The Cow Indexes in this publication are estimates of genetic transmitting ability for milk and fat yield, fat percent, and dollars of gross income for outstanding registered cows based on lactation records made in the Official DHI and DHIR dairy recordkeeping programs. Cows are eligible for inclusion in the list even though their sires may not have been summarized. The interpretation of all information on the cow index listings is exactly the same as in previous years. Persons who wish maximum benefit from the information contained in this publication should read the introductory material thoroughly.

The names and addresses of owners of cows appearing in this list are given at the end of the cow index listing. They are given in herd code sequence.

The Cow Indexes for superior cows from each run are distributed to extension dairymen, breed associations, and AI organizations in the form of computer listings or magnetic tape. This publication is compiled and printed annually following the May sire summary run. It is usually available for distribution in August or September of each year. Since it is an annual publication, no general mailing list is maintained. Copies can be obtained, free of charge, by contacting the extension dairyman advising on dairy cattle breeding programs in each State (see table IX, page xiii) or by writing directly to the Animal Improvement Programs Laboratory, Building 263, BARC-East, Beltsville, Md. 20705. Cow Indexes for registered cows not appearing in this publication can be obtained from the respective breed associations.

Issued August 1974

USDA-DHIA
COW PERFORMANCE INDEX LIST
Registered Cows Calving Between
August 1971 and April 1973
Indexed May 1974

by Frank N. Dickinson, Ben T. McDaniel, H. Duane Norman, Gerald J. King, Rex L. Powell, and Jeffrey F. Keown 1/

USDA-DHIA Cow Performance Indexes are estimates of transmitting ability. A cow's transmitting ability for milk, fat, fat percent, or dollars of gross income is the level above or below breed average that she is expected to transmit to her offspring. The cows of outstanding genetic merit for milk and fat that appear in this list were selected by a two-stage procedure. The first stage was an initial screening based on the following criteria:

(1) The cow is registered.

(2) The cow has an average of at least five herdmates for her lactation records on file.

(3) The date of last calving must be between August 1, 1971, and April 16, 1973.

(4) The cow's last record had a termination code (blank, A, B, or H) indicating she was alive at the termination of the record (see table VIII, page xii).

The second stage of this procedure was to index all cows that had passed the initial screening and then to select for printing in this publication those that met or surpassed the levels of average yield and estimates of transmitting ability given in table I. The number of cows in each breed that passed each stage of the screening procedure and the percentage of cows that qualified for listing in this book are given in table II.

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Table I.--Screening levels for mature equivalent (ME) yields, herdmate deviations (HM-Dev), and Cow Indexes (CI) required for a cow to appear in this publication

Breed	Screening Levels						
	ME yields		HM-Dev		CI		
	Milk	Fat	Milk	Fat	Milk	Fat	%
	Lb	Lb	Lb	Lb	Lb	Lb	%
Ayrshire	12,000	450	1,000	0	300	0	46
Guernsey	11,000	470	1,000	0	300	0	36
Holstein	15,000	530	1,500	0	400	0	50
Jersey	10,000	470	1,000	0	300	0	36
Brown Swiss	13,000	510	1,300	0	350	0	42
Milking Shorthorn	11,000	400	1,000	0	300	0	16

Table II.--Cows meeting criteria of selection for USDA-DHIA Cow Performance Index List

Breed	Cows meeting stage-one criteria	Cows meeting stage-two screening levels	Cows qualifying for listing
	No.	No.	%
Ayrshire	23,171	1,348	5.8
Guernsey	82,910	2,900	3.5
Holstein	636,563	18,712	2.9
Jersey	76,511	2,808	3.7
Brown Swiss	24,289	1,089	4.5
Milking Shorthorn	3,155	307	9.7

The herdmate comparison method has been adopted for estimating transmitting ability because it has been shown to be effective in reducing the environmental effects of herd, year, and season-of-calving on genetic evaluations. Therefore, the yield of each cow and of her paternal half-sisters is expressed as a deviation from herdmates when calculating the Cow Index. The Predicted Difference (PD) of her sire is used as the measure on her paternal half-sisters.

The relative emphasis given to the two sources of information (cow's herdmate deviation and her sire's PD) depends on the number of records the cow has completed and the repeatability of the sire's PD. The relative emphasis is shown in table III for varying levels of the sire's Repeatability and up to

five records on the cow. The values were determined after taking into account the magnitude of the variance that affects a cow's mean herdmate deviation as opposed to her sire's PD.

In general, the variation associated with the mean deviation of a cow's records from her herdmates is much greater than that of her sire's PD. For example, it is not unusual for a cow's record to be 5,000 pounds of milk above or below her herdmate average. However, it would be extremely unusual for a group of 10 or more of her paternal half-sisters to deviate that much from their herdmates. Therefore, these two sources of information are placed on the basis of a standardized variance (that is, standard partial regression coefficients).

When this has been done, the values in table III indicate that a cow's production receives more emphasis than her half-sisters' production until sufficient half-sister information is available to raise the Repeatability of her sire's summary to 50 percent. For example, if the cow has five records, and if there is minimum information on her half-sisters, her own data receive 1.9 times as much emphasis as the sire's Predicted Difference. In that case, the relative emphasis is about 2:1 in favor of the cow's information. At the other extreme (one record on the cow and 95 percent Repeatability of the sire's summary), the emphasis has shifted to 0.6:1, or about 1.7 times as much emphasis on the sire's Predicted Difference as shown on the cow's data.

The degrees of relative emphasis shown in table III for varying amounts of information on a cow and her sire's PD shown clearly that when information is available from both sources, it should be utilized to estimate a cow's transmitting ability. Even in the most extreme cases shown, the ratio of emphasis is less than 2:1, indicating that both sources of information make important contributions to the estimate of a cow's transmitting ability.

Cow Indexes for Milk and Fat

USDA-DHIA Cow Indexes for milk and fat are calculated as follows:

$$CI = 1/2\left\{w_1\left[(\bar{C} - \overline{AHMA})_i + 0.2\,(\overline{AHMA} - BA)_i\right] + w_2(\text{Sire's PD})\right\}$$

- $1/2$: Gives index in terms of transmitting ability
- w_1: Weighting for cow's information
- $(\bar{C} - \overline{AHMA})_i$: Cow's herdmate deviation
- $0.2\,(\overline{AHMA} - BA)_i$: Adjustment for cow's herd genetic level
- w_2(Sire's PD): Weighting for sire's PD

where:

CI = The USDA-DHIA Cow Index for milk or fat;

1/2 = A factor that expresses the index in terms of a cow's transmitting ability;

w_1 = The computational weighting given to information on the cow as shown in table IV;

w_2 = The computational weighting given to information on the cow's sire's PD as shown in table IV. If the cow's sire has not been summarized, zero is used for w_2;

$\bar{C}$ = The adjusted average yield of a cow's 305-day, 2X, ME milk or fat;

$\overline{AHMA}$ = The sum of the adjusted herdmate average yields for milk or fat for all records divided by the number of records;

BA = The breed average as shown in table V;

0.2 = A regression coefficient that credits the cow with ~~two~~ ~~one~~-tenth of the difference between the breed average and the yield of her herdmates;

Sire's PD = The USDA-DHIA Predicted Difference of the cow's sire for milk or fat.

Without the factor 1/2 in the Cow Index formula, the index would give an estimate of breeding value. However, since on the average, one-half of an animal's breeding value is transmitted to an offspring, the factor 1/2 is included in the formula to express the Cow Index in terms or transmitting ability.

The terms w_1 and w_2 (table IV) are factors that provide weights for the cow's data and her sire's PD, respectively. Their derivation is presented on pages x to xi. They take into account the variances of the two sources of information as well as the covariance. These weights should not be confused with the degrees of relative emphasis shown in table III.

Table V, page vi, contains the breed averages used in calculation of the Cow Indexes. They are the same as those used in calculation of PD's published in the May 1974 USDA-DHIA Sire Summary List.

The term "$(\bar{C} - \overline{AHMA})$" expresses a cow's mean lactation yield for milk or fat as a deviation from her herdmates' adjusted mean yield. The term "0.2 $(\overline{AHMA} - BA)$" regresses the adjusted herdmate deviation for the genetic level

of the herd in which the cow and her herdmates were located. AHMA is the mean of the adjusted herdmate averages for each individual lactation calculated from the equation:

$$AHMA = RBYSA + \frac{NHM}{NHM + 1} (HMA - RBYSA)$$

where:

RBYSA = The regional-breed-year-season average yield of milk or fat;

NHM = The number of herdmates: and

HMA = The unadjusted herdmate average yield.

Table III.--Relative emphasis given to cow's herdmate-deviation in relation to sire's Predicted Difference (PD) in calculating Cow Indexes 1/

Repeatability of sire's PD	Number of lactations for the cow				
	1	2	3	4	5
20	1.6	1.7	1.8	1.9	1.9
30	1.2	1.3	1.4	1.4	1.5
40	1.0	1.1	1.2	1.2	1.2
50	.9	.9	1.0	1.0	1.0
60	.8	.8	.9	.9	.9
70	.7	.8	.8	.8	.8
80	.7	.7	.7	.8	.8
90	.6	.7	.7	.7	.7
95	.6	.7	.7	.7	.7

1/ Table values should be interpreted as the ratio of the emphasis on cow's information to the emphasis on half-sisters' information. The first value (1.6) indicates that the ratio of weighting of cow's data to weighting of half-sisters' data is 1.6:1.

Table IV.--Computational factors used to weight cow's production information (w_1) and the Predicted Difference (PD) of her sire (w_2) in the USDA-DHIA Cow Index calculations 1/

Repeatability of sire's PD	Number of lactations available for the cow									
	1		2		3		4		5	
	Cow	Sire	Cow	Sire	Cow	Sire	Cow	Sire	Cow	Sire
%	w_1	w_2	w_1	w_2	w_1	w_2	w_1	w_2	w_1	w_2
00 2/	0.19	0	0.25	0	0.29	0	0.30	0	0.32	0
20	.18	.80	.24	.75	.28	.72	.29	.70	.31	.70
30	.18	.82	.24	.77	.27	.73	.29	.70	.30	.70
40	.17	.83	.23	.78	.26	.73	.28	.70	.30	.70
50	.17	.83	.23	.78	.26	.74	.28	.72	.29	.72
60	.17	.83	.22	.78	.25	.75	.27	.73	.28	.72
70	.16	.84	.22	.79	.25	.76	.27	.74	.28	.73
80	.16	.84	.21	.79	.24	.76	.26	.74	.27	.73
90	.15	.84	.21	.79	.24	.77	.25	.74	.27	.73
95	.15	.85	.21	.80	.23	.77	.25	.75	.26	.74

1/ USDA-DHIA Cow Index = 1/2 {w_1[(cow's avg. - adj. herdmate avg.) +0.2 (adj. herdmate avg. minus breed avg.)] + w_2(sire's PD)}

2/ These values are used if the cow's sire has never been summarized.

Table V.--Breed averages used for Cow Indexes on a 305-day, 2X, ME basis 1/

Breed	Cows	Milk	Fat	Fat
	No.	Lb	%	Lb
Ayrshire	45,487	11,665	3.86	450
Guernsey	199,516	10,223	4.59	469
Holstein	3,074,475	14,627	3.60	526
Jersey	206,345	9,356	4.95	463
Brown Swiss	53,935	12,705	3.99	507
Milking Shorthorn	6,189	10,468	3.68	385

1/ The breed averages were compiled from all lactation records of Official DHI and DHIR cows of each breed that calved in 1970 and 1971.

Cow Index for Fat Percent

The measure of a cow's transmitting ability for fat percent is the Cow Index for fat percent. This is the expected average deviation of a cow's progeny from her herdmates in breed average herds. It is computed as follows:

$$CI_{fat\ \%} = \frac{(\text{CI for fat} + \text{Breed avg fat}) \times 100}{\text{CI for milk} + \text{Breed avg milk}} - \text{Breed avg fat \%}.$$

Cow Index for Gross Income in Dollars

The Cow Index for gross income in dollars is an estimate of a cow's transmitting ability for gross income in relation to breed average based on the Cow Indexes for milk and fat. This value permits the direct comparison of individual cows to breed average gross income in the same manner as the Cow Indexes for milk and fat allow comparison to breed averages for milk and fat. The Cow Index for gross income in dollars is based on 305-day, 2X, ME yield, the same as are the Cow Indexes for milk and fat.

Average 1973 U.S. prices for milk and fat were used to calculate the value of production for individual cows. 2/ The formula 3/ for computing the Cow Index for gross income in dollars for a specific cow is:

$$CI_{\$} = (CI_m) \times (M_{\$} - F_{\$} \times B) + (CI_f) \times (F_{\$})$$

where:

$CI_{\$}$ = The Cow Index for gross income in dollars;

CI_m = The Cow Index for milk in pounds;

CI_f = The Cow Index for fat in pounds;

$M_{\$}$ = The price paid for a unit of milk at the base test

= \$0.070/lb 2/;

2/ The average U.S. milk price for 1973 was \$7.00/cwt for 3.5 percent milk, and the average milk fat differential was \$0.084/0.1 percent/cwt. (Source: Dairy Situation, Economic Research Service, USDA, DS-349. March 1974).

3/ Details of estimating transmitting ability of cows and bulls for economic merit are given in the January 1971 Dairy Herd Improvement Letter, ARS 44-223. Issued March 1971.

$F_{\$}$ = The fat differential, or the price paid for a unit of fat and other associated solids

= $0.84/lb 2/; and

B = The base test

= 0.035. 2/

Reliability of the Cow Index

The reliability of a Cow Index is a function of the amount of information that is available on a cow and her paternal half-sisters. Reliability is expressed in terms of percent Repeatability, the same terminology that is used for the reliability of USDA-DHIA PD's on bulls. Repeatability values are shown in table VI for varying amounts of information on a cow and her paternal half-sisters.

These values were obtained from the formula,

$w + \frac{R(w_2)}{4}$, where w_1 and w_2 are the computational weighting factors shown in table IV, and R is the Repeatability of the sire's PD.

The Repeatability of a Cow Index is an indication of the precision with which the index estimates a cow's transmitting ability for milk or fat. Low Repeatabilities (below 30 percent) indicate that an individual cow's transmitting ability for milk and fat may in some cases be quite different from her index value. However, with a higher Repeatability (above 40 percent), it is more likely that the index value is an accurate estimate of transmitting ability.

Table VI.--Repeatability of the Cow Index for varying amounts of information on a cow and her sire's Predicted Difference

Repeatability of sire's PD	Number of lactations for the cow				
	1	2	3	4	5
Percent	----------Percent Repeatability----------				
20	22	28	31	33	34
30	24	30	33	34	35
40	26	31	34	35	36
50	27	33	35	37	38
60	29	34	37	38	39
70	31	36	38	39	40
80	33	37	39	41	42
90	34	38	41	42	43
95	35	39	42	43	44

Interpretation of the Cow Index

An important contribution can be made to the genetic improvement of yield and income in a herd if effective selection of cows is continually made. Cow Indexes should always be considered if they are available, since they give a more accurate estimate of genetic transmitting ability than a cow's lactation yield or even her herdmate deviation.

The estimated breeding value of a calf can be caluclated by adding the PD of its sire and Cow Index of its dam. This is possible, because both values are expressed in terms of transmitting ability (one-half breeding value). Therefore, Calf's Breeding Value = Sire's PD + Dam's Cow Index.

Location of Breed Tables in this Publication

Each breed is listed in a separate table, numbered as follows:

Table	Page	Breed
1	1	Ayrshire
2	17	Guernsey
3	52	Holstein
4	273	Jersey
5	307	Brown Swiss
6	320	Milking Shorthorn

Herd Code Numbers

The herd code numbers are shown in the format, State-DHI Association-Herd. The State code numbers are given in table VII, page xii.

Termination Codes

A termination code is given for each cow in the list to indicate the condition under which the last lactation was terminated. The termination codes that may appear on records in this publication are shown in table VIII, page xii. A blank in the termination code column indicates a normal record terminated by a dry date or 305 days of lactation. The nonblank termination codes will be letters A, B, or H, as defined in table VIII. The fact that these codes are letters indicates that the records on which they appear were incomplete and were projected to a 305-day basis.

Herd Owner Name and Address List

A list of the herd owners of cows in this publication is shown in table 7, following the listings of the high-ranking cows. This list includes names and addresses of all herd owners incorporated into the herd owner May 1974 sire summary run. The herd owners can be cr the USDA-DHIA Cow Performance Index List by means of

Derivation of Cow Index Weights

Weights applied to mean deviated production of the n_1 records of the cow ($\bar{X}_1$) and n_2 paternal half-sibs ($\bar{X}_2$) result from selection index equations. These weights maximize the correlation between the cow's additive genotype, G, and the index, I, where $I = b_1\bar{X}_1 + b_2\bar{X}_2$. The two equations that must be solved simultaneously are:

$$b_1\ V(\bar{X}_1) + b_2\ Cov\ (\bar{X}_1,\bar{X}_2) = Cov(\bar{X}_1,G), \text{ and}$$

$$b_1\ Cov(\bar{X}_1,\bar{X}_2) + b_2\ V(\bar{X}_2) = Cov(\bar{X}_2,G).$$

Values for the variances (V) and covariances (Cov) are as follows:

$$V(\bar{X}_1) = V(X)\ \frac{1 + (n_1 - 1)\ r}{n_1};\quad V(\bar{X}_2) = V(X)\ \frac{4 + (n_2 - 1)\ h^2}{4n_2};$$

$$Cov(\bar{X}_1,\bar{X}_2) = 1/4\ V(G);\ Cov(\bar{X}_1,G) = V(G), \text{ and } Cov\ (\bar{X}_2,G) = 1/4\ V(G),$$

where:

h^2 = Heritability (0.19);

r = Within-sire repeatability of records (0.50);

V(X) = Phenotypic variance of individual records, and

V(G) = Additive genetic variance.

The $V(\bar{X}_2)$ assumes that each paternal half-sib has only one records is in a different herd. Further, the genetic level of all herds involved is assumed the same. These assumptions are not likely to be met in practice, but the effect of discrepancies may be minimized if $\bar{X}_1$, $\bar{X}_2$, and n_2 are defined as follows:

$$\bar{X}_1 = \bar{C} - \overline{AHMA} + 0.2\ (\overline{AHMA} - BA);$$

$\bar{X}_2$ = PD/R where R = Repeatability of the sire's summary;

n_2 = Effective number of daughters = 20R/(1-R).

After substituting the above variances and covariances into the selection index equations and dividing each equation by V(G), we have

$$b_1 \frac{1 + (n_1 - 1)r}{n_1 h^2} + \frac{b_2}{4} = 1, \text{ and}$$

$$\frac{b_1}{4} + b_2 \frac{4 + (n_2 - 1)h^2}{4n_2 h^2} = \frac{1}{4}.$$

The solutions for b_1 and b_2 provide the selection index weights for $\bar{X}_1$ and $\bar{X}_2$. However, since $\bar{X}_2$ is calculated from PD, it is easier to use PD directly in the index. Hence, $I = w_1\bar{X}_1 + w_2$ PD where $w_1 = b_1$, and $w_2 = b_2/R$. The breeding value of the cow is estimated by I which, when divided by two, is equivalent to the formula for CI given on page iii. The weights given in table IV are solutions for various combinations of n_1 and R. For example, we wish to know the Cow Index weights for a cow with three records whose sire's PD has a Repeatability of 0.6 or 60 percent. The effective number of daughters, n_2, is 30. The equations to be solved are

$$b_1 \frac{1 + (3-1)0.50}{3\ (.19)} + \frac{b_2}{4} = 1, \text{ and}$$

$$\frac{b_1}{4} + b_2 \frac{4 + (30-1)0.19}{4(30)0.19} = \frac{1}{4}.$$

Thus, $\frac{2}{0.57}\ b_1 + \frac{b_2}{4} = 1$, and $\frac{b_1}{4} + \frac{9.51}{22.80} b_2 = \frac{1}{4}$, or $3.51\ b_1 + 0.25\ b_2 = 1$, and $0.25b_1 + 0.42b_2 = 0.25$. The solutions are $b_1 = 0.25$, and $b_2 = 0.45$, so $w_1 = 0.25$, and $w_2 = 0.75$, as shown in table IV.

Table VII.--State codes and names

11	Maine	45	North Dakota	72	Louisiana
12	New Hampshire	46	South Dakota	73	Oklahoma
13	Vermont	47	Nebraska	74	Texas
14	Massachusetts	48	Kansas	81	Montana
15	Rhode Island	50	Delaware	82	Idaho
16	Connecticut	51	Maryland	83	Wyoming
21	New York	52	Virginia	84	Colorado
22	New Jersey	54	West Virginia	85	New Mexico
23	Pennsylvania	55	North Carolina	86	Arizona
31	Ohio	56	South Carolina	87	Utah
32	Indiana	57	Georgia	88	Nevada
33	Illinois	58	Florida	91	Washington
34	Michigan	61	Kentucky	92	Oregon
35	Wisconsin	63	Tennessee	93	California
41	Minnesota	64	Alabama	94	Puerto Rico
42	Iowa	65	Mississippi	95	Hawaii
43	Missouri	71	Arkansas	96	Alaska

Table VIII.--Termination codes used for lactation records as they appear in the USDA-DHIA Cow Index Performance Index List

Code 1/		
Numeric	Alpha	Meaning
0	Blank	Normal lactation.
1	A	Lactation incomple when terminated, cow remained in herd.
2	B	Sold for dairy purposes.
8	H	Record terminated by abortion.

1/ Computing centers submit the numeric codes. Alphabetic codes A, B, and H are created by USDA to indicate incomplete records for cows being indexed.

TABLE IX.--EXTENSION DAIRYMEN ADVISING ON DAIRY CATTLE BREEDING PROGRAMS IN EACH STATE

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TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
11-12-0101	698726	117936	10-63	6	304	18,323	4.03	739	19	12,745	4.07	519	9-72		44	1,189	.02	48	$ 89
11-12-0101	709585	117936	4-66	4	305	18,540	4.16	771	11	12,892	4.08	526	7-72		44	1,176	.04	50	90
11-12-0101	720649	117936	1-67	1	305	23,070	4.10	946	28	13,690	4.16	570	10-72		36	1,234	.03	51	93
11-12-0101	725010	117936	12-66	3	305	20,570	3.11	640	27	15,166	3.84	583	11-71		42	1,160	-.13	28	71
11-12-0101	725018	117936	3-67	3	305	20,233	3.80	768	28	16,863	3.70	624	3-72		42	966	.01	39	72
11-12-0101	725778	117936	9-67	3	303	16,810	4.19	704	24	13,956	4.01	560	11-72		42	839	.05	38	66
11-12-0101	729773	117936	12-67	3	305	16,076	4.12	663	16	13,596	4.04	549	8-72		42	788	.03	34	61
11-12-0101	729930	117936	2-68	2	299	15,650	4.17	652	26	11,725	4.04	474	12-72		40	874	.03	38	67
11-12-0101	735673	118834	7-68	2	305	20,380	4.00	816	37	13,695	4.14	567	9-72		40	817	-.04	27	56
11-12-0101	735814	129110	8-68	1	305	24,430	3.57	871	13	16,060	4.01	644	4-72		35	1,137	-.12	28	70
11-12-0101	744188	117936	1-69	2	305	19,205	4.39	843	28	13,610	4.03	549	11-72		40	1,082	.07	51	87
11-12-0101	744189	117936	3-69	2	305	19,760	3.87	764	24	12,920	4.13	533	8-72		40	1,194	-.02	44	85
11-12-0101	744190	117936	5-69	2	296	16,135	4.29	692	28	13,610	4.03	549	11-72		40	770	.05	36	62
11-12-0101	745425	117936	1-69	2	272	15,275	4.40	672	24	13,265	4.11	545	10-72	B	40	711	.05	34	57
11-12-0101	747463	117936	1-69	2	193	16,645	4.15	691	16	11,935	4.19	500	12-72		40	958	.02	40	72
11-12-0101	747674	117936	3-69	2	236	18,570	4.25	790	13	12,180	4.11	501	3-73		40	1,133	.05	50	88
11-12-0101	748825	117936	9-65	2	305	20,815	4.07	848	24	14,580	3.94	574	7-72		40	1,166	.04	50	89
11-12-0101	753011	117936	11-69	1	305	15,550	4.30	668	27	13,580	4.22	573	8-72		36	680	.03	30	53
11-12-0101	753240	122242	9-69	2	305	23,130	3.83	885	15	15,020	4.00	601	4-73		38	1,087	-.02	39	77
11-12-0101	754163	117936	10-69	1	305	16,650	3.88	646	14	15,110	4.05	612	5-72		36	671	.00	26	49
11-12-0101	767526	117936	3-69	2	305	15,860	3.42	542	20	12,790	3.94	504	1-73		40	809	-.06	24	53
11-15-0078	688820	125891	2-65	4	305	16,148	3.80	614	34	11,453	4.03	461	3-72		30	708	-.03	24	49
11-15-0078	695035	102091	6-65	5	305	13,992	4.15	580	49	10,918	4.00	437	11-72		43	571	.07	31	49
11-15-0078	702256	126011	4-66	2	290	18,140	3.67	665	55	11,680	3.95	461	1-73		36	1,088	-.06	34	73
11-15-0078	717533	117936	3-67	4	305	12,510	4.07	509	31	11,232	3.97	446	2-73		44	595	.02	26	46
11-15-0078	717534	117936	3-67	3	305	12,996	3.80	494	42	11,243	3.98	448	11-72		42	650	-.01	24	47
11-15-0078	732701	117936	4-68	2	305	12,940	4.12	533	43	11,070	3.99	442	12-72		40	652	.02	28	50
11-15-0078	739465	117936	10-68	2	299	13,285	4.04	537	44	11,055	4.01	443	11-72		40	688	.02	29	52
11-15-0078	739469	117936	11-68	2	305	15,715	3.69	580	42	10,860	4.00	434	12-72		40	951	-.02	34	67
11-15-0078	745779	117936	2-69	2	223	19,675	3.87	761	43	11,070	3.99	442	12-72	B	40	1,336	.00	51	97
11-15-0078	745781	117936	4-69	2	305	13,465	3.77	508	39	11,125	3.89	433	7-72		40	701	.00	27	51
11-15-0078	746834	117936	2-69	2	305	12,535	3.97	498	42	11,070	3.88	429	9-72		40	611	.02	26	47
11-15-0078	747113	117936	7-69	2	305	17,150	3.47	595	39	11,115	3.88	431	8-72		40	1,076	-.05	35	73
11-15-0078	753278	117936	6-69	1	305	13,760	3.94	542	52	11,140	3.90	434	8-72		36	692	.02	29	52
11-15-0078	753290	117936	7-69	1	305	14,940	4.03	602	52	11,160	3.92	438	7-72		36	779	.02	33	59
11-15-0078	753308	117936	11-69	1	305	13,030	3.88	506	42	11,000	3.81	419	2-73		36	646	.02	27	49
11-15-0078	753310	117936	11-69	1	305	15,380	3.47	534	59	11,050	3.90	431	9-72		36	818	-.03	28	57
11-15-0078	754848	117936	6-68	2	305	21,695	3.83	832	42	11,335	3.96	449	1-73		40	1,519	.00	58	110
11-15-0078	754849	117936	4-69	2	301	15,315	3.85	590	39	11,035	3.97	438	2-73		40	896	.00	34	65
11-15-0078	756481	117936	6-69	2	305	13,585	3.89	529	43	10,845	4.01	435	11-72		40	736	.00	28	53
11-15-0078	758689	117936	6-70	1	305	15,980	3.79	606	59	11,050	3.90	431	9-72		36	863	.00	33	63
11-15-0078	766980	131257	12-70	1	305	18,780	3.40	638	30	11,680	3.77	440	3-73		22	754	-.06	22	49
11-15-0161	735278	117936	10-67	1	305	19,430	4.10	796	6	11,060	3.91	432	3-72		36	1,119	.04	48	86
11-15-0161	762076	117936	4-69	2	305	15,190	3.82	581	5	11,270	3.93	443	11-72		40	864	.00	33	63
11-20-0174	762299	117936	7-69	1	305	15,000	3.63	545	8	10,640	3.64	387	2-73		36	814	.00	32	60
11-20-0186	598935	117936	11-58	6	305	20,623	3.71	765	29	14,226	3.73	530	12-72		44	1,333	.00	51	97
11-23-0010	726162	126011	9-65	4	304	16,045	3.90	625	24	10,882	3.96	431	5-72		40	1,023	-.03	36	72
11-23-0010	732225	117936	3-68	2	305	14,360	4.12	591	24	10,540	3.89	410	9-72		40	839	.04	37	65
11-23-0010	760611	117936	5-69	1	305	12,230	4.06	497	21	10,380	3.85	400	7-72		36	624	.02	27	48
12-10-0104	697991	126011	11-65	4	305	14,615	3.54	517	13	10,850	3.87	420	5-72		40	839	-.07	23	53
12-10-0104	727509	117936	9-67	3	294	12,973	3.67	476	10	11,093	3.75	416	12-72		42	661	.00	25	48
12-11-0128	674164	102091	9-63	6	305	17,865	4.37	781	25	13,330	4.07	543	11-72		43	826	.11	46	72
12-11-0128	709805	117936	7-66	2	305	16,535	3.83	634	22	13,480	3.97	535	6-72		40	821	-.01	31	59
12-11-0128	714963	101527	8-66	3	305	19,190	4.05	778	20	14,273	3.97	566	7-72		42	607	.05	29	49
12-11-0128	726670	117936	7-67	3	305	16,376	4.16	681	20	13,850	3.97	550	3-73		42	799	.04	36	63
12-11-0128	736000	117936	8-68	3	305	19,140	3.42	654	15	14,533	3.86	561	2-73		42	1,054	-.07	32	70
12-11-0128	741852	117936	7-68	2	305	23,915	3.85	920	18	14,525	4.06	589	5-72		40	1,485	-.01	56	107
12-11-0128	743793	117936	9-64	3	302	21,256	3.61	768	13	11,823	3.92	463	2-72		42	1,547	-.04	54	108
12-11-0128	750224	117936	9-69	1	305	20,760	4.00	831	23	15,290	4.02	615	9-72		36	966	.01	39	72
12-11-0128	756725	117936	12-69	1	305	17,100	4.09	700	17	15,330	3.89	597	11-72		36	691	.04	31	54
12-13-0117	707145	117936	6-66	4	291	15,455	3.53	546	24	12,782	3.83	490	8-72	B	44	806	-.04	26	55
12-13-0117	708030	117936	2-66	4	255	14,315	4.20	601	24	12,735	3.87	493	12-72	B	44	669	.06	33	55
12-13-0117	709803	117936	7-66	4	266	13,992	3.71	519	23	12,437	3.88	483	11-72	B	44	659	-.01	24	47
12-13-0117	709808	117936	8-66	1	305	19,010	4.25	808	6	13,700	3.69	505	4-72		36	931	.06	44	75
12-13-0117	730542	117936	12-67	3	264	15,526	3.97	617	24	12,890	3.82	493	10-72	B	42	790	.03	34	61
12-13-0117	737716	117936	6-68	1	305	13,610	3.76	514	28	11,910	3.85	458	8-71		36	635	.00	25	47
12-13-0117	741708	117936	9-68	2	208	15,860	4.05	643	20	12,695	3.87	491	12-72	B	40	817	.03	35	63
12-13-0117	748080	117936	6-69	1	305	13,240	4.21	557	27	11,720	3.84	450	9-71		36	619	.04	29	49
12-13-0117	750910	129110	8-69	1	188	17,160	3.76	646	30	12,920	3.95	510	10-72	B	35	773	-.09	19	47
12-13-0147	733356	117936	11-67	3	293	13,726	3.72	511	17	11,866	3.70	439	8-72		42	677	.01	27	50
12-13-0147	742018	117936	11-68	2	305	18,835	3.22	607	24	12,605	3.79	478	1-73		40	1,126	-.08	33	73
12-13-0147	742020	117936	12-68	2	279	14,140	3.41	482	24	12,020	3.71	446	9-72		40	697	-.03	23	48
12-13-0147	753602	117936	8-69	2	296	14,585	3.59	524	16	13,170	3.77	497	3-73		40	649	-.02	23	46
12-13-0147	753628	117936	3-69	2	305	17,005	3.43	584	21	12,365	3.79	469	1-73		40	960	-.05	31	65
12-13-0169	667150	117936	4-63	7	305	14,387	3.45	496	15	12,011	3.71	446	8-72		44	757	-.03	25	52
12-13-0169	707672	117936	5-66	4	301	13,932	3.66	510	8	12,272	3.70	454	5-72		44	668	-.01	25	48
12-13-0169	721370	117936	3-67	4	299	15,422	3.85	593	18	12,847	3.79	487	9-72		44	795	.01	32	59
12-13-0169	721892	117936	3-67	3	305	17,226	3.47	597	8	12,133	3.73	452	5-72		42	1,055	-.04	35	72
12-13-0169	733400	117936	11-67	3	305	16,300	3.10	505	12	12,533	3.84	481	1-73		42	912	-.10	22	56
12-13-0169	741396	117936	1-69	1	305	14,500	3.54	513	17	12,140	3.75	455	9-71		36	688	-.01	25	49
12-13-0169	748995	117936	7-69	2	305	15,780	3.91	617	9	12,365	3.84	475	4-73		40	835	.01	34	62
12-13-0169	748996	117936	8-69	2	305	14,425	3.74	540	12	12,510	3.86	483	2-73		40	686	.00	26	50
12-13-0169	748997	117936	8-69	2	305	16,200	3.49	566	14	12,600	3.83	483	11-72		40	859	-.04	28	58
12-13-0169	748998	117936	8-69	2	305	15,250	3.58	546	12	12,315	3.89	479	1-73		40	785	-.03	27	55
12-13-0169	748999	117936	8-69	2	305	15,640	3.76	588	11	12,490	3.84	480	2-73		40	811	.00	31	59

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O N I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
12-13-0169	754252	117936	10-69	1	305	15,080	3.60	543	11	12,650	3.68	466	7-72		36	701	.00	27	$ 51
12-13-0169	762013	117936	4-70	1	305	14,580	4.18	609	14	12,810	3.72	476	9-72		36	654	.05	31	53
12-13-0217	734763	129110	7-68	2	305	16,050	4.14	664	9	12,605	4.02	507	3-72		39	779	-.05	24	52
12-13-0217	734764	129110	5-68	2	305	17,170	3.58	614	11	11,395	4.18	476	9-72		39	995	-.13	22	59
12-13-0217	741953	129110	2-69	2	305	15,730	3.80	597	14	11,200	4.11	460	10-72		39	862	-.10	21	53
12-13-0217	763335	117936	8-70	1	305	16,680	4.35	725	10	12,290	4.10	504	1-73		36	841	.04	38	66
12-13-0260	753638	117936	1-70	1	305	14,030	3.62	508	7	12,450	3.69	459	3-73		36	634	.00	25	47
12-13-0260	760330	117936	2-70	1	305	13,540	3.91	529	6	12,380	3.65	452	4-73		36	602	.02	26	46
12-14-0110	713934	126011	12-66	3	305	13,170	3.92	516	13	10,460	3.92	410	4-72		39	680	-.03	23	47
12-14-0110	725746	117936	7-67	2	305	12,890	4.35	561	16	10,740	3.86	415	12-71		40	674	.06	33	55
12-14-0110	731929	117936	11-67	2	305	12,845	4.15	533	10	10,910	3.91	427	4-72		40	655	.04	30	52
12-14-0110	746261	117936	3-69	2	300	12,795	3.85	492	15	11,085	3.81	422	12-72	B	40	636	.01	26	48
12-14-0110	754152	117936	11-69	1	305	13,690	3.78	518	7	10,650	3.92	417	8-72		36	716	.00	28	53
12-14-0110	757510	117936	3-70	1	305	13,330	3.65	487	7	10,650	3.92	417	8-72		36	689	-.01	25	49
12-14-0150	709412	117936	4-66	4	305	17,667	3.68	650	26	13,235	3.79	501	9-72		44	1,034	-.01	38	74
12-14-0150	715568	117936	12-66	4	299	14,687	3.87	568	34	12,027	3.79	456	11-72		44	785	.01	32	59
12-14-0150	715575	117936	2-67	3	305	14,303	4.07	582	21	13,250	3.76	498	4-72		42	616	.05	30	50
12-14-0150	726866	117936	7-67	4	289	15,865	3.86	613	32	12,597	3.75	472	3-73		44	874	.02	36	66
12-14-0150	728022	117936	9-67	3	297	18,006	3.72	669	21	13,760	3.79	522	1-72		42	995	-.01	37	71
12-14-0150	728025	117936	9-67	3	304	15,436	3.94	608	35	12,130	3.77	457	7-72		42	849	.03	36	65
12-14-0150	730132	117936	10-67	4	291	17,645	3.62	638	29	13,087	3.76	492	1-73		44	1,046	-.03	37	74
12-14-0150	730135	117936	10-67	4	289	14,195	3.83	544	15	12,975	3.75	487	3-73		44	631	.01	26	47
12-14-0150	732097	117936	12-67	3	293	14,533	3.96	575	38	12,090	3.76	454	8-72		42	749	.03	33	58
12-14-0150	733460	117936	1-68	3	305	14,356	3.73	535	37	12,110	3.76	455	9-72		42	727	.00	28	53
12-14-0150	735873	117936	3-68	3	305	18,050	3.64	657	38	12,103	3.74	453	9-72		42	1,152	-.02	42	82
12-14-0150	736659	117936	4-68	3	305	16,186	3.61	584	25	12,486	3.73	466	1-73		42	903	-.01	33	64
12-14-0150	745684	117936	4-69	2	299	16,055	3.86	619	36	12,100	3.71	449	7-72		40	885	.02	37	67
12-14-0150	769406	117936	3-70	1	305	12,860	4.06	522	40	11,740	3.66	430	7-72		36	589	.03	27	47
12-14-0150	778264	117936	8-68	1	305	15,820	3.84	607	50	11,730	3.65	428	9-72		36	810	.02	34	61
12-15-0104	725945	117936	7-67	4	284	13,907	4.18	582	29	12,237	4.00	489	1-73		44	668	.04	31	53
12-15-0104	731975	117936	6-67	3	298	17,553	4.01	704	28	12,956	3.91	507	1-73		42	1,017	.03	43	77
12-15-0104	731978	117936	7-67	3	269	15,560	3.79	589	33	12,720	4.06	516	5-72		42	809	-.02	29	57
12-15-0104	731988	117936	7-67	3	298	14,386	3.88	558	29	12,300	4.04	497	7-72		42	713	.00	27	52
12-15-0104	735923	117936	2-68	3	305	14,373	4.07	585	29	12,276	4.01	492	9-72		42	714	.02	30	54
12-15-0104	735924	117936	2-68	3	300	13,773	3.99	550	35	12,410	4.06	504	6-72		42	632	.01	25	47
12-15-0104	735925	117936	3-68	2	305	15,750	3.97	625	26	13,255	4.00	530	5-72		40	760	.01	31	57
12-15-0104	735926	117936	3-68	3	305	15,246	3.78	580	30	12,813	4.06	520	4-72		42	776	-.02	27	54
12-15-0104	735930	117936	6-68	1	305	19,530	3.81	744	27	13,480	3.83	516	11-72		36	983	.01	39	73
12-15-0104	735931	117936	6-68	2	305	15,105	4.10	619	29	12,395	3.99	495	6-72		40	764	.03	33	59
12-15-0104	735933	117936	7-68	2	300	14,040	4.34	609	28	12,610	3.99	503	7-72		40	639	.05	31	52
12-15-0104	735934	117936	7-68	2	305	18,350	3.81	699	26	13,755	3.90	537	10-72		40	983	-.01	37	71
12-15-0104	735936	117936	7-68	3	301	14,486	3.98	577	21	13,193	3.94	520	1-73		42	642	.02	27	49
12-15-0104	738850	117936	5-67	3	305	15,363	3.66	563	30	12,813	4.06	520	4-72		42	778	-.04	25	53
12-15-0104	738862	117936	4-68	3	287	16,066	3.52	565	20	13,226	3.89	515	3-73		42	821	-.05	26	55
12-15-0104	741990	117936	11-68	2	305	16,025	3.74	599	31	13,255	4.00	530	6-72		40	788	-.02	28	56
12-15-0104	741993	117936	12-68	3	301	16,220	4.11	666	22	13,056	3.94	515	2-73		42	854	.04	38	67
12-15-0104	748614	117936	4-68	3	295	14,550	3.69	537	27	12,763	3.89	497	12-72		42	689	-.02	24	48
12-15-0104	749675	117936	4-69	1	305	15,500	3.70	574	16	12,600	3.89	490	12-71		36	735	.00	28	53
12-15-0104	756131	117936	3-69	2	305	15,335	3.69	566	28	12,680	3.94	500	7-72		40	764	-.02	27	54
12-15-0104	760366	117936	2-70	1	305	15,780	3.87	610	23	14,350	3.81	547	3-73		36	651	.02	27	49
12-15-0126	691137	117936	7-64	4	251	14,657	4.00	587	13	11,475	3.76	432	8-72		44	836	.04	37	65
12-15-0126	691266	123535	11-64	5	305	15,652	3.70	579	18	11,336	3.86	438	11-72		39	766	-.04	24	51
12-15-0126	773336	117936	3-70	1	305	12,520	3.69	462	19	9,350	3.74	350	9-72		36	706	.01	28	52
12-15-0127	650301	119306	3-62	8	305	16,811	4.13	695	11	11,998	4.02	482	6-72		36	765	.05	36	61
12-15-0127	709748	117936	9-66	4	299	15,817	3.95	625	12	12,705	3.98	506	1-73		44	858	.01	34	63
12-15-0127	717925	117936	5-67	4	305	14,842	4.12	611	12	12,170	4.02	489	4-73		44	790	.03	34	61
12-15-0127	735217	117936	4-68	3	305	13,473	4.36	588	15	12,336	4.03	497	2-73		42	605	.05	30	50
12-15-0127	735221	117936	8-68	3	305	14,326	3.94	564	11	13,000	4.05	527	1-73		42	642	.00	25	47
12-15-0127	736524	117936	8-68	3	304	14,750	3.95	582	12	12,896	4.03	520	1-73		42	700	.00	27	51
12-15-0127	739753	117936	1-69	3	305	14,323	4.08	584	8	12,583	3.97	500	3-73		42	680	.03	30	53
12-15-0127	748277	117936	8-69	2	305	16,730	4.30	719	9	11,830	4.02	475	4-73		40	975	.06	45	77
12-15-0127	753743	117936	12-69	2	305	14,640	3.89	570	11	12,920	4.03	521	1-73		40	674	.00	26	49
12-15-0193	739049	117936	10-68	2	218	13,270	3.44	456	6	11,095	3.82	424	11-71	B	40	684	-.04	22	46
12-17-0130	670680	116628	9-63	7	301	18,296	3.79	693	5	15,196	3.82	581	6-72		43	765	.00	29	55
12-18-0168	708774	117936	7-66	5	294	14,766	3.98	587	7	12,934	3.97	513	10-72		44	711	.01	29	53
12-18-0168	708778	117936	8-66	5	301	15,832	3.52	557	8	13,056	3.96	517	11-72		44	836	-.06	25	55
12-18-0168	713791	117936	9-66	4	297	15,620	4.23	660	9	13,767	3.97	546	9-72		44	729	.06	35	59
12-18-0168	723456	117936	11-66	4	290	17,002	3.80	646	10	13,407	3.95	530	10-72		44	935	-.01	35	67
12-18-0168	724161	117936	6-67	2	304	16,610	3.56	591	11	13,340	4.07	543	5-72		40	840	-.05	26	56
12-18-0168	726769	117936	8-66	4	301	18,245	3.86	705	6	12,972	3.97	515	7-72		44	1,131	.00	43	82
12-18-0168	732995	117936	11-67	3	301	17,710	3.47	614	13	13,260	4.02	533	9-72		42	1,007	-.07	30	66
12-18-0168	733958	117936	5-68	3	292	14,926	3.82	570	13	13,250	4.00	530	10-72		42	688	-.01	25	49
12-18-0168	763057	117936	3-69	2	288	16,435	3.83	629	14	13,025	3.97	517	10-72		40	848	-.01	32	61
13-01-0197	739298	117936	7-68	1	305	12,060	3.79	457	13	9,990	3.78	378	3-73		36	634	.01	26	48
13-01-0212	672552	117936	11-63	7	298	16,818	3.42	575	16	14,360	3.59	516	11-72		44	828	-.03	28	57
13-01-0212	680759	117936	10-63	7	305	17,602	3.83	675	21	14,172	3.63	514	4-73		44	949	.03	41	73
13-01-0212	680760	117936	2-64	7	299	17,670	3.59	634	22	14,411	3.64	525	12-72		44	933	-.02	34	66
13-01-0212	695782	117936	4-65	6	305	18,161	3.78	687	22	14,603	3.63	530	1-73		44	977	.03	41	74
13-01-0212	695793	117936	8-65	5	301	16,562	3.31	548	18	14,280	3.69	527	11-72		44	804	-.06	23	52
13-01-0212	709862	117936	5-66	5	303	17,824	3.69	657	19	14,328	3.71	531	8-72		44	962	.00	37	70
13-01-0212	723365	117936	2-67	4	305	16,062	3.34	536	16	14,662	3.64	534	10-72		44	695	-.05	21	46
13-01-0212	723372	117936	7-66	4	305	18,165	3.40	617	14	14,925	3.56	531	2-73		44	929	-.04	31	64
13-01-0212	723375	117936	4-67	4	300	16,197	4.31	698	18	14,875	3.58	532	3-73		44	690	.12	41	62
13-01-0212	729674	117936	9-67	3	302	17,356	3.42	594	22	15,520	3.62	562	2-72		42	758	-.03	25	52
13-01-0212	732075	117936	12-67	3	304	17,610	3.58	631	13	14,850	3.68	546	10-72		42	849	-.01	31	61

TABLE 1. AYRSHIRE USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S DAYS	AVERAGE PRODUCTION MILK (LB)	AVERAGE PRODUCTION FAT (%)	AVERAGE PRODUCTION FAT (LB)	HERDMATE NO.	HERDMATE MILK (LB)	HERDMATE AVERAGES FAT (%)	HERDMATE AVERAGES FAT (LB)	LAST T CALVD	LAST T C	LAST T REPT	LAST T REPT (%)	INDEX COW MILK	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
13-01-0212	737121	117936	5-68	3	305	16,683	3.55	593	13	13,863	3.70	513	9-72		42		833	-.03	29	$ 58
13-01-0212	737123	117936	5-68	3	301	17,423	3.70	645	14	14,600	3.62	529	12-72		42		851	.01	34	63
13-01-0212	749542	117936	10-69	2	305	19,280	3.17	611	21	14,775	3.59	531	2-73		40		995	-.07	29	65
13-01-0212	751695	129110	8-69	2	305	19,170	3.44	659	24	15,205	3.66	556	10-72		39		887	-.11	20	53
13-01-0212	752861	117936	9-69	2	300	18,015	3.65	657	19	14,870	3.60	535	12-72		40		859	.00	33	63
13-01-0212	755831	117936	12-69	1	305	20,000	3.49	697	19	14,480	3.82	553	3-72		36		958	-.03	33	67
13-01-0212	761675	129110	4-70	1	305	17,070	3.87	661	25	13,540	3.81	516	6-72		35		728	-.07	19	46
13-01-0274	730618	117936	10-67	3	304	12,710	3.90	496	14	10,290	4.03	415	10-71		42		705	.00	27	51
13-01-0274	739021	117936	9-68	2	305	17,350	3.87	671	27	13,155	3.68	484	10-72		40		930	.02	39	71
13-01-0274	743342	117936	1-68	3	274	12,016	3.99	479	12	9,783	4.13	404	3-73	B	42		672	.00	26	49
13-01-0274	754621	117936	11-69	1	305	14,210	3.93	559	7	9,100	3.98	362	5-72		36		847	.01	34	63
13-01-0365	718125	117936	3-67	4	299	15,327	3.95	605	15	13,095	3.73	488	1-73		44		759	.04	34	59
13-01-0395	730965	117936	12-67	2	305	13,545	4.48	607	13	11,495	4.12	474	6-72		40		679	.06	33	55
13-01-0395	733293	117936	12-67	1	305	13,400	4.30	576	17	10,030	4.04	405	6-72		36		732	.04	33	57
13-01-0395	742361	117936	12-68	2	305	14,835	4.00	594	15	11,020	4.11	453	6-72		40		848	.01	34	63
13-01-0398	761753	117936	3-69	2	305	15,400	3.38	521	10	11,165	3.90	435	10-72		40		894	-.05	28	60
13-01-0418	665306	117936	3-63	6	299	15,815	3.71	587	14	11,540	3.90	450	12-71		44		990	-.02	36	70
13-01-0418	685333	117936	10-64	7	289	14,122	3.82	539	14	11,798	3.89	459	4-73		44		745	.00	29	55
13-01-0418	712974	117936	12-66	5	289	13,102	4.06	532	17	11,824	3.91	462	12-72		44		611	.04	28	48
13-01-0418	712975	117936	12-66	4	304	17,252	3.79	654	12	12,335	3.88	478	3-72		44		1,072	.00	41	78
13-01-0418	734022	117936	6-68	3	293	13,546	4.02	545	21	12,136	4.02	488	10-72		42		631	.01	26	47
13-01-0418	749024	117936	9-69	2	305	17,350	3.65	633	17	12,170	3.95	481	12-72		40		1,010	-.03	35	70
13-01-0418	764864	117936	9-70	1	305	14,310	3.61	517	7	10,840	3.87	420	4-73		36		751	-.01	28	54
13-01-0542	731807	117936	9-67	4	284	14,047	4.34	609	7	11,165	3.91	436	3-73		44		791	.07	39	65
13-01-0542	748321	130362	8-69	1	305	16,230	3.97	645	16	8,870	4.02	357	6-72		24		653	-.01	24	47
13-02-0012	652214	117936	7-62	8	298	15,187	3.77	573	24	12,485	4.11	513	10-71		44		812	-.03	28	56
13-02-0012	662751	117936	4-63	8	287	15,456	4.33	670	17	12,941	4.13	534	1-73		44		799	.06	38	64
13-02-0012	680613	117936	6-64	6	301	14,523	4.06	590	19	12,741	4.16	530	3-72		44		699	.01	28	52
13-02-0012	696822	117936	7-65	5	296	13,654	4.15	566	19	12,098	4.19	507	10-72		44		654	.01	27	49
13-02-0012	709981	117936	9-66	4	294	16,005	3.92	628	21	12,817	4.15	532	3-73		44		870	-.01	32	62
13-02-0012	721242	117936	5-66	5	302	18,024	4.23	763	20	12,522	4.22	528	11-72		44		1,174	.04	51	91
13-02-0012	723853	117936	1-67	3	305	17,803	3.95	703	20	12,223	4.08	499	6-72		42		1,113	.00	43	81
13-02-0012	723854	117936	1-67	3	293	14,953	4.34	649	17	13,006	4.15	540	1-72	H	42		713	.04	33	57
13-02-0012	723856	117936	3-67	4	300	16,737	4.14	693	19	12,682	4.15	526	1-73		44		974	.03	41	74
13-02-0012	723857	117936	4-67	4	284	15,165	4.24	643	23	12,682	4.13	524	3-73		44		780	.04	35	61
13-02-0012	723861	101527	7-67	3	305	18,713	4.19	784	28	13,733	4.22	579	8-72		42		602	.04	28	48
13-02-0012	730138	117936	8-67	3	294	15,906	4.29	683	21	12,070	4.11	496	6-72	H	42		909	.05	41	71
13-02-0012	730142	117936	2-68	3	305	13,023	4.15	540	19	11,223	4.10	460	6-72		42		655	.02	28	50
13-02-0012	738259	117936	8-68	2	305	16,475	4.22	696	23	12,860	4.18	538	2-72		40		866	.03	37	66
13-02-0012	744415	117936	5-67	4	297	16,200	4.22	684	22	12,817	4.16	533	2-73		44		894	.04	39	69
13-02-0012	744418	117936	2-69	2	305	13,415	4.26	572	21	11,625	4.08	474	7-72		40		655	.04	30	52
13-02-0012	744422	117936	3-69	2	290	13,810	4.28	591	27	11,660	4.09	477	5-72		40		692	.03	31	54
13-02-0012	745660	117936	3-69	2	274	12,845	4.38	562	26	11,415	4.21	481	1-73		40		614	.04	28	48
13-02-0012	745662	117936	4-69	2	291	12,510	4.57	572	22	11,190	4.30	481	10-72		40		599	.05	29	49
13-02-0012	755125	117936	4-69	2	295	16,045	4.28	687	28	11,825	4.22	499	1-73		40		906	.03	39	70
13-02-0012	755128	117936	6-69	2	302	15,830	4.14	656	33	12,295	4.20	516	1-73		40		846	.02	35	64
13-02-0012	755131	117936	7-69	1	289	14,700	4.26	626	21	11,360	4.33	492	12-71	H	36		749	.02	31	56
13-02-0012	758376	117936	6-70	1	305	16,010	4.13	662	25	12,090	4.20	508	9-72		36		803	.02	33	60
13-02-0015	670290	117936	3-63	1	288	12,680	4.38	555	7	11,090	4.00	444	3-72		36		615	.04	29	49
13-02-0015	747863	117936	1-68	2	293	13,365	3.61	483	5	11,300	3.95	446	2-73		40		677	-.03	23	47
13-02-0015	770958	117936	6-69	1	305	15,210	4.08	620	7	11,090	4.00	444	3-72		36		803	.02	34	61
13-02-0089	694992	117936	12-63	6	301	13,303	4.59	611	5	11,578	4.00	463	5-72		44		662	.10	38	59
13-02-0089	702309	117936	10-65	6	300	15,271	4.42	675	6	12,315	4.04	498	2-73		44		840	.08	42	69
13-02-0089	758099	117936	9-69	2	296	14,070	4.12	580	7	12,775	4.09	522	9-72		40		628	.02	27	48
13-02-0099	697280	117936	8-65	5	298	16,788	3.88	651	11	13,020	4.09	532	9-72		44		963	-.01	36	69
13-02-0099	706512	117936	6-66	4	293	14,835	4.06	603	11	12,937	4.07	527	10-72		44		714	.01	29	53
13-02-0099	713789	117936	8-66	4	305	17,730	3.62	641	10	13,032	4.04	527	11-72		44		1,062	-.05	34	72
13-02-0099	715231	117936	10-66	4	302	15,365	3.94	605	11	12,982	4.04	524	9-72		44		777	.00	30	57
13-02-0099	715232	117936	11-66	3	305	18,116	4.48	811	9	13,263	4.01	532	10-71		42		1,053	.10	53	87
13-02-0099	723464	117936	7-67	3	299	15,550	4.10	638	13	12,930	4.04	523	9-72		42		789	.03	34	61
13-02-0099	723465	117936	8-67	3	298	16,513	4.25	701	13	12,960	4.07	527	9-72		42		897	.04	40	70
13-02-0099	739087	117936	5-68	2	305	15,085	4.36	657	10	13,365	3.93	525	9-72		40		683	.06	34	56
13-02-0105	663825	117936	5-63	7	302	12,024	4.26	512	20	9,802	4.15	407	12-72	B	44		680	.04	31	54
13-02-0105	684534	117936	7-64	6	305	12,125	4.16	505	15	10,016	4.05	406	3-72		44		671	.03	30	52
13-02-0105	726014	117936	9-67	2	274	14,645	3.89	570	24	10,190	4.03	411	1-73	B	40		897	.00	35	66
13-02-0105	740885	117936	10-68	2	266	12,275	3.89	477	22	9,940	4.00	398	2-73	B	40		676	.00	26	49
13-04-0501	698227	117936	9-65	5	305	16,860	4.14	698	13	13,206	3.85	508	3-73		44		953	.06	44	76
13-04-0501	724893	117936	9-67	3	305	17,526	3.53	618	8	13,076	3.80	497	10-72		42		1,003	-.04	34	69
13-04-0501	732986	117936	4-68	3	301	17,946	3.29	591	7	13,083	3.84	503	9-72		42		1,050	-.06	30	68
13-04-0501	736887	117936	6-68	3	305	17,040	3.70	630	7	13,423	3.78	507	12-72		42		915	-.01	34	66
13-04-0501	736888	117936	7-68	3	305	16,126	3.71	673	8	14,023	3.79	531	12-72		42		984	-.01	37	71
13-06-0024	761617	117936	10-69	1	305	12,600	4.46	562	43	11,220	3.95	443	9-72		36		601	.06	30	50
13-06-0130	659671	117936	1-63	7	300	14,298	4.27	610	9	11,960	3.95	473	4-73		44		751	.06	37	62
13-06-0130	677410	117936	9-63	4	297	14,915	3.95	589	8	11,810	3.86	456	2-73		44		835	.02	35	63
13-06-0130	697914	117936	8-65	5	301	15,028	4.03	605	9	12,112	3.97	481	6-72		44		830	.02	35	63
13-06-0130	697920	117936	12-65	5	300	15,016	3.85	578	7	10,906	4.03	439	12-72		44		952	-.01	36	69
13-06-0130	708356	117936	12-65	5	296	13,682	4.31	590	8	12,226	3.86	472	2-73		44		644	.07	34	58
13-06-0130	715317	117936	11-66	4	283	14,567	3.58	522	9	12,232	3.86	472	8-72		44		750	-.03	25	51
13-06-0130	715318	117936	12-66	4	303	16,145	4.00	646	7	10,920	3.95	431	2-73		44		1,075	.02	44	81
13-06-0130	721719	117936	3-67	4	285	13,752	4.01	552	8	11,420	3.96	452	2-73		44		730	.02	31	56
13-06-0130	730347	117936	7-67	4	300	14,395	3.85	554	8	11,927	4.00	477	12-72		44		759	-.01	28	54
13-06-0130	730350	117936	1-68	3	300	17,036	3.66	624	8	11,133	3.98	443	9-72		42		1,125	-.03	39	76
13-06-0130	737961	117936	7-68	3	296	13,966	4.03	563	8	11,206	4.02	450	12-72		42		765	.02	32	58
13-06-0130	741744	117936	11-68	2	294	13,410	3.73	500	8	11,230	3.92	440	9-72		40		687	-.01	25	49
13-06-0130	745597	117936	2-69	2	305	15,175	3.78	574	5	11,340	4.02	456	12-72		40		857	-.02	31	61

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N FAT (%)
13-06-0130	750105	117936	7-69	1	293	15,970	3.79	606	12	11,230	3.83	430	6-72		36	851	.0
13-06-0130	754282	117936	9-69	2	300	12,730	4.08	519	6	10,830	3.96	429	12-72		40	650	.0
13-06-0219	644487	117936	12-61	8	301	13,508	4.19	566	7	10,251	3.93	403	7-72	B	44	826	.0
13-06-0219	677247	117936	11-63	6	290	13,105	3.95	517	6	10,066	3.93	396	9-72	B	44	793	.0
13-06-0219	716128	117936	4-66	5	286	12,502	3.84	480	10	10,452	3.87	404	6-72		44	675	.0
13-06-0219	716129	117936	4-66	4	298	12,475	4.15	518	14	11,155	3.89	434	1-72		44	598	.0
13-06-0219	731806	117936	7-67	2	224	16,265	3.92	637	8	11,505	3.88	446	12-72	B	40	954	.0
13-06-0219	744048	117936	9-68	3	224	15,846	4.17	661	10	11,380	3.87	440	11-72	B	42	965	.0
13-06-0219	756004	117936	2-69	2	268	12,070	4.24	512	12	10,225	3.74	382	9-72	B	40	632	.0
13-06-0219	756010	117936	10-68	2	278	12,360	3.96	489	12	10,225	3.74	382	7-72		40	662	.0
13-06-0219	759766	117936	8-69	1	305	16,310	4.04	659	9	9,640	3.86	372	5-72		36	972	.0
13-06-0219	759767	117936	9-69	1	305	14,830	3.94	584	16	11,890	3.90	464	11-71		36	727	.0
13-06-0219	759779	117936	9-69	2	255	12,690	4.10	520	16	10,780	3.78	408	10-72	B	40	650	.0
13-06-0219	772798	117936	8-70	1	56	14,220	4.43	630	5	10,410	3.76	391	3-73	B	36	770	.0
13-06-0649	732608	117936	5-67	1	305	17,570	3.80	667	50	9,100	3.86	351	7-72		36	1,098	.0
13-06-0649	757622	117936	6-67	1	305	12,130	4.47	542	50	9,100	3.86	351	7-72		36	692	.0
13-06-0649	760197	117936	7-69	1	305	12,410	4.02	499	50	9,100	3.86	351	7-72		36	713	.0
13-06-0649	760202	117936	7-69	1	305	14,040	3.78	531	53	9,150	3.87	354	8-72		36	832	.0
13-06-0649	766644	117936	8-69	1	274	12,500	3.78	473	53	9,150	3.87	354	8-72		36	717	.0
13-09-0106	747030	117936	9-68	1	59	12,100	3.99	483	32	10,270	3.66	376	9-71	B	36	620	.0
13-09-0252	722406	117936	1-66	4	302	16,557	4.05	671	25	13,122	3.83	502	6-72		44	908	.0
13-09-0252	723694	117936	6-67	4	305	17,842	3.54	632	30	14,185	3.70	525	11-72		44	962	-.0
13-09-0322	732840	117936	3-68	3	290	12,970	3.93	510	22	11,450	3.81	436	11-72		42	628	.0
13-09-0322	733330	117936	3-68	3	305	15,816	3.45	545	30	12,073	3.87	467	3-73		42	898	-.0
13-09-0322	734516	117936	3-68	3	301	15,426	4.10	633	32	11,890	3.84	457	2-73		42	870	.0
13-09-0322	745986	117936	1-69	2	305	13,990	3.95	553	20	11,205	3.86	432	5-72		40	748	.0
13-09-0322	745987	117936	3-69	2	305	15,515	4.03	625	22	11,680	3.85	450	7-72		40	864	.0
13-09-0322	746001	117936	2-69	3	305	14,706	4.35	639	20	11,966	3.85	461	3-73		42	780	.0
13-09-0322	751733	117936	8-69	2	302	14,595	3.77	550	22	11,855	3.82	453	11-72		40	756	.0
13-09-0322	778270	117936	5-69	1	305	13,470	3.95	532	21	11,830	3.75	444	9-72		36	629	.0
13-09-0322	786157	117936	11-70	1	305	13,050	4.05	529	28	11,870	3.75	445	2-73		36	596	.0
13-09-0322	786158	117936	12-70	1	305	14,180	3.36	476	28	11,870	3.75	445	2-73		36	680	-.0
13-09-0322	788862	117936	2-70	1	305	12,840	4.13	530	25	11,650	3.79	442	7-72		36	593	.0
13-09-0322	794583	117936	9-68	1	305	14,170	3.63	515	23	12,160	3.71	451	12-72		36	662	.0
13-09-0427	665933	117936	3-63	8	301	16,543	3.92	649	21	13,077	3.84	502	9-72		44	925	.0
13-09-0427	690928	117936	2-65	6	303	17,693	3.89	689	20	13,943	3.89	543	4-73		44	984	.0
13-09-0427	714724	117936	9-66	4	291	14,900	4.33	645	17	13,655	3.86	527	12-72		44	651	.0
13-09-0427	721371	117936	6-67	3	305	16,473	3.58	590	19	13,093	3.95	517	8-72		42	880	-.0
13-09-0427	721374	117936	2-67	4	303	18,825	3.46	651	19	13,310	3.94	525	9-72		44	1,170	-.0
13-09-0427	727245	117936	7-67	3	296	14,843	3.83	569	20	12,970	3.93	510	9-72		42	704	.0
13-09-0427	727249	117936	10-67	3	297	16,380	3.96	649	20	13,080	3.97	519	8-72		42	870	.0
13-09-0427	731966	117936	7-67	3	302	15,333	3.83	588	17	13,780	4.06	559	7-72		42	686	-.0
13-09-0427	735346	117936	6-68	3	294	14,216	3.95	562	17	13,090	3.85	504	11-72		42	621	.0
13-09-0427	738242	117936	11-68	2	302	16,090	3.59	577	19	12,965	4.04	524	8-72		40	818	-.0
13-09-0427	738251	117936	12-68	3	232	19,693	3.95	778	10	14,400	3.90	561	1-73	B	42	1,130	.0
13-09-0427	747459	117936	6-69	2	305	19,970	3.67	733	19	12,965	4.04	524	8-72		40	1,212	-.0
13-09-0427	747460	117936	7-69	2	305	17,025	3.73	635	19	12,995	3.97	516	10-72		40	910	-.0
13-09-0427	751311	117936	11-69	2	295	15,325	4.08	625	10	13,965	3.95	552	1-73		40	659	.0
13-09-0736	705895	117936	1-66	6	291	12,820	4.02	516	11	11,740	3.89	457	4-73		44	583	.0
13-09-0736	708251	117936	7-66	3	298	14,956	3.74	559	10	11,596	3.93	456	10-71		42	843	-.0
13-09-0736	708252	117936	7-66	5	301	13,004	4.04	525	12	11,778	3.94	464	3-73		44	603	.0
13-09-0736	735549	117936	12-67	3	289	14,690	3.72	547	14	11,306	4.00	452	3-73		42	839	-.0
13-09-0736	735594	117936	9-66	4	295	16,602	3.85	640	15	11,515	4.02	463	10-72		44	1,072	-.0
13-09-0736	750838	117936	10-68	3	220	14,186	3.73	529	13	12,356	4.01	495	12-72		42	685	-.0
13-09-0736	750843	117936	11-68	2	305	12,905	4.03	520	12	11,375	4.02	457	3-73		40	624	.0
13-09-0736	764114	117936	4-69	2	303	15,055	3.85	579	16	11,465	4.00	459	2-73		40	835	.0
13-10-0029	757667	129416	1-70	1	294	19,560	3.59	702	16	10,830	3.70	401	7-72		22	787	-.0
13-10-0029	772699	131941	7-70	1	305	18,290	3.56	652	24	10,730	3.71	398	10-72		19	701	-.0
13-11-0217	673149	117936	12-63	6	301	12,785	4.29	549	7	11,673	4.02	469	6-72		44	586	.0
13-11-0217	699923	117936	11-65	4	305	17,122	3.85	659	9	11,932	3.95	471	4-72		44	1,095	.0
13-11-0217	748560	117936	11-68	2	292	16,430	3.60	591	8	12,240	3.98	487	11-72	B	40	911	-.0
13-11-0504	635536	117936	12-59	4	305	13,147	4.43	582	6	10,635	3.89	414	11-71		44	733	.0
13-11-0504	728663	117936	5-67	2	305	13,480	3.66	493	6	10,760	3.89	419	4-73		40	732	-.0
13-11-0504	759874	117936	12-67	1	305	13,370	3.89	520	6	11,250	3.95	444	3-72		36	657	.0
13-11-0504	759875	117936	12-67	1	305	14,550	3.91	569	5	11,200	3.88	434	11-72		36	747	.0
13-12-0007	715482	117936	6-66	4	292	14,362	3.77	541	17	11,157	3.70	413	1-73		44	831	.0
13-12-0007	728322	117936	8-67	3	305	15,683	3.77	591	11	10,776	3.80	410	10-72		42	1,002	.0
13-12-0007	741367	117936	2-69	2	305	13,985	3.58	501	20	10,930	3.71	405	1-73		40	770	-.0
13-12-0007	743169	117936	2-69	2	305	15,405	3.69	569	23	11,195	3.69	413	12-72		40	892	.0
13-12-0007	751697	117936	1-69	2	305	13,840	3.61	499	17	12,195	3.76	458	10-72		40	652	-.0
13-12-0007	762533	117936	2-69	3	284	13,346	3.45	460	12	11,250	3.70	416	2-73		42	690	-.0
13-12-0007	762534	117936	7-69	2	305	13,770	3.78	521	15	11,015	3.69	407	4-73		40	741	.0
13-12-0174	721215	117936	5-67	4	303	16,547	3.69	610	26	12,100	3.79	458	12-72		44	1,008	-.0
13-12-0174	726601	117936	5-67	3	303	14,346	3.79	543	39	12,416	3.78	469	9-71		42	698	.0
13-12-0174	727151	127038	9-67	3	286	17,413	3.45	601	13	12,597	3.63	457	6-72		32	770	-.0
13-12-0174	738405	117936	9-68	1	305	14,440	4.09	590	26	11,680	3.76	439	9-72		36	711	.0
13-12-0174	750717	117936	8-69	1	305	14,740	3.69	544	31	12,640	3.80	480	8-71		36	676	.0
13-12-0174	750718	117936	8-69	2	305	14,915	4.01	598	34	11,990	3.80	456	10-72		40	778	.0
13-14-0133	739556	117936	12-68	2	280	12,975	3.88	503	7	11,620	3.76	437	8-72		40	611	.0
13-14-0133	755728	117936	6-69	2	305	14,205	3.97	564	6	10,910	3.73	407	1-73		40	793	.0
13-14-0171	747104	117936	12-68	2	305	16,300	4.12	672	22	12,260	3.95	484	9-72		40	896	.0
13-14-0171	764385	117936	8-67	3	296	15,693	3.56	558	13	12,646	3.93	497	1-73		42	831	-.0
13-14-0171	764388	117936	11-67	1	305	18,750	3.96	742	20	12,180	3.96	482	9-72		36	1,002	.0
13-14-0171	764390	117936	5-69	1	305	19,690	3.52	693	18	12,420	3.97	493	10-72		36	1,058	-.0
13-14-0171	764391	117936	7-69	1	305	14,550	3.80	553	20	12,180	3.96	482	9-72		36	689	.0

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	T C	REPT D	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
13-14-0180	709444	117936	10-65	5	253	13,594	4.31	545	10	11,306	3.97	449	12-72	B	44	728	.02	31	$ 56
13-14-0180	736877	117936	9-68	2	221	12,255	4.17	511	12	10,800	3.81	411	10-72	B	40	604	.05	29	49
13-14-0180	744288	117936	1-69	1	305	14,850	3.46	514	19	12,590	3.79	477	1-72		36	687	-.02	24	48
14-10-0001	710369	117936	12-63	6	302	15,370	3.72	571	21	11,263	3.96	446	4-72		44	961	-.02	34	68
14-10-0001	718898	117936	8-66	4	304	15,845	3.84	608	17	11,362	4.10	466	11-72		44	994	-.02	36	71
14-10-0001	732921	117936	8-67	3	305	16,656	3.79	632	18	11,820	4.03	476	8-72		42	1,018	-.02	37	72
14-12-0001	589683	102091	12-58	9	303	14,212	4.44	631	28	12,053	3.99	481	6-72		43	480	.12	33	47
14-12-0001	691506	126011	3-65	6	302	15,055	3.77	567	36	12,033	3.95	475	9-72		41	786	-.05	24	52
14-12-0001	712744	117936	10-66	5	305	15,864	3.86	613	31	12,752	3.85	491	1-73		44	871	.01	35	65
14-12-0001	715558	117936	2-67	4	297	15,342	4.10	629	26	12,972	3.83	497	1-73		44	773	.05	36	62
14-12-0001	719755	117936	4-67	4	305	16,375	4.05	664	28	12,715	3.88	493	10-72		44	926	.03	40	71
14-12-0001	726902	117936	12-66	4	293	15,140	4.10	620	33	12,857	3.85	495	10-72		44	759	.05	35	60
14-12-0001	726912	117936	10-67	2	305	16,795	3.75	629	31	12,855	3.81	490	11-71		40	898	-.01	34	65
14-12-0001	726913	117936	10-67	3	305	16,216	3.79	615	24	13,120	3.92	514	5-72		42	848	-.01	32	61
14-12-0001	733272	117936	12-67	3	300	14,923	3.56	531	28	12,536	3.80	476	9-72		42	753	-.02	26	52
14-12-0001	739664	117936	8-68	2	305	14,405	3.77	543	20	13,060	3.82	499	3-72		40	639	.00	25	47
14-12-0001	739665	117936	8-68	2	305	15,130	3.57	540	25	12,530	3.73	467	9-72		40	756	-.02	27	53
14-12-0001	739671	117936	10-68	3	295	14,623	3.65	534	27	13,310	3.75	499	1-73		42	647	-.01	24	46
14-12-0001	745785	117936	1-69	3	294	15,123	3.43	518	27	13,293	3.74	497	1-73		42	706	-.04	22	47
14-12-0069	764341	117936	7-69	2	305	20,575	3.39	697	8	13,210	3.81	503	4-73		40	1,253	-.06	40	84
14-12-0202	637696	117936	8-61	7	298	12,497	3.69	461	21	9,862	3.91	386	8-72		44	735	-.02	26	52
14-12-0202	701471	117936	11-65	3	305	12,690	4.08	518	19	9,986	3.92	391	1-72		42	731	.03	32	57
14-12-0202	701472	117936	12-65	4	305	14,017	3.73	523	7	11,065	3.99	441	2-73		44	798	-.02	28	56
14-12-0202	706238	117936	4-66	4	305	14,252	4.10	584	15	10,397	3.86	401	4-72		44	893	.04	40	70
14-12-0202	713656	117936	1-67	4	290	12,182	3.87	472	19	9,972	3.88	387	1-73		44	679	.01	27	50
14-12-0202	745679	117936	12-68	2	305	13,400	3.54	474	15	10,285	3.76	387	12-72		40	763	-.02	27	54
14-12-0202	759562	117936	11-69	1	305	13,130	3.83	503	8	9,810	3.79	372	2-73		36	725	.01	29	54
14-12-0217	667972	117936	5-63	7	305	12,391	3.88	481	12	9,651	3.89	375	12-72		44	743	.01	30	55
14-12-0321	730369	126732	10-67	3	303	15,193	3.80	578	15	9,823	3.87	380	7-72		32	706	-.02	25	50
14-12-0321	734427	117936	10-67	3	298	13,330	3.69	492	18	9,960	3.84	382	7-72		42	807	-.01	30	58
14-12-0321	764339	117936	7-70	1	303	13,220	3.66	484	19	9,650	3.68	355	11-72		36	741	.00	29	54
14-13-0070	726406	117936	6-67	3	259	15,706	3.43	539	17	12,736	3.82	487	2-73	B	42	825	-.05	26	55
14-14-0078	661914	117936	1-63	7	305	15,458	4.26	659	20	11,710	4.12	482	12-72		44	927	.05	42	73
14-14-0078	726313	117936	8-67	2	305	15,285	4.32	661	16	11,755	4.10	482	10-71		40	834	.05	38	66
14-14-0078	743370	117936	3-69	2	305	14,455	4.03	582	15	10,910	3.99	435	7-72		40	819	.02	34	62
14-14-0078	744191	117936	4-69	2	305	12,990	3.83	497	15	11,110	3.99	443	7-72		40	654	.00	25	48
14-14-0078	746027	117936	4-69	1	305	18,030	4.20	758	10	12,330	3.88	478	5-72		36	939	.05	42	73
14-14-0078	747552	117936	5-69	2	305	15,985	3.96	633	20	11,840	3.93	465	12-72		40	899	.02	37	68
14-14-0078	749103	117936	5-69	2	305	14,655	4.24	621	18	11,250	3.98	448	8-72		40	812	.05	37	64
14-14-0078	754888	117936	12-68	2	293	20,735	4.30	891	23	13,225	3.86	510	11-72		40	1,268	.08	59	101
14-14-0092	733203	117936	2-68	2	305	13,420	4.22	566	10	11,785	4.01	472	8-72		40	643	.03	29	50
14-14-0092	733204	117936	5-68	3	305	19,960	3.56	711	7	12,383	3.95	489	4-73		42	1,346	-.05	45	92
14-14-0092	741362	117936	10-68	2	305	14,555	4.05	589	5	10,015	3.98	399	7-72		40	902	.03	38	69
14-14-0092	741364	117936	12-68	2	305	17,195	3.94	677	7	11,675	3.90	455	1-73		40	1,035	.02	42	77
14-14-0092	746270	117936	7-69	1	305	13,350	3.87	516	7	11,590	4.01	465	4-72		36	635	.00	25	47
14-14-0296	729737	117936	8-67	4	273	13,772	3.96	545	22	11,105	4.12	458	1-73		44	763	.00	29	55
14-15-0003	737732	117936	11-68	1	305	19,670	3.25	640	15	15,150	3.97	602	9-71		36	893	-.07	26	50
14-15-0003	743551	117936	3-69	1	305	18,170	4.35	791	16	15,050	3.94	593	10-71		36	788	.06	38	64
14-15-0003	755428	128147	7-68	3	305	18,193	4.34	789	6	12,773	3.99	510	7-72		33	870	.06	41	70
14-15-0003	755549	117936	3-70	1	305	20,130	3.53	710	19	14,260	3.79	541	12-72		36	981	-.02	35	69
14-15-0003	765324	131460	6-70	1	305	20,780	3.72	774	11	14,570	3.88	565	10-72		30	727	-.02	25	51
14-16-0015	702999	119673	10-65	3	296	20,823	4.06	846	20	16,756	3.73	625	8-71		41	614	.05	30	50
14-16-0015	739023	117936	9-68	1	260	22,330	4.01	896	20	16,480	3.73	615	8-71	B	36	1,012	.04	44	78
14-16-0109	724155	117936	1-67	3	268	13,556	3.94	534	12	11,203	4.21	472	11-71		42	718	-.01	26	51
14-16-0109	731495	117936	12-67	4	256	15,670	4.07	638	9	11,560	4.17	482	12-72	B	44	953	.01	38	71
14-16-0109	741616	117936	3-68	3	252	16,430	4.19	689	7	11,526	4.21	485	1-73	B	42	1,019	.03	43	77
14-16-0109	747533	117936	1-69	2	298	13,540	4.56	617	6	11,880	4.14	492	10-72		40	647	.07	33	54
14-16-0109	765168	117936	2-70	1	186	16,350	4.18	684	6	11,710	4.16	487	12-72	B	36	851	.03	36	65
14-16-0109	765169	117936	2-70	1	260	14,090	4.49	632	9	11,710	4.11	481	10-72	B	36	683	.05	32	55
14-16-0207	725011	122242	1-67	4	305	14,300	4.10	586	21	10,777	3.86	416	9-72		42	585	.03	26	46
14-17-0040	747465	117936	5-69	1	31	12,610	4.45	561	5	10,820	4.31	466	12-71	B	36	626	.03	28	49
15-11-0115	729969	117936	2-68	3	243	13,566	3.52	478	7	10,816	3.79	410	9-72	B	42	755	-.03	26	52
15-11-0116	729346	117936	5-67	3	301	15,050	3.84	578	17	11,556	3.85	445	8-72		42	858	.01	34	63
15-11-0116	743175	117936	2-69	2	288	13,350	3.75	501	19	11,130	3.83	426	8-72		40	689	.00	26	50
15-11-0116	756910	117936	7-69	2	302	13,295	3.68	489	10	11,460	3.80	435	1-73		40	656	-.01	24	47
15-11-0116	756911	117936	5-69	2	285	13,625	3.73	508	18	11,260	3.86	435	10-72		40	706	-.01	26	51
15-11-0116	776016	117936	1-70	1	305	14,140	3.37	476	19	11,260	3.79	427	8-72		36	713	-.03	24	49
15-11-0131	739508	117936	7-66	4	305	16,377	3.86	632	17	12,685	3.85	488	5-72		44	929	.01	37	69
15-11-0131	739510	117936	3-67	4	305	15,180	4.24	643	13	12,887	3.81	491	9-72		44	761	.07	38	63
15-11-0131	747145	117936	9-66	4	305	16,805	3.90	655	13	12,637	3.79	479	9-72		44	987	.02	41	75
15-11-0131	750348	117936	2-67	4	303	13,385	3.98	533	17	12,252	3.83	469	2-73		44	602	.03	27	47
15-11-0131	758827	117936	10-67	3	305	14,626	3.79	555	12	12,883	3.78	487	11-72		42	687	.00	27	51
15-11-0131	794565	117936	6-70	1	293	14,540	3.61	525	18	12,700	3.76	477	8-72		36	657	.00	25	48
15-11-0131	794566	117936	6-70	1	305	17,400	3.57	622	12	13,050	3.78	493	9-72		36	850	-.01	31	61
15-11-0143	736063	117936	1-68	2	305	15,830	3.78	598	22	11,045	3.80	420	9-71		40	947	.00	37	70
15-11-0143	749704	117936	1-69	2	305	15,385	3.59	552	23	11,215	3.82	428	9-72		40	888	-.03	31	62
15-11-0143	762266	117936	7-69	1	305	13,210	4.17	551	26	11,700	3.82	447	10-72		36	618	.03	28	49
15-11-0152	732933	117936	1-68	2	291	15,945	3.60	574	6	13,585	3.59	488	1-72		40	753	.00	29	55
16-06-0127	708002	117936	2-66	5	303	14,588	3.53	515	15	10,408	3.75	390	12-72		44	949	-.03	33	66
16-06-0127	717532	117936	2-67	4	305	15,032	3.39	510	14	10,332	3.77	390	3-73		44	995	-.05	32	67
16-06-0127	736662	117936	4-68	3	305	12,890	3.82	493	13	10,610	3.77	400	12-72		42	696	.01	28	52
16-06-0127	743777	117936	3-69	2	304	12,130	4.14	502	6	10,265	3.70	380	4-73		40	635	.04	30	51
16-06-0127	750325	117936	5-69	1	305	12,710	3.81	484	13	10,480	3.76	394	2-72		36	653	.01	27	49
16-06-0136	744530	117936	3-69	2	305	14,675	3.93	576	11	12,740	3.74	476	1-73		40	693	.03	30	53
16-06-0136	744532	117936	3-69	1	305	16,260	3.52	573	9	14,050	3.69	519	3-72		36	705	-.01	26	50

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
16-06-0136	759150	124427	10-67	4	304	16,130	3.87	625	15	12,223	3.78	462	1-73		35	662	.00	26	$ 49
16-06-0136	759374	117936	1-69	2	305	14,600	3.66	535	20	11,430	3.92	448	9-72		40	791	-.02	28	56
16-06-0152	639417	116882	4-59	10	300	14,994	3.95	592	39	11,520	4.06	468	7-72		43	603	.03	27	47
16-06-0152	689232	117936	3-65	6	300	15,741	3.95	621	34	11,916	4.15	494	9-72		44	942	.00	36	68
16-06-0152	704554	117936	4-66	4	305	17,785	3.85	684	35	12,607	4.07	513	1-73		44	1,111	-.01	41	80
16-06-0152	706014	125712	4-66	5	305	16,540	4.20	695	40	13,150	4.02	529	2-73	H	43	550	.07	30	48
16-06-0152	708789	117936	7-66	4	305	15,680	3.85	604	28	12,622	4.13	521	11-72		44	849	-.02	30	60
16-06-0152	713277	117936	11-66	3	303	16,703	4.17	697	27	12,270	4.03	495	7-72		42	982	.04	43	76
16-06-0152	714478	117936	1-67	4	302	14,200	4.25	603	33	11,977	4.14	496	9-72		44	730	.04	33	57
16-06-0152	716143	117936	3-67	4	305	18,305	4.15	760	27	12,705	4.13	525	11-72		44	1,165	.03	49	88
16-06-0152	725706	117936	9-67	4	303	15,670	3.92	615	26	12,877	4.15	535	3-73		44	823	-.01	30	59
16-06-0152	725710	117936	6-67	4	305	15,135	4.19	634	26	12,930	4.01	519	4-73		44	751	.04	34	59
16-06-0152	727643	117936	6-67	3	288	14,603	3.77	551	32	13,080	4.11	538	1-73		42	666	-.03	22	46
16-06-0152	729087	117936	11-67	2	275	13,910	3.89	541	28	12,490	3.97	496	7-72		40	635	.00	25	47
16-06-0152	731184	117936	10-67	3	305	14,370	3.95	567	29	12,360	4.20	519	12-72		42	706	-.01	26	51
16-06-0152	735244	117936	3-68	3	284	14,730	3.56	525	30	11,793	4.08	481	7-72		42	799	-.05	25	53
16-06-0152	735249	117936	3-68	3	305	13,410	3.99	535	30	11,793	4.08	481	7-72		42	647	.01	26	48
16-06-0152	736777	117936	4-68	2	305	16,160	3.90	630	26	13,295	4.00	532	3-72		40	798	.00	31	58
16-06-0152	736779	117936	5-68	2	305	17,140	3.90	669	26	13,195	4.00	528	11-72		40	906	.00	35	66
16-06-0152	736780	117936	5-68	2	305	16,880	3.95	666	24	12,340	4.04	498	8-72		40	949	.00	37	70
16-06-0152	736781	117936	5-68	1	305	17,540	3.52	617	24	13,350	4.14	553	12-71		36	842	-.04	27	57
16-06-0152	738374	117936	5-68	2	305	14,345	4.12	591	28	12,415	4.27	530	11-71		40	685	.00	27	50
16-06-0152	738377	117936	7-68	2	305	15,120	3.88	587	26	12,250	4.08	500	10-72		40	778	-.01	29	56
16-06-0152	740631	129110	8-68	2	291	19,160	3.78	725	38	13,075	3.96	518	5-72		39	1,062	-.09	30	68
16-06-0152	741195	117936	9-68	2	305	14,895	3.82	569	24	12,575	4.10	516	11-72		40	728	-.02	26	51
16-06-0152	741874	117936	9-68	2	283	13,970	3.74	523	27	12,360	4.05	500	10-72		40	652	-.02	23	46
16-06-0152	746208	117936	3-69	2	305	14,900	4.32	643	23	13,085	4.02	526	11-72		40	687	.05	33	56
16-06-0152	746537	117936	10-68	2	305	16,185	3.50	567	29	12,110	4.01	486	9-72		40	897	-.05	28	60
16-06-0152	746540	117936	10-68	2	304	15,835	3.95	626	27	11,885	4.02	478	7-72		40	880	.01	35	65
16-06-0152	746542	117936	11-68	2	302	14,955	4.25	636	24	11,720	4.00	469	8-72		40	804	.05	37	64
16-06-0152	746545	117936	2-69	2	276	14,650	3.77	552	25	12,760	4.00	510	10-72	H	40	688	-.01	25	49
16-06-0152	746550	117936	2-69	1	305	15,160	3.98	604	20	12,700	4.24	539	10-71		36	704	.00	27	51
16-06-0152	748011	117936	4-69	2	305	13,710	4.21	577	28	12,465	4.00	498	10-72		40	617	.03	28	49
16-06-0152	748013	117936	5-69	2	297	15,440	3.75	579	24	13,245	4.00	530	11-72		40	729	-.02	26	51
16-06-0152	753110	117936	7-69	2	305	16,705	3.87	646	26	13,310	4.02	535	12-72		40	852	-.01	32	61
16-06-0152	753114	117936	11-69	1	305	16,460	3.90	642	30	11,930	3.76	448	6-72		36	846	.02	35	64
16-06-0152	753117	117936	9-69	1	305	14,530	3.79	551	22	11,000	3.80	418	8-72		36	758	.01	30	56
16-06-0152	753119	117936	9-69	2	305	17,025	3.92	668	26	13,410	3.89	522	2-73		40	877	.01	35	65
16-06-0152	754196	117936	2-70	1	305	17,280	3.85	665	27	12,830	3.90	500	3-73		36	854	.01	34	63
16-06-0152	754202	117936	1-70	1	305	14,900	3.81	568	22	11,000	3.80	418	8-72		36	785	.01	31	58
16-06-0152	761674	129110	7-70	1	305	18,280	3.57	653	60	13,100	3.89	509	11-72		35	848	-.11	19	50
16-06-0152	761726	117936	5-70	1	305	14,590	4.43	647	25	13,140	3.87	508	11-72		36	635	.06	32	53
16-06-0152	767200	117936	7-70	1	305	17,690	3.54	626	27	12,830	3.90	500	3-73		36	884	-.02	31	62
16-06-0152	767763	117936	9-70	1	305	17,200	3.65	627	29	13,270	3.90	518	12-72		36	822	-.01	30	59
16-06-0152	767764	117936	9-70	1	305	16,920	3.45	583	27	12,830	3.90	500	3-73		36	827	-.03	28	57
16-06-0345	676882	117936	11-63	6	295	12,493	4.28	535	10	11,205	4.17	467	3-72		44	596	.03	27	47
16-06-0345	728181	117936	6-67	3	305	13,330	4.02	536	12	11,306	4.18	473	5-72		42	683	.01	27	50
16-06-0345	728183	117936	8-67	3	299	13,100	4.47	586	12	11,296	4.15	469	5-72		42	657	.06	33	54
16-06-0345	734607	117936	1-68	3	305	16,520	4.22	697	12	12,366	4.16	514	1-73		42	952	.03	41	73
16-06-0345	739429	117936	12-67	3	296	13,723	3.79	520	12	12,060	4.10	494	1-73		42	659	-.02	23	46
16-06-0345	739430	117936	3-68	3	293	13,080	4.46	584	13	10,936	4.15	454	4-72		42	688	.06	34	56
16-06-0345	739431	117936	6-68	3	305	13,700	4.40	603	12	12,263	4.08	500	2-73		42	637	.06	32	53
16-06-0345	748575	117936	10-68	3	305	16,126	4.13	666	10	13,083	4.21	551	12-72		42	841	.01	34	63
16-06-0345	763742	117936	6-70	1	305	14,260	3.58	511	9	11,910	3.94	469	3-73		36	684	-.02	24	48
16-06-0348	719998	117936	3-67	4	305	14,502	4.14	601	24	12,315	3.73	459	9-72		44	734	.06	36	60
16-06-0348	727617	117936	10-67	3	305	15,656	3.83	600	24	12,140	3.76	457	11-72		42	874	.01	35	65
16-06-0348	737516	117936	7-68	3	305	14,660	3.76	551	13	12,250	3.70	453	3-73		42	749	.01	30	56
16-06-0348	751479	117936	8-68	3	302	14,330	3.87	555	15	12,440	3.71	461	11-72		42	694	.03	30	53
16-06-0348	757025	117936	1-69	2	305	14,005	3.77	528	11	12,105	3.63	439	12-72		40	676	.02	28	51
16-06-0348	757033	117936	6-69	2	305	13,805	3.95	545	20	12,480	3.66	457	10-72		40	625	.03	28	49
16-06-0348	757036	117936	6-69	1	305	13,470	3.70	498	12	11,310	3.64	412	1-73		36	660	.01	27	49
16-06-0357	694481	116628	7-64	6	299	16,612	3.88	644	10	13,592	3.89	529	3-73		43	712	.00	28	52
16-06-0357	721079	117936	12-66	4	290	14,192	3.95	561	9	13,110	3.91	513	9-72		44	617	.02	26	47
16-06-0357	732999	127185	10-67	3	303	19,130	4.05	774	6	14,210	3.79	539	3-72		41	628	.08	34	54
16-10-0027	703890	117936	11-65	5	305	13,544	4.20	569	11	11,488	3.95	454	11-72		44	703	.05	33	56
16-10-0027	703892	117936	3-66	3	305	14,583	3.70	539	13	11,976	3.92	470	1-72		42	765	-.02	27	54
16-10-0027	709721	117936	9-66	4	296	16,380	4.09	670	11	11,805	3.99	471	11-72		44	1,016	.03	43	77
16-10-0027	721287	117936	6-66	3	305	14,640	4.28	626	15	12,396	3.83	475	10-71		42	733	.07	37	61
16-10-0027	721292	117936	8-66	4	304	14,947	3.71	555	13	12,092	3.84	464	3-73		44	811	-.01	30	58
16-10-0027	735310	117936	10-67	2	305	15,025	3.76	565	10	12,100	3.98	481	11-72		40	780	-.02	28	55
16-10-0027	735313	117936	1-68	3	295	12,686	4.12	523	12	11,316	3.80	430	7-72		42	608	.05	29	49
16-12-0006	669969	106285	9-63	7	302	16,951	3.99	677	23	13,129	3.82	501	3-73		43	597	.04	28	48
16-12-0006	726885	117936	10-67	3	295	16,573	3.60	597	31	13,686	3.71	508	10-72		42	837	-.02	30	59
16-12-0006	737140	129992	9-68	2	305	17,835	3.68	656	19	14,150	3.70	523	2-73		29	696	-.03	23	48
16-12-0006	742839	117936	1-69	2	305	17,470	3.78	661	33	13,475	3.67	494	9-72		40	917	.01	37	68
16-12-0164	674607	117936	8-63	5	291	13,074	3.66	479	8	10,842	3.84	416	8-72		44	709	-.02	25	50
16-12-0164	726081	117936	6-67	4	299	14,860	3.74	556	8	12,625	3.71	468	12-72		44	748	.01	30	56
16-12-0164	727011	117936	8-67	3	305	14,753	3.66	540	7	11,730	3.73	437	4-72		42	808	-.01	30	58
16-12-0164	736185	117936	3-68	2	301	13,810	3.82	527	6	10,910	3.70	404	5-72		40	753	.02	31	57
16-12-0164	773504	117936	10-68	2	305	16,025	3.56	571	10	10,525	3.72	392	8-72		40	1,009	-.02	36	71
16-12-0164	773507	117936	3-69	2	305	13,600	3.95	537	7	12,570	3.79	476	3-73		40	597	.02	26	46
16-12-0164	773509	117936	9-69	1	305	13,360	3.49	466	7	11,250	3.72	418	7-72		36	656	-.01	24	47
16-12-0164	773511	117936	11-69	1	305	17,040	3.41	581	7	13,690	3.68	504	11-72		36	785	-.03	27	55
21-04-0134	690730	117936	4-65	5	305	12,078	4.24	512	22	9,942	3.85	383	4-72		44	673	.06	33	55
21-04-0134	728133	117936	9-67	2	305	14,980	3.64	545	24	9,770	3.78	369	12-71		40	965	-.02	35	69

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT	C D W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
21-04-0134	732091	117936	11-67	2	305	12,900	3.65	471	16	10,230	3.70	379	4-72	40	716	-.01	27	$ 52
21-04-0311	653923	117936	3-62	8	299	15,901	3.75	596	8	13,693	3.71	508	12-71	44	779	.01	31	58
21-04-0311	656620	117936	11-62	7	292	15,984	3.90	624	8	13,550	3.72	504	7-72 B	44	804	.03	35	62
21-04-0311	665397	117936	3-63	8	275	15,003	3.63	545	9	13,555	3.66	496	10-72 B	44	677	.00	26	49
21-04-0311	698851	117936	9-65	5	298	17,450	3.28	573	10	14,182	3.65	517	10-71	44	928	-.07	27	60
21-04-0311	714000	117936	9-66	5	269	16,020	3.63	581	9	14,436	3.62	523	10-72 B	44	718	.00	28	53
21-04-0311	716370	117936	9-66	4	284	14,747	3.95	583	6	13,505	3.67	496	7-72 B	44	647	.04	30	51
21-04-0311	738761	117936	8-68	3	231	19,146	3.11	595	7	15,756	3.50	551	12-72 B	42	942	-.08	26	60
21-04-0311	738764	117936	9-68	3	255	17,330	3.74	649	9	14,900	3.58	533	9-72 B	42	812	.02	34	62
21-05-0407	644722	117936	8-61	1	305	13,400	4.57	612	10	10,740	3.88	417	9-71	36	689	.07	35	57
21-05-0407	721596	117936	5-67	1	305	13,250	3.68	488	12	10,680	3.76	402	6-72	36	682	.00	26	50
21-05-0407	744687	117936	10-66	1	305	16,310	3.86	629	9	12,950	3.76	487	1-72	36	774	.02	32	58
21-05-0407	758973	117936	11-69	3	289	16,140	3.48	561	5	11,420	3.82	436	3-73	42	996	-.04	33	68
21-05-0407	758975	117936	1-70	1	289	12,280	3.81	468	12	10,680	3.76	402	6-72	36	609	.01	25	46
21-05-0422	698248	117936	1-66	5	302	14,746	3.87	570	11	12,064	3.89	469	6-72	44	798	.01	32	59
21-05-0422	706494	117936	3-66	5	296	14,430	3.92	566	12	11,392	3.86	440	7-72	44	827	.02	34	62
21-05-0422	728795	117936	9-67	4	294	14,997	3.67	550	5	12,450	3.86	481	1-73	44	782	-.02	28	55
21-05-0422	728799	117936	1-68	3	294	12,610	3.93	496	8	10,950	3.84	420	9-72	42	633	.02	27	48
21-05-0422	734318	117936	11-67	4	297	13,757	4.06	559	6	12,640	3.81	482	3-73	44	610	.04	29	49
21-05-0422	735145	117936	2-68	3	305	15,323	3.68	564	8	11,896	3.83	456	1-73	42	858	-.02	31	61
21-05-0422	740274	117936	9-68	3	297	13,710	4.21	577	7	11,960	3.80	454	2-73	42	666	.06	33	55
21-05-0422	745276	117936	5-69	2	305	13,145	4.05	533	5	11,015	3.89	428	9-72	40	677	.03	30	53
21-05-0422	747606	117936	6-69	2	293	14,975	3.64	545	6	12,080	3.87	468	12-72	40	777	-.02	27	54
21-05-0422	747608	117936	7-69	2	304	15,805	3.49	551	6	12,080	3.87	468	12-72	40	861	-.04	28	58
21-05-0422	751992	117936	11-69	1	305	15,290	3.52	538	11	11,510	3.85	443	6-72	36	784	-.02	28	55
21-06-0283	674167	117936	11-63	8	300	12,985	3.62	470	6	11,262	3.84	433	3-73	44	654	-.02	23	46
21-06-0283	696977	117936	6-65	6	303	13,371	3.83	512	8	10,810	3.82	413	8-72	44	750	.01	30	56
21-06-0283	719589	117936	12-66	4	302	13,040	3.94	514	7	11,062	3.63	402	8-72	44	677	.04	31	54
21-06-0283	722926	117936	6-66	4	303	14,125	3.53	498	7	12,015	3.75	450	6-72	44	719	-.03	24	49
21-06-0283	730941	117936	10-67	3	305	14,130	3.66	517	6	12,136	3.72	452	6-72	42	698	-.01	26	50
21-06-0283	736466	117936	4-68	3	305	13,213	3.73	493	9	11,393	3.88	442	12-72	42	661	-.01	24	47
21-06-0283	749461	117936	1-69	1	305	14,310	3.72	532	8	10,770	3.86	416	11-71	36	755	.00	29	55
21-08-0246	675041	117936	2-63	8	286	13,456	3.53	475	12	10,878	3.81	414	10-72	44	754	-.03	25	52
21-08-0246	687666	117936	8-64	5	305	12,884	4.04	521	10	11,630	3.75	436	10-71	44	603	.05	29	49
21-08-0246	700588	117936	4-64	7	296	14,091	3.61	508	9	10,967	3.81	418	12-72	44	827	-.02	29	58
21-08-0246	709943	117936	8-66	2	279	14,615	3.34	488	11	11,320	3.87	438	6-72	40	802	-.06	24	53
21-08-0246	729971	117936	10-67	3	305	14,173	3.92	555	22	11,423	3.76	430	10-72	42	769	.03	33	59
21-08-0246	746338	117936	5-69	2	296	14,635	3.85	563	7	11,400	3.93	448	3-73	40	797	.00	31	58
21-08-0246	757565	117936	9-69	1	305	13,240	3.72	493	12	9,930	3.81	378	8-72	36	726	.00	28	53
21-09-0077	669043	117936	8-63	6	303	13,735	4.03	553	21	10,008	3.86	386	6-72	44	880	.03	38	68
21-09-0077	699556	117936	10-65	4	282	13,937	4.05	565	25	10,952	3.76	412	1-72	44	799	.04	36	63
21-09-0077	743861	117936	5-69	2	305	14,905	3.89	580	17	10,030	3.83	384	12-72	40	936	.02	38	70
21-09-0077	752936	117936	9-69	1	305	13,840	3.79	525	20	9,540	4.00	382	9-72	36	794	-.01	30	57
21-09-0081	692205	117936	3-65	5	274	12,622	3.76	475	16	11,074	3.83	424	8-71 B	44	626	.00	24	46
21-09-0081	729616	117936	9-67	2	202	15,295	3.55	543	15	13,550	3.82	518	12-71 B	40	690	-.03	23	47
21-09-0092	735833	117936	2-68	3	305	15,420	3.84	592	8	10,790	4.04	436	9-72	42	971	-.01	36	70
21-09-0092	737210	117936	8-68	3	305	14,523	3.98	578	7	11,363	4.03	458	9-72	42	815	.01	33	61
21-09-0092	759703	117936	10-66	2	305	14,355	4.20	603	8	11,315	4.08	462	8-72	40	776	.03	34	60
21-09-0092	765458	117936	7-66	2	303	13,995	3.82	534	7	11,955	3.88	464	3-73	40	687	.00	27	51
21-09-0092	765460	117936	3-69	2	305	13,150	3.97	522	8	10,970	4.07	446	11-72	40	682	.01	27	50
21-09-0092	765461	117936	3-69	2	305	13,190	3.84	506	8	11,230	4.10	460	8-72	40	664	-.01	24	47
21-09-0254	743807	117936	10-67	3	243	15,006	3.70	555	12	11,990	3.96	475	4-72 B	42	813	-.02	29	57
21-09-0265	740081	117936	11-68	1	305	12,080	4.67	564	11	9,420	4.24	399	9-72	36	670	.05	32	54
21-09-0265	758108	117936	7-68	2	284	14,075	3.64	513	14	10,110	3.96	400	10-72	40	845	-.02	30	60
21-09-0374	663657	117936	3-63	6	288	13,701	4.15	568	12	11,755	3.90	459	3-72	44	695	.05	33	56
21-09-0374	697691	117936	3-65	6	294	15,340	3.84	589	12	12,371	3.89	481	2-72	44	843	.00	33	62
21-09-0374	723051	117936	5-67	4	297	16,527	3.65	604	13	12,715	3.95	502	9-72	44	945	-.04	32	65
21-09-0374	725149	117936	7-66	4	300	14,340	3.72	534	11	12,265	3.93	482	6-72	44	719	-.02	25	50
21-09-0374	737029	117936	6-68	2	305	16,735	4.20	703	10	12,470	3.91	488	4-72	40	924	.05	42	73
21-09-0374	737044	117936	4-68	2	305	19,615	3.84	753	10	13,055	3.85	502	12-71	40	1,168	.01	46	86
21-09-0374	737047	117936	5-68	3	305	15,333	4.16	638	10	12,980	3.88	503	11-72	42	759	.05	36	61
21-09-0374	737050	117936	5-68	2	305	16,285	3.84	625	10	12,465	3.93	490	4-72	40	878	.00	34	64
21-09-0374	741671	117936	10-68	2	278	15,285	3.96	606	9	12,065	3.81	460	4-73	40	809	.02	34	61
21-09-0374	753692	117936	1-70	1	305	14,930	4.00	597	18	12,420	4.01	498	9-72	36	703	.02	29	53
21-09-0387	678014	117936	1-64	6	303	14,030	3.81	534	14	12,125	3.72	451	8-72	44	699	.02	29	53
21-09-0387	724172	117936	8-66	3	300	14,006	3.59	503	8	12,006	3.61	433	4-72	42	696	-.01	26	50
21-09-0387	737061	117936	12-67	3	240	13,480	3.53	476	7	11,296	3.67	415	3-73 B	42	701	-.02	25	49
21-09-0387	737066	117936	10-68	2	257	14,270	3.65	521	11	11,765	3.75	441	12-72 B	40	731	-.01	27	52
21-09-0387	744939	117936	1-69	1	305	13,950	3.48	485	10	12,050	3.59	433	10-71	36	652	-.01	24	47
21-10-0109	613379	117936	7-59	11	300	14,686	3.85	565	22	12,159	3.94	479	11-72	44	781	.00	30	57
21-10-0109	692046	117936	7-64	6	304	16,235	3.73	605	10	12,280	3.97	487	2-72	44	968	-.03	34	68
21-10-0109	704614	117936	3-66	5	294	15,408	4.17	642	18	12,830	4.00	513	1-73	44	804	.05	37	64
21-10-0109	709288	117936	9-66	4	299	14,545	4.06	590	19	13,237	4.02	532	11-72	44	648	.02	27	49
21-10-0109	710862	117936	7-64	5	305	15,286	4.17	638	19	12,602	4.09	515	5-72	44	812	.04	36	63
21-10-0109	710867	117936	9-64	5	301	15,154	4.39	666	18	13,200	4.04	533	1-72	44	734	.08	38	62
21-10-0109	710869	117936	10-64	5	305	15,798	4.20	663	17	12,542	4.07	510	5-72	44	884	.05	40	69
21-10-0109	710874	117936	3-65	5	302	14,760	3.79	559	18	12,610	4.11	518	4-72	44	744	-.03	25	51
21-10-0109	710891	117936	8-66	4	305	14,080	4.21	593	23	12,705	3.98	506	12-72	44	643	.04	30	51
21-10-0109	738695	117936	6-67	3	300	14,673	3.97	583	24	12,813	3.96	507	11-72	42	699	.02	29	53
21-10-0272	755219	117936	2-69	2	305	14,900	3.99	594	8	10,075	4.03	406	9-72	40	932	.01	37	69
21-10-0449	657506	117936	10-62	6	305	18,461	3.84	709	27	11,520	4.00	461	4-72	44	1,334	.00	51	97
21-10-0449	687351	117936	10-63	6	300	16,428	3.96	651	28	12,471	4.02	501	2-72	44	973	.01	39	72
21-10-0449	687678	117936	11-64	5	302	14,576	3.97	579	25	11,704	4.02	470	10-72	44	813	.01	33	61
21-10-0449	687682	117936	11-64	5	299	13,426	4.00	537	28	11,744	4.00	470	7-72	44	661	.01	27	50
21-10-0449	705078	117936	9-65	5	299	14,556	3.93	572	24	12,476	3.98	496	1-73	44	731	.01	29	54

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	T C	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-10-0449	717941	117936	9-66	4	305	16,082	4.03	648	26	12,697	4.01	509	6-72		44	891	.02	37	$ 67
21-10-0449	719550	117936	1-66	5	300	13,982	3.95	552	25	12,212	4.00	489	1-73		44	684	.00	27	50
21-10-0449	719552	117936	10-66	3	305	18,013	3.86	695	30	12,423	4.03	501	7-72		42	1,119	-.01	42	81
21-10-0449	728603	117936	9-67	3	286	14,243	3.92	559	30	12,133	4.05	491	9-72		42	712	.00	27	52
21-10-0449	728609	117936	11-67	3	302	14,573	3.88	566	23	12,163	4.04	491	5-72		42	747	-.01	28	54
21-10-0449	728611	117936	11-67	3	305	17,603	3.95	695	27	12,106	4.06	491	8-72		42	1,101	.00	43	81
21-10-0449	736974	117936	1-68	2	305	15,585	3.75	584	26	13,000	4.04	525	7-72		40	764	-.02	27	54
21-10-0449	737737	117936	8-68	3	295	14,306	3.86	552	17	11,953	4.03	482	3-73		42	736	-.01	27	53
21-10-0449	738791	117936	3-68	3	292	15,216	3.92	596	24	12,226	4.02	491	10-72		42	815	.00	32	60
21-10-0449	738794	117936	6-68	1	202	15,070	3.99	601	26	11,960	4.07	487	9-71	B	36	741	.01	30	55
21-10-0449	738804	117936	9-68	2	305	17,495	3.96	692	21	12,425	4.06	505	11-72		40	1,004	.00	39	74
21-10-0449	738807	117936	11-68	2	295	14,460	3.93	569	24	12,205	4.04	493	10-72		40	714	.00	28	53
21-10-0449	738808	117936	12-68	1	305	15,010	3.85	578	26	11,960	4.07	487	9-71		36	736	.00	28	53
21-10-0449	738810	117936	12-68	2	296	16,330	4.04	659	25	12,340	4.03	497	10-72		40	893	.02	37	67
21-10-0449	738812	117936	6-68	2	287	16,775	3.90	654	26	12,125	4.07	493	10-72		40	956	.00	37	70
21-10-0449	741823	117936	1-69	2	290	14,690	4.03	592	20	12,430	4.01	499	11-72		40	719	.02	30	54
21-10-0449	755217	130319	2-69	2	305	17,710	3.96	702	37	12,435	4.09	509	8-72		30	672	.00	26	49
21-10-0449	755223	117936	5-69	1	305	18,120	3.73	676	16	12,270	3.94	484	3-72		36	950	-.01	36	69
21-10-0449	755233	117936	8-69	1	305	19,230	3.96	762	17	12,800	3.96	507	1-72		36	1,001	.02	41	75
21-10-0449	764977	117936	3-70	1	303	14,210	4.29	609	27	12,290	4.06	499	10-72		36	657	.04	30	52
21-12-0231	661989	117936	1-63	7	290	16,171	3.61	584	13	12,517	3.91	489	12-71		44	935	-.03	32	65
21-12-0231	676281	117936	11-63	8	287	14,327	3.96	568	14	12,111	3.89	471	3-73		44	739	.02	31	56
21-12-0231	676282	117936	11-63	7	296	15,281	3.83	586	14	11,940	3.88	463	6-72		44	880	.01	35	65
21-12-0231	677336	117936	1-64	7	296	13,595	3.98	541	17	12,225	3.90	477	3-72		44	633	.02	27	48
21-12-0231	713313	117936	5-66	5	303	13,944	4.12	575	22	12,770	3.86	493	11-72		44	622	.05	30	50
21-12-0231	716784	117936	3-67	4	295	14,810	3.70	548	18	12,690	3.85	488	12-72		44	735	-.01	27	53
21-13-0309	610416	116003	11-59	7	305	15,489	4.29	664	24	12,124	4.13	501	6-72		39	616	.07	32	52
21-13-0309	664475	117936	2-63	7	293	13,124	4.02	528	27	11,704	4.12	482	6-72		44	626	.01	25	46
21-13-0309	676788	117936	11-63	6	305	15,386	4.06	625	23	11,896	4.09	487	12-71		44	898	.02	37	68
21-13-0309	725179	117936	2-67	3	300	12,830	4.46	572	31	11,350	4.15	471	9-72		42	621	.06	31	51
21-13-0309	730995	117936	3-68	2	305	15,340	4.00	614	26	11,205	4.06	455	1-72		40	885	.01	35	65
21-13-0309	737527	117936	4-68	3	305	13,916	4.03	561	27	10,866	4.13	449	7-72		42	791	.01	32	59
21-13-0309	743771	117936	12-68	2	298	14,600	3.74	546	32	10,135	4.13	419	10-72		40	896	-.02	32	63
21-13-0309	757016	117936	11-69	1	305	12,760	4.15	529	31	10,500	4.25	446	7-72		36	656	.01	27	49
21-13-0309	757021	117936	12-69	1	305	15,660	4.16	652	38	10,090	4.27	431	8-72		36	896	.02	37	67
21-13-0309	767691	117936	7-70	1	305	13,680	4.41	603	33	9,970	4.21	420	12-72		36	756	.04	34	59
21-13-0666	665748	117936	3-63	7	303	13,735	4.20	577	18	11,137	4.03	449	7-72		44	763	.04	35	60
21-13-0666	723755	117936	10-66	4	288	13,240	4.27	565	12	11,060	3.98	440	4-72		44	702	.05	33	56
21-13-0666	724213	117936	3-67	3	297	12,770	4.06	518	16	11,513	3.95	455	8-71		42	599	.02	26	46
21-13-0666	724214	117936	3-67	4	283	14,052	3.77	530	16	11,812	4.05	478	1-73		44	728	-.02	25	51
21-13-0666	731570	117936	11-67	3	296	13,250	3.93	521	10	11,030	3.92	432	7-72		42	699	.02	29	53
21-13-0666	731761	117936	6-67	3	304	15,063	3.44	518	12	11,443	4.02	460	4-72		42	870	-.06	26	57
21-13-0666	732219	117936	1-68	3	305	13,820	3.86	534	8	11,833	4.06	481	4-73		42	691	-.01	26	50
21-13-0666	749278	117936	6-69	2	290	13,780	3.92	540	16	11,945	4.07	486	10-72		40	666	-.01	25	48
21-13-0666	762952	117936	8-68	3	287	12,703	3.97	504	10	10,970	4.04	443	3-73		42	642	.01	26	48
21-13-0666	762957	117936	9-68	2	305	14,840	4.03	598	15	11,760	4.09	481	2-73		40	789	.01	32	59
21-14-0263	741833	117936	9-68	3	296	13,570	3.70	502	6	11,356	3.78	429	9-72		42	706	.00	27	51
21-14-0383	659365	117936	9-62	8	305	16,017	3.76	603	6	13,755	3.72	511	2-73		44	788	.01	32	59
21-14-0383	750737	117936	11-69	2	305	18,630	3.56	663	6	15,545	3.61	561	2-73		40	866	-.01	32	62
21-14-0453	696534	117936	7-65	5	305	15,092	3.52	531	18	13,246	3.86	511	12-71		44	721	-.05	22	48
21-14-0453	697742	117936	11-65	5	305	15,232	3.83	584	18	12,746	3.88	494	11-72		44	790	.00	31	58
21-14-0453	710694	117936	6-66	5	305	14,876	3.93	585	21	13,082	3.88	508	10-72		44	710	.02	30	54
21-14-0453	713468	117936	9-66	5	305	14,662	3.87	567	19	13,030	3.85	502	3-73		44	688	.01	28	51
21-14-0453	739994	117936	7-68	2	160	15,290	3.95	604	19	13,430	3.84	516	12-71	B	40	699	.02	30	54
21-14-0453	739995	117936	7-68	2	189	15,040	4.00	602	19	13,320	3.85	513	11-71	B	40	683	.03	30	53
21-16-0017	660440	117936	11-62	8	294	14,750	3.96	584	12	12,536	3.96	497	12-72		44	750	.02	31	56
21-16-0017	663048	117936	2-63	7	303	19,845	3.98	783	13	12,168	3.94	479	4-72		44	1,445	.02	58	107
21-16-0017	664111	117936	3-63	8	302	15,481	4.10	635	16	12,561	3.93	486	2-73		44	862	.04	38	67
21-16-0017	664116	117936	6-63	7	298	14,444	4.05	585	13	12,177	3.97	484	4-72		44	747	.03	32	57
21-16-0017	668628	117936	9-63	6	300	14,769	4.36	643	15	12,188	3.99	486	12-71		44	788	.07	39	65
21-16-0017	677982	117936	2-64	7	298	14,220	4.38	623	17	12,244	4.01	491	11-72		44	712	.07	36	59
21-16-0017	677983	117936	2-64	7	301	15,460	3.74	578	17	12,058	4.01	484	8-72		44	891	-.03	31	62
21-16-0017	684858	117936	9-64	6	299	15,171	4.24	644	15	12,351	3.99	493	7-72		44	823	.06	39	66
21-16-0017	684863	117936	10-64	5	305	18,032	4.34	783	11	12,482	3.91	488	11-72		44	1,179	.09	57	96
21-16-0017	688241	117936	6-64	4	296	15,035	4.06	610	6	12,000	3.83	460	4-73		44	831	.04	37	65
21-16-0017	697891	117936	7-65	5	264	15,214	4.29	653	7	12,566	3.84	483	4-73		44	807	.08	41	67
21-16-0017	705000	117936	11-65	5	262	14,178	3.71	526	36	12,212	3.87	472	8-72		44	710	-.01	26	51
21-16-0017	706501	117936	1-66	4	296	15,257	4.08	623	14	12,357	4.04	499	2-72		44	823	.03	35	63
21-16-0017	710458	117936	9-66	4	305	14,867	4.29	638	14	12,785	4.04	516	11-72		44	733	.05	35	59
21-16-0017	712670	117936	9-66	3	277	13,946	3.95	551	11	12,716	4.00	509	12-72		42	624	.01	25	46
21-16-0017	712765	117936	11-66	4	305	15,545	4.16	646	13	12,662	4.03	510	11-72		44	829	.04	37	65
21-16-0017	719615	117936	3-67	4	305	17,297	4.14	716	15	12,390	4.07	504	8-72		44	1,072	.04	46	82
21-16-0017	726265	117936	8-67	2	305	15,595	4.00	624	12	12,215	4.15	507	11-71		40	829	.00	32	61
21-16-0017	726271	117936	10-67	3	290	15,923	4.07	648	12	12,476	4.05	505	12-72		42	873	.02	36	66
21-16-0017	729673	117936	8-67	1	305	14,410	4.27	616	11	12,140	4.01	487	5-72		36	681	.04	31	54
21-16-0017	742450	117936	11-68	1	305	14,350	4.53	650	9	12,250	3.93	482	7-72		36	670	.07	34	56
21-16-0017	743994	117936	4-69	1	305	16,360	3.42	560	9	12,250	3.93	482	7-72		36	820	-.04	27	56
21-16-0017	743996	117936	5-69	1	305	17,400	3.84	669	9	12,250	3.93	482	7-72		36	897	.00	35	66
21-16-0017	747322	117936	8-68	1	305	16,740	4.12	608	16	12,120	4.08	495	8-71		36	707	.02	30	54
21-16 0017	750037	117936	7-69	1	305	13,640	4.28	584	9	12,250	3.93	482	7-72		36	617	.04	29	49
21-16-0017	755123	117936	11-69	1	297	14,600	4.18	610	11	13,160	3.92	516	11-72		36	634	.04	29	50
21-16-0017	755907	117936	8-69	1	305	13,670	4.22	577	9	12,250	3.93	482	7-72		36	619	.03	28	49
21-16-0017	726556	117936	8-67	2	305	17,270	4.20	726	11	12,835	3.97	510	2-72		40	948	.04	42	74
21-16-0017	772051	117936	9-68	2	290	15,935	3.75	598	11	12,450	3.94	490	9-72		40	844	-.01	31	60
21-16-0237	704607	117936	4-66	4	256	15,037	4.06	611	10	12,792	3.97	508	5-72		44	753	.02	32	57

TABLE 1. AYRSHIRE USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-16-0237	711441	117936	9-66	3	305	17,370	3.77	654	16	13,386	3.92	525	3-72	42	956	-.01	35	$ 68
21-16-0237	722393	117936	10-65	4	268	18,017	3.90	703	10	11,932	3.89	464	6-72	44	1,206	.01	48	89
21-16-0237	722397	117936	10-66	4	298	16,830	3.59	605	10	12,927	3.86	499	1-73	44	961	-.03	33	67
21-16-0237	729693	117936	10-67	3	287	15,686	3.54	556	21	13,866	3.87	536	2-73	42	718	-.04	23	48
21-16-0237	731061	117936	2-68	3	275	15,603	3.71	579	19	13,486	3.84	518	3-73 B	42	744	-.01	27	53
21-16-0237	735961	117936	9-67	2	305	16,660	4.27	711	18	14,655	3.91	573	1-73	40	739	.06	36	60
21-16-0237	735962	117936	9-67	3	248	15,273	4.08	623	9	12,560	3.94	495	6-72	42	791	.04	35	62
21-16-0237	737776	128115	10-68	2	305	20,865	3.70	772	30	14,430	3.97	573	11-72	25	884	-.04	29	60
21-16-0237	744568	117936	2-69	1	305	17,460	3.60	628	14	12,880	3.90	502	8-71	36	864	-.02	31	61
21-16-0237	744596	117936	3-69	1	305	15,100	4.38	662	17	13,380	3.89	520	8-72	36	659	.05	32	54
21-16-0237	745412	117936	3-69	2	305	15,455	4.07	629	17	13,795	3.92	541	10-72	40	686	.03	30	53
21-16-0237	749328	117936	6-69	2	305	17,200	4.48	771	16	13,585	3.92	532	10-72	40	880	.09	45	74
21-16-0237	750854	117936	5-69	2	298	15,550	3.63	565	15	13,130	3.89	511	8-72	40	750	-.02	26	52
21-16-0237	750855	117936	5-69	2	299	16,865	3.46	584	18	13,600	3.95	537	9-72	40	845	-.05	26	56
21-16-0237	761335	117936	3-69	1	303	18,290	3.82	698	19	15,150	3.94	597	12-72	36	791	.00	30	57
21-16-0237	767063	117936	6-69	1	291	15,550	3.97	618	13	13,130	3.92	515	5-72	36	707	.01	29	53
21-16-0472	696619	117936	6-65	4	232	14,857	3.90	580	7	13,175	3.76	496	8-72 B	44	693	.03	30	53
21-16-0472	710026	117936	3-66	4	232	14,870	3.77	561	6	12,835	3.74	480	7-72 B	44	728	.01	29	54
21-16-0472	748692	117936	5-69	1	305	14,770	3.68	544	5	11,240	3.98	447	9-71	36	761	-.01	28	54
21-19-0112	708104	117936	4-66	4	288	16,362	3.56	583	7	13,195	3.78	495	5-72	44	877	-.03	30	61
21-19-0112	714791	117936	12-66	4	304	16,862	3.81	643	7	13,542	3.68	499	10-72	44	904	.02	37	68
21-19-0112	739847	117936	11-68	3	283	15,586	3.74	583	10	13,253	3.66	485	10-72	42	763	.01	31	57
21-19-0112	739849	117936	12-68	2	305	15,145	3.58	542	6	11,505	3.89	447	7-72	40	841	-.03	29	59
21-19-0112	755008	117936	11-69	2	298	13,130	4.11	540	9	11,365	3.69	419	3-73	40	647	.05	31	52
21-19-0113	691478	117936	5-64	6	293	12,651	4.32	546	6	9,921	3.92	389	1-72 B	44	749	.07	37	61
21-19-0113	698417	117936	7-65	4	289	13,182	3.94	520	5	9,890	3.97	393	1-72 B	44	811	.01	33	61
21-19-0113	723398	117936	7-67	2	305	12,630	4.13	521	5	10,200	3.90	398	10-71	40	691	.04	31	54
21-21-0361	678111	117936	5-64	6	283	16,240	3.91	635	43	12,523	3.90	489	10-71	44	944	.01	38	70
21-21-0361	685777	117936	10-64	6	300	14,558	3.78	550	32	11,985	3.94	472	4-73	44	782	-.01	29	56
21-21-0361	692597	117936	2-65	5	297	14,072	3.70	521	31	11,682	3.91	457	7-72	44	751	-.02	27	53
21-21-0361	692908	126011	4-65	6	305	15,161	3.79	574	56	12,080	3.85	465	12-72	41	796	-.03	27	55
21-21-0361	692909	117936	5-65	3	305	14,696	3.94	579	61	11,816	3.80	449	9-72	42	793	.03	34	61
21-21-0361	695009	117936	8-65	6	292	15,880	3.58	568	47	12,333	3.92	483	1-73	44	917	-.04	30	62
21-21-0361	697629	117936	11-65	6	305	14,975	3.59	538	41	11,651	3.90	454	10-72	44	870	-.04	29	60
21-21-0361	708802	117936	8-66	5	296	14,104	3.79	534	43	12,542	3.90	489	2-73 H	44	666	-.01	25	48
21-21-0361	712836	117936	12-66	3	298	14,916	4.01	598	37	12,176	3.88	473	2-72	42	785	.03	34	60
21-21-0361	730165	117936	12-67	3	298	14,910	3.68	548	40	11,893	3.83	455	6-72	42	811	-.01	30	58
21-21-0361	730166	117936	12-67	3	305	14,483	3.96	573	36	12,560	3.92	492	2-72	42	700	.02	29	53
21-21-0361	730169	127580	1-68	3	305	17,180	3.36	577	68	11,897	3.78	450	10-72	32	814	-.09	20	50
21-21-0361	754073	117936	1-70	1	305	16,810	3.48	585	55	11,420	3.80	434	10-72	36	903	-.02	32	64
21-21-0451	691861	117936	1-65	6	287	12,153	4.05	492	6	9,903	3.86	382	3-73	44	687	.04	31	54
21-21-0616	704010	117936	12-65	4	302	15,727	4.21	662	21	11,880	4.01	476	8-71	44	928	.05	42	73
21-21-0616	716727	117936	11-66	4	298	15,015	3.85	578	22	11,872	4.04	480	10-71	44	841	-.01	31	60
21-21-0616	716738	117936	12-66	4	305	14,382	3.78	543	21	12,827	4.01	514	3-73	44	669	-.02	23	46
21-21-0616	716741	117936	1-67	4	305	15,067	3.86	581	24	12,212	4.04	493	11-72	44	814	-.01	30	58
21-21-0616	730145	117936	5-67	3	305	16,126	3.94	636	21	12,746	3.93	501	3-73	42	872	.01	35	65
21-21-0616	730205	117936	12-67	3	305	15,330	3.76	577	23	11,683	4.01	468	10-72	42	878	-.01	32	63
21-21-0616	730209	117936	1-68	3	305	14,693	3.82	562	24	11,873	4.02	477	10-72	42	787	-.01	29	56
21-21-0616	739184	117936	8-68	2	304	14,860	4.09	608	21	12,695	3.95	502	4-72	40	715	.03	31	55
21-21-0616	739185	117936	8-68	2	291	13,855	3.94	546	24	11,770	4.14	487	8-72	40	688	.00	26	50
21-21-0616	739187	117936	9-68	2	305	14,905	3.69	550	17	12,900	3.88	501	4-72	40	703	-.02	25	50
21-21-0616	739773	117936	8-68	2	303	18,455	3.66	676	19	12,790	3.87	495	11-71	40	1,072	-.02	39	76
21-21-0616	751845	117936	12-68	2	305	15,775	3.55	560	24	11,970	4.06	486	9-72	40	867	-.05	27	58
21-21-0616	751850	117936	8-69	1	305	14,460	3.86	558	21	13,110	4.03	528	3-72	36	627	.00	24	46
21-21-0616	752113	117936	3-69	2	305	14,165	4.11	582	26	11,465	4.12	472	9-72	40	744	.02	31	56
21-21-0616	754171	117936	12-69	1	305	14,440	3.77	544	21	12,620	4.02	507	4-72	36	655	-.01	24	47
21-21-0616	754172	117936	12-69	1	305	14,780	4.24	626	21	12,620	4.02	507	4-72	36	680	.03	30	53
21-21-0616	765930	117936	10-69	1	305	14,810	3.84	569	33	11,970	4.14	496	12-72	36	721	-.01	27	52
21-21-0616	767416	117936	8-70	1	305	13,360	4.13	552	28	11,590	4.25	493	10-72	36	636	.01	26	48
21-21-0616	768722	117936	1-71	1	305	15,760	3.96	624	26	12,460	4.01	500	3-73	36	763	.01	31	57
21-22-0049	698820	117936	8-65	5	303	13,042	3.91	510	12	11,544	3.96	457	3-73	44	632	.01	25	47
21-22-0049	713996	117936	9-66	5	302	15,104	3.44	520	12	11,562	3.98	460	12-72	44	896	-.07	26	58
21-22-0172	683354	117936	10-63	5	256	14,778	3.79	560	8	12,264	3.84	471	10-72	44	782	.00	30	57
21-22-0172	703900	117936	12-65	4	290	14,410	3.78	545	6	10,912	3.88	423	6-72	44	861	.00	33	63
21-22-0172	714789	117936	11-66	4	300	16,090	3.60	579	5	11,445	3.81	436	3-73	44	1,016	-.03	36	71
21-22-0172	731811	117936	5-67	4	294	15,410	3.57	550	6	11,890	3.82	454	11-72	44	888	-.03	30	61
21-22-0172	731813	117936	9-67	4	285	13,282	4.05	538	5	12,005	3.80	456	11-72	44	614	.04	29	49
21-22-0172	748513	117936	4-69	2	299	12,775	4.16	531	6	11,090	3.92	435	7-72	40	634	.04	29	50
21-24-0447	733582	117936	8-67	1	274	14,640	3.87	566	9	12,560	3.66	460	1-73	36	673	.02	29	52
21-24-0447	760254	117936	4-70	1	305	17,410	3.93	685	17	12,240	3.68	450	11-72	36	899	.03	38	68
21-24-0671	677404	117936	11-63	6	305	13,388	3.85	515	12	10,490	3.96	415	4-72	44	785	.00	30	57
21-24-0671	697004	117936	3-65	6	298	12,910	3.55	458	7	10,840	3.96	429	3-73	44	688	-.04	21	46
21-24-0671	697010	117936	9-65	5	304	13,314	3.84	511	13	10,600	3.94	418	7-72	44	765	.00	29	53
21-26-0405	724100	117936	8-67	1	292	15,400	3.35	516	5	11,810	3.59	424	12-72	36	774	-.02	27	54
21-29-0363	686292	117936	9-64	6	288	13,210	3.65	482	16	10,640	3.83	407	9-72	44	747	-.01	27	53
21-29-0363	689482	117936	11-64	5	304	14,578	3.87	564	15	10,550	3.81	402	11-72	44	933	.02	38	70
21-29-0363	711174	117936	11-66	2	305	14,150	3.97	562	7	11,115	3.84	427	9-71	40	771	.02	32	58
21-29-0363	753645	117936	11-69	1	305	13,100	3.68	482	12	9,920	3.72	369	1-73	36	716	.00	28	53
21-29-0363	761318	117936	10-67	2	294	13,190	3.78	499	7	10,795	3.76	406	4-72	40	700	.01	28	52
21-29-0660	686624	117936	9-64	2	293	15,080	3.67	554	10	12,140	3.86	469	10-72	40	782	-.02	28	55
21-29-0660	701986	117936	2-66	3	305	15,760	3.58	564	20	10,066	3.91	394	9-72	42	1,076	-.04	37	75
21-30-0854	712903	117936	9-66	4	305	15,337	3.65	560	35	11,660	3.82	445	3-73	44	902	-.02	32	64
21-30-0854	718799	117936	3-67	4	292	13,517	3.85	521	43	11,620	3.85	447	10-72	44	681	.01	27	50
21-30-0854	723881	117936	8-67	3	266	13,973	3.67	513	12	11,960	3.70	442	3-73	42	697	.00	27	51
21-30-0854	732876	117936	3-68	3	302	15,133	3.76	569	19	11,876	3.76	447	4-73	42	838	.01	33	62

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S DAYS	AVERAGE PRODUCTION MILK (LB)	AVERAGE PRODUCTION FAT (%)	AVERAGE PRODUCTION FAT (LB)	HERDMATE NO.	HERDMATE AVERAGES MILK (LB)	HERDMATE AVERAGES FAT (%)	HERDMATE AVERAGES FAT (LB)	LAST CALVD MO-YR	T C D	COW REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
21-30-0854	732879	117936	3-68	2	286	13,570	3.91	530	40	11,925	3.85	459	9-72		40	647	.02	27	$ 49
21-30-0854	733572	117936	11-67	3	304	13,113	3.91	513	35	11,276	3.85	434	8-72		42	661	.01	27	50
21-30-0854	740739	117936	8-68	3	294	13,220	4.25	562	41	11,943	3.77	450	11-72		42	612	.07	32	52
21-35-0019	675701	117936	12-63	7	301	14,560	3.74	545	6	11,348	3.86	438	8-72		44	848	-.01	32	61
21-35-0019	675702	117936	12-63	7	303	13,992	4.02	563	8	11,650	3.81	444	10-72		44	744	.03	33	58
21-35-0019	675703	117936	2-64	7	301	14,604	3.59	525	11	12,011	3.77	453	1-73		44	785	-.02	28	55
21-35-0019	688663	117936	11-64	7	305	13,641	3.94	538	13	12,007	3.77	453	1-73		44	661	.03	29	51
21-35-0019	700590	117936	10-65	5	303	14,890	3.52	524	5	12,634	3.86	488	10-72		44	758	-.04	24	51
21-35-0019	730740	117936	10-67	4	303	15,765	3.60	568	11	12,905	3.78	488	12-72		44	832	-.02	29	58
21-35-0019	730741	117936	11-67	4	302	14,632	3.54	518	11	12,992	3.78	491	2-73		44	683	-.03	23	47
21-35-0019	730743	117936	11-67	4	305	18,557	3.63	673	6	13,072	3.86	505	3-73		44	1,160	-.04	40	81
21-35-0019	740788	117936	9-68	3	305	14,476	3.63	526	9	13,070	3.83	500	11-72		42	652	-.02	23	46
21-35-0019	740791	117936	10-68	2	305	16,110	3.56	574	7	12,920	3.92	507	9-72		40	824	-.04	27	56
21-35-0198	719535	117936	9-65	5	269	13,982	4.04	565	12	11,492	3.99	459	11-72	B	44	759	.02	32	58
21-35-0198	730367	117936	5-67	3	304	16,886	3.91	661	7	11,600	4.04	469	6-72		42	1,065	.00	41	78
21-35-0911	677950	117936	10-63	2	305	19,550	3.86	755	5	13,895	3.61	502	8-71		40	1,094	.03	46	83
21-35-0911	692292	117936	11-64	3	305	16,690	3.69	616	12	13,996	3.65	511	11-72		42	822	.00	32	60
21-35-0911	703572	117936	12-66	2	305	15,855	3.65	578	8	13,665	3.58	489	8-71		40	737	.00	29	54
21-35-0911	703577	117936	1-68	2	275	15,020	3.60	541	6	13,830	3.56	493	3-72		40	639	.00	25	47
21-37-0609	686779	117936	9-64	6	299	16,823	4.24	713	8	13,658	3.88	530	6-72		44	902	.07	44	74
21-37-0609	726044	117936	10-67	3	298	16,386	3.88	635	8	13,863	4.00	555	12-72		42	799	-.01	30	58
21-37-0609	731424	117936	12-67	3	301	16,743	4.12	690	10	13,573	3.95	536	3-73		42	867	.04	38	67
21-37-0609	736282	117936	2-68	3	305	17,626	4.23	746	12	13,306	4.05	539	7-72		42	993	.05	45	78
21-37-0609	737533	117936	6-68	2	305	18,480	4.33	800	5	14,535	3.94	573	1-73		40	933	.07	45	76
21-37-0609	737534	117936	7-68	2	298	16,455	3.96	651	14	12,990	4.12	535	9-72		40	853	.00	33	62
21-37-0609	737535	117936	8-68	2	302	14,805	3.94	583	14	12,730	4.19	533	9-72		40	707	-.01	26	51
21-37-0609	737537	117936	8-68	2	305	16,715	4.19	701	9	14,485	3.99	578	8-72		40	758	.04	34	59
21-37-0609	737540	117936	10-68	2	304	14,365	4.52	649	14	12,730	4.19	533	9-72		40	662	.06	33	55
21-37-0609	751170	117936	7-69	1	305	16,970	4.36	740	14	13,250	4.17	553	8-72		36	806	.04	36	63
21-39-0003	687945	117936	12-64	2	305	15,445	4.28	661	16	13,500	3.99	538	2-73		40	709	.05	34	57
21-39-0003	687947	117936	12-64	2	298	14,910	4.33	645	10	12,585	3.99	502	6-72		40	729	.06	35	59
21-39-0003	687948	117936	1-65	2	286	14,525	3.98	578	17	13,270	4.03	535	3-72		40	634	.00	25	47
21-39-0003	691720	117936	2-65	3	305	17,916	4.01	718	12	13,586	3.96	538	12-72		42	1,000	.03	42	76
21-39-0003	693929	117936	8-65	2	305	19,200	4.08	783	15	13,040	3.96	516	11-72		40	1,128	.04	48	86
21-39-0003	698642	117936	11-65	2	305	17,250	4.10	707	15	12,825	3.94	505	10-72		40	947	.04	41	73
21-39-0003	698643	117936	11-65	2	279	15,855	3.73	591	12	12,430	3.99	496	7-72		40	838	-.02	30	59
21-39-0003	698644	117936	12-65	2	305	16,260	4.53	737	17	13,480	4.00	539	12-72		40	793	.08	41	67
21-39-0003	698645	117936	12-65	3	305	17,910	4.39	786	12	13,580	3.97	539	2-73		42	1,000	.08	49	82
21-39-0003	700668	123531	2-66	3	300	19,120	4.17	797	27	13,503	3.99	539	2-73		41	628	.04	29	50
21-39-0003	706722	117936	4-66	3	305	15,823	3.87	613	11	13,513	3.97	537	3-73		42	767	.00	29	56
21-39-0003	706726	117936	7-66	2	302	17,150	4.19	719	10	12,585	3.99	502	6-72		40	956	.04	42	74
21-39-0003	715676	117936	1-67	3	298	15,786	3.99	630	10	13,530	3.97	537	4-73		42	761	.01	31	57
21-39-0003	715678	117936	3-67	3	299	16,560	3.92	649	17	13,566	4.02	545	1-73		42	846	.00	33	62
21-39-0003	743207	117936	3-69	2	305	19,455	3.58	697	16	13,140	3.97	522	11-72		40	1,145	-.05	38	78
21-39-0003	747753	117936	5-69	2	305	18,730	3.75	703	18	13,265	4.06	539	3-73		40	1,062	-.02	38	75
21-39-0003	747754	117936	6-69	2	293	14,125	4.42	625	17	13,125	3.99	524	11-72		40	605	.06	31	51
21-39-0279	671543	117936	7-63	7	291	13,715	4.10	563	8	12,422	3.94	490	4-73		44	628	.04	29	50
21-39-0279	703791	117936	11-65	5	299	16,034	3.93	630	11	13,028	3.91	510	8-72		44	865	.01	35	65
21-39-0279	710056	117936	3-66	2	305	14,155	4.63	656	9	13,125	4.04	530	12-72		40	609	.09	34	53
21-39-0279	714009	117936	9-66	4	303	14,935	4.56	681	11	12,480	3.93	490	8-72		44	771	.11	43	67
21-39-0279	722401	117936	1-67	4	305	16,502	4.06	670	9	12,785	3.93	502	3-73		44	935	.03	40	72
21-39-0279	734456	117936	11-67	3	299	13,943	4.27	596	12	12,000	3.94	473	7-72		42	690	.05	33	56
21-39-0279	735342	117936	3-68	3	305	15,410	3.91	603	8	12,546	3.95	496	2-73		42	808	.01	32	60
21-39-0279	744808	117936	1-69	2	305	13,035	4.42	576	12	11,790	4.04	476	6-72		40	603	.05	30	50
21-39-0279	745408	117936	2-69	2	305	12,585	4.35	547	13	11,580	4.03	467	7-72		40	575	.05	28	47
21-39-0279	745411	117936	3-69	2	300	15,480	4.06	628	12	11,815	4.03	476	6-72		40	849	.02	35	64
21-39-0279	750856	117936	6-69	2	297	14,255	4.15	592	10	11,710	4.08	478	9-72		40	734	.02	31	56
21-39-0279	752469	117936	9-69	1	305	14,500	3.41	495	15	11,120	4.09	455	7-72		36	749	-.04	24	51
21-39-0279	756127	117936	6-70	1	305	14,390	4.05	583	7	12,490	4.14	517	11-72		36	659	-.01	27	49
21-39-0406	692771	117936	2-65	6	294	14,020	3.48	488	7	11,780	3.98	469	12-72		44	734	-.06	21	47
21-39-0406	704150	117936	1-66	5	293	13,566	3.92	532	12	12,228	3.91	478	10-72		44	629	.01	26	47
21-39-0406	708795	117936	9-66	4	275	15,247	3.89	593	16	13,335	4.09	546	1-73		44	725	-.02	26	51
21-39-0406	713587	117936	9-67	3	295	13,270	4.08	542	23	11,736	3.95	463	11-72		42	636	.03	28	49
21-39-0438	692911	117936	1-65	6	296	13,781	4.14	571	6	12,286	4.06	499	9-72		44	651	.03	29	51
21-39-0438	697176	117936	11-65	5	297	14,530	4.28	622	5	11,798	4.01	473	10-72		44	798	.06	38	64
21-39-0438	713055	117936	9-66	3	289	14,393	4.10	590	5	12,190	4.08	497	3-72		42	724	.02	30	55
21-39-0438	713058	117936	11-66	4	303	13,360	4.27	570	6	12,352	4.01	495	11-72		44	589	.05	29	48
21-39-0438	731457	117936	10-67	3	305	14,856	4.01	596	5	12,836	4.04	518	4-73		42	718	.01	29	54
21-39-0438	735133	117936	1-68	3	303	16,860	4.19	706	7	12,413	4.02	499	9-72		42	987	.05	44	77
21-39-0438	735134	117936	5-68	2	290	15,110	3.96	599	6	13,340	3.96	528	2-73		40	688	.01	28	51
21-39-0438	735136	117936	7-68	1	305	13,720	4.61	632	6	12,420	4.21	523	1-72		36	613	.05	30	50
21-39-0438	742635	117936	1-69	1	305	15,820	3.67	581	6	11,480	4.24	487	3-72		36	825	-.03	28	57
21-39-0438	756179	117936	12-69	1	305	17,400	4.02	700	9	11,940	4.13	493	9-72		36	916	.01	37	68
21-39-0575	675568	117936	4-63	8	275	14,917	3.80	567	14	12,146	3.94	478	12-72		44	812	.00	31	59
21-39-0575	688326	117936	2-64	7	288	13,621	3.65	497	16	11,811	3.99	471	11-72		44	679	-.03	22	46
21-39-0575	690679	117936	3-64	5	300	13,510	3.87	523	15	12,196	3.95	482	1-72		44	625	.00	24	46
21-39-0575	700160	117936	11-65	6	276	14,161	3.72	527	15	11,836	3.96	469	10-72		44	746	-.02	26	52
21-39-0575	701628	117936	7-65	5	301	14,068	3.89	547	15	12,296	3.94	484	11-72		44	687	.00	27	51
21-39-0575	715679	117936	3-67	2	305	14,480	3.51	508	17	12,085	3.95	477	7-72		40	726	-.04	23	49
21-39-0575	733457	117936	12-67	3	305	13,176	4.03	531	18	12,096	3.95	478	10-72		42	592	.03	26	46
21-39-0575	741132	117936	7-68	2	305	15,295	4.12	630	21	12,475	3.93	490	4-72		40	777	.03	34	60
21-39-0575	743297	117936	5-68	2	302	14,830	3.58	531	20	12,475	3.92	489	3-72		40	730	-.03	24	50
21-39-0575	747077	117936	5-69	1	305	13,250	4.04	535	20	10,810	3.96	428	6-72		36	674	.02	28	51
21-39-0575	763191	117936	5-69	1	305	16,700	3.69	616	16	10,790	3.97	428	8-72		36	932	-.02	34	66
21-39-0922	601783	117936	12-58	9	301	15,258	3.86	589	17	12,126	3.91	474	8-71		44	858	.01	34	63

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVED MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-39-0922	677847	117936	2-64	7	304	15,457	3.96	612	19	12,307	3.92	482	1-73		44	865	.02	36	$ 65
21-39-0922	685786	117936	7-64	7	302	14,922	4.22	630	20	12,520	3.90	488	1-73		44	774	.07	38	63
21-39-0922	690127	117936	11-64	6	303	15,835	3.76	596	22	12,030	3.89	468	6-72		44	941	-.01	35	68
21-39-0922	694609	117936	3-65	5	300	15,814	3.64	576	20	11,846	3.89	461	8-71		44	958	-.03	33	67
21-39-0922	699557	117936	8-65	5	305	13,664	4.30	588	22	12,074	3.88	468	11-72		44	658	.07	34	55
21-39-0922	701747	117936	1-66	5	293	14,326	3.70	530	19	12,602	3.86	487	1-72		44	688	-.01	25	49
21-39-0922	704434	117936	1-66	5	304	14,910	3.81	568	21	11,990	3.88	465	12-72		44	827	.00	32	60
21-39-0922	713275	119544	8-66	4	301	16,400	3.81	625	49	12,328	3.82	471	7-72		30	640	-.01	24	46
21-39-0922	713609	117936	9-66	4	296	13,977	3.89	544	17	12,420	3.85	478	1-73		44	659	.01	27	49
21-39-0922	718294	117936	10-66	4	299	15,550	3.93	611	18	12,225	3.84	469	4-73		44	872	.02	36	66
21-39-0922	719561	117936	2-67	4	295	14,147	3.48	492	24	12,085	3.83	463	6-72		44	713	-.04	22	47
21-39-0922	721919	117936	1-67	4	298	14,157	3.87	548	25	11,940	3.83	457	8-72		44	728	.02	30	55
21-39-0922	724967	117936	3-67	3	296	14,696	4.14	608	17	12,323	3.77	465	4-72		42	746	.06	36	61
21-39-0922	724972	117936	9-67	3	296	14,273	3.55	507	23	12,503	3.78	472	6-72		42	681	-.03	23	47
21-39-0922	727443	117936	5-65	4	304	15,682	3.80	596	25	12,370	3.82	473	10-72		44	874	.00	34	64
21-39-0922	727640	117936	7-67	2	301	13,640	4.02	548	11	12,080	3.87	468	3-72		40	641	.03	28	50
21-39-0922	728813	117936	9-67	4	295	14,760	4.01	592	18	12,557	3.85	483	12-72		44	742	.04	33	58
21-39-0922	733444	117936	1-68	3	305	15,270	4.09	624	23	12,266	3.85	472	12-72		42	810	.04	37	64
21-39-0922	739928	117936	8-68	2	305	14,805	3.92	581	19	12,135	3.88	471	4-72		40	755	.02	31	57
21-39-0922	740634	117936	8-68	2	300	14,590	3.96	578	25	12,310	3.84	473	10-72		40	719	.02	30	54
21-39-0922	741706	117936	9-68	2	305	17,415	3.77	657	22	12,530	3.88	486	12-72		40	988	-.01	37	71
21-39-0922	742365	117936	10-68	1	305	14,030	3.81	535	29	11,870	3.91	464	6-72		36	669	.00	26	49
21-39-0922	743371	117936	11-68	2	304	13,590	4.03	547	23	12,360	3.89	481	12-72		40	613	.03	27	48
21-39-0922	743677	117936	11-68	2	305	16,805	3.27	549	22	11,955	3.84	459	10-72		40	973	-.07	29	64
21-39-0922	744931	117936	12-68	2	305	14,855	4.05	601	19	12,300	3.91	481	12-72		40	747	.03	32	57
21-39-0922	744932	117936	1-69	1	305	13,800	4.12	569	16	12,000	3.90	468	12-71		36	644	.03	29	51
21-39-0922	747503	117936	3-69	2	299	14,255	3.47	494	17	12,280	3.90	479	1-73		40	687	-.04	21	46
21-39-0922	748474	117936	4-69	2	284	13,910	3.67	510	18	12,335	3.91	482	1-73		40	648	-.02	23	46
21-39-0922	750524	117936	6-69	1	301	14,920	4.09	610	28	12,370	3.87	479	10-72		36	705	.03	31	55
21-39-0922	751937	117936	6-69	1	305	13,100	4.01	525	29	11,870	3.91	464	6-72		36	600	.02	26	46
21-39-0922	752747	117936	9-69	1	305	15,100	3.74	564	29	11,870	3.91	464	6-72		36	749	-.01	28	54
21-39-0996	677742	117936	1-64	6	305	19,251	4.05	779	17	13,321	3.87	516	11-71		44	1,250	.04	54	96
21-39-0996	689276	117936	11-64	6	304	18,766	3.80	714	19	13,608	3.90	531	1-73		44	1,157	.00	44	84
21-39-0996	709801	117936	11-66	4	295	14,490	4.03	584	13	13,385	3.83	512	12-72		44	627	.04	29	50
21-39-0996	712140	117936	8-66	4	305	16,310	3.92	639	16	13,310	3.89	518	4-72		44	859	.01	35	64
21-39-0996	712148	117936	10-66	4	294	15,412	4.13	636	13	13,445	3.88	522	12-72		44	735	.05	34	58
21-39-0996	716168	117936	1-67	4	305	18,305	3.79	693	15	13,812	3.90	539	12-72		44	1,056	-.01	39	76
21-39-0996	716170	117936	1-67	3	303	14,510	4.14	600	13	13,300	3.89	518	9-71		42	635	.04	30	51
21-39-0996	724909	117936	5-67	3	305	16,826	3.83	644	15	13,720	3.94	541	1-72		42	863	.00	33	63
21-39-0996	728791	117936	10-67	3	298	16,093	4.15	668	13	13,530	3.86	522	11-72		42	796	.05	37	63
21-39-0996	728793	117936	11-67	3	295	14,750	3.88	573	10	13,116	3.80	498	2-73		42	680	.02	29	52
21-39-0996	732928	117936	11-67	3	280	15,240	4.06	619	11	13,386	3.86	517	12-72		42	711	.04	32	56
21-39-0996	732930	117936	12-67	3	303	17,256	3.69	637	14	14,083	3.98	560	11-72		42	879	-.03	30	61
21-39-0996	740658	117936	12-68	1	305	16,870	4.24	716	7	13,610	4.00	544	3-72		36	777	.04	35	61
21-39-0996	740686	117936	10-68	2	305	15,685	4.04	634	10	12,230	3.92	479	5-72		40	837	.03	36	64
21-39-0996	740689	117936	12-68	2	305	15,770	4.25	670	16	13,560	3.97	539	11-72		40	737	.04	34	58
21-39-0996	740692	117936	1-69	2	296	15,585	4.16	648	16	13,410	3.97	532	10-72		40	731	.04	33	57
21-39-0996	744583	117936	4-69	1	305	16,900	3.54	599	7	12,520	3.76	471	6-72		36	844	-.01	31	60
21-39-0996	744629	117936	3-69	1	305	14,390	4.02	578	7	12,400	3.91	485	5-72		36	664	.02	28	50
21-39-0996	745168	117936	4-69	1	305	18,130	3.59	650	7	13,610	4.00	544	3-72		36	871	-.03	30	61
21-39-0996	745290	117936	4-69	2	305	16,400	4.08	669	17	13,195	3.96	523	9-72		40	831	.03	36	64
21-39-0996	746344	117936	6-69	1	305	15,140	3.73	564	7	13,610	4.00	544	3-72		36	648	-.01	24	46
21-42-0066	700613	117936	3-66	3	298	13,880	3.86	536	7	12,630	3.84	485	3-72		42	624	.01	25	46
21-42-0492	665949	117936	12-62	7	297	16,204	3.76	610	10	13,394	3.90	522	3-72		44	849	-.01	31	61
21-42-0492	690505	117936	9-64	6	302	15,986	3.67	587	13	13,825	3.89	538	2-72		44	776	-.02	27	54
21-42-0492	711729	117936	12-65	5	305	16,502	3.82	631	9	13,584	3.98	541	4-72		44	868	-.01	32	62
21-42-0492	711731	117936	12-65	5	302	16,608	3.92	651	11	12,146	3.93	477	6-72		44	1,030	.01	41	76
21-42-0492	744663	117936	1-67	4	298	14,527	3.94	572	11	12,910	3.84	496	2-72		44	678	.02	29	52
21-42-0492	789912	117936	11-68	1	305	15,980	3.72	595	5	13,710	3.88	532	11-72		36	704	.00	27	51
21-42-0720	699053	117936	12-65	3	304	14,220	4.04	575	7	10,600	3.74	396	11-71		42	850	.04	38	66
21-42-0720	714010	117936	9-66	4	305	12,692	3.66	464	12	10,620	3.87	411	7-72		44	678	-.02	24	48
21-42-0720	729671	117936	3-68	3	301	12,836	4.54	583	9	11,683	3.92	458	6-72		42	591	.08	33	52
21-42-0720	736995	117936	8-68	2	305	13,420	3.64	488	12	11,030	3.84	424	11-72		40	704	-.02	25	50
21-42-0720	740483	117936	8-68	3	283	13,023	3.92	510	9	11,110	3.92	435	9-72		42	666	.01	27	50
21-42-0720	755220	117936	3-69	2	305	13,840	3.71	513	12	10,795	3.83	413	1-73		40	766	.00	29	55
21-42-0751	655436	117936	8-62	9	299	13,174	4.21	555	37	12,013	3.91	470	12-72		44	601	.06	30	50
21-42-0751	664679	117936	4-63	7	300	15,072	4.03	608	30	11,915	3.90	465	5-72		44	856	.03	37	66
21-42-0751	672378	117936	8-63	7	303	15,315	3.66	561	25	12,085	3.88	469	9-72		44	869	-.02	31	61
21-42-0751	694653	117936	5-65	6	303	16,488	3.77	622	32	12,196	3.89	475	10-72		44	1,009	-.01	38	73
21-42-0751	698045	117936	11-65	5	302	15,724	3.76	592	32	11,872	3.90	463	8-72		44	944	-.01	35	68
21-42-0751	700101	117936	1-66	5	273	14,174	3.42	485	23	12,230	3.84	470	2-72		44	707	-.05	21	46
21-42-0751	710786	117936	7-66	4	305	16,400	4.02	659	28	12,292	3.83	471	2-72		44	971	.04	42	75
21-42-0751	710796	117936	10-66	4	299	13,690	3.75	514	27	12,295	3.86	475	10-72		44	636	.00	24	46
21-42-0751	710803	117936	10-66	4	297	14,437	3.77	544	25	12,530	3.84	481	12-72		44	705	.00	27	51
21-42-0751	714235	117936	1-67	4	287	13,160	4.05	533	23	11,695	3.86	451	5-72		44	630	.03	28	49
21-42-0751	714237	117936	1-67	4	304	15,177	3.91	594	27	11,810	3.88	458	9-72		44	867	.01	35	65
21-42-0751	719214	117936	3-67	4	305	15,270	4.33	661	26	12,327	3.83	472	1-73		44	828	.08	42	69
21-42-0751	722903	117936	5-67	4	291	13,727	4.26	585	28	12,292	3.87	476	9-72		44	641	.06	32	53
21-42-0751	726648	117936	11-67	4	294	14,582	3.61	526	26	12,767	3.78	482	1-73		44	699	-.02	24	49
21-42-0751	726650	117936	10-67	4	294	13,870	3.87	537	21	12,245	3.80	465	3-73		44	663	.02	28	50
21-42-0751	726656	117936	9-67	3	298	13,870	4.18	580	23	12,210	3.81	465	5-72		42	662	.05	32	54
21-42-0751	732446	117936	2-68	3	300	13,873	4.25	590	22	12,506	3.79	474	1-73		42	635	.07	33	54
21-42-0751	737298	117936	5-68	3	296	14,283	3.86	552	26	12,233	3.86	472	9-72		42	707	.01	28	52
21-42-0751	737307	117936	8-68	3	290	14,260	4.09	583	27	12,966	3.81	494	1-73		42	637	.04	30	51
21-42-0751	737320	117936	10-68	2	305	14,665	4.11	603	19	12,650	3.86	488	10-72		40	699	.04	32	55

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-42-0751	741266	117936	11-68	1	305	13,790	4.42	609	29	12,480	3.90	487	9-71		36	615	.05	30	$ 50
21-42-0751	741267	117936	2-69	1	305	16,900	3.88	655	18	11,890	3.89	462	3-72		36	881	.01	35	65
21-42-0751	741269	117936	2-69	2	305	13,610	3.87	527	19	12,410	3.83	475	4-72		40	611	.01	25	46
21-42-0751	752016	117936	10-69	1	305	15,110	3.95	597	18	12,510	3.88	486	1-72		36	711	.02	30	54
21-42-0751	752017	117936	10-69	2	305	14,330	3.82	547	26	13,000	3.87	503	12-72		40	636	.00	25	47
21-43-0099	757875	117936	10-67	3	252	14,490	3.95	572	30	10,863	3.83	416	3-72		42	857	.02	36	65
21-43-0287	727061	117936	9-67	2	296	17,085	3.83	655	28	12,770	3.87	494	10-72		40	935	.01	37	69
21-43-0287	736761	129110	4-68	3	305	19,113	3.32	635	36	12,863	3.83	493	11-72		41	1,147	-.16	24	67
21-43-0287	736762	117936	7-68	2	292	17,300	3.74	647	28	12,470	3.84	479	8-72		40	981	-.01	37	71
21-43-0287	736764	117936	7-68	3	305	14,573	3.73	544	15	12,556	3.75	471	4-73		42	711	.00	28	52
21-43-0287	739165	117936	9-68	3	299	17,500	3.92	686	22	13,040	3.78	493	1-73		42	1,003	.03	42	76
21-43-0287	747796	117936	2-69	2	305	16,780	4.15	696	25	12,880	3.77	486	12-72		40	895	.05	41	71
21-43-0287	747797	117936	2-69	2	305	14,300	4.55	650	24	12,550	3.82	479	8-72		40	670	.09	37	58
21-43-0287	753578	117936	10-69	2	292	16,180	3.52	569	23	12,660	3.84	486	1-73		40	852	-.04	28	58
21-43-0287	762367	117936	7-70	1	284	14,180	3.84	544	30	12,080	3.85	465	10-72		36	667	.01	27	50
21-43-0287	762368	117936	7-70	1	305	14,990	3.77	565	27	11,690	3.89	455	7-72		36	751	.00	29	55
21-43-0287	764018	117936	4-70	1	299	12,690	4.55	578	31	11,510	3.89	448	8-72		36	590	.06	30	49
21-43-0483	714681	117936	10-64	6	257	15,308	3.84	588	27	12,628	3.79	479	3-73	B	44	812	.01	33	61
21-43-0483	733650	117936	10-67	3	291	14,300	3.85	551	38	11,886	3.74	444	9-72	B	42	741	.02	31	56
21-43-0483	743011	117936	3-69	2	294	15,295	4.24	649	30	12,565	3.67	461	9-72	B	40	770	.07	39	64
21-43-0483	743346	117936	4-69	1	305	16,270	3.45	562	31	13,350	3.72	496	4-72		36	747	-.02	26	52
21-43-0483	754400	117936	3-69	2	238	16,485	3.73	615	23	14,415	3.82	550	12-72	B	40	740	.00	28	54
21-43-0483	754401	117936	7-69	2	210	16,645	3.92	652	26	14,030	3.78	530	3-73	B	40	788	.02	33	60
21-43-0483	757637	117936	9-68	2	274	16,570	3.80	630	30	12,995	3.71	482	10-72	B	40	864	.01	35	64
21-43-0483	757646	117936	9-68	2	258	18,600	3.53	656	28	13,400	3.73	500	12-72	B	40	1,037	-.03	36	72
21-43-0483	757648	117936	10-68	2	292	14,765	3.70	546	26	12,550	3.71	466	8-72		40	717	.00	28	53
21-43-0483	757892	117936	10-69	2	229	16,835	3.69	621	29	14,365	3.80	546	1-73	B	40	780	-.01	29	56
21-43-0483	758243	129110	8-68	2	291	17,490	3.56	622	34	12,830	3.75	481	9-72	B	39	909	-.10	22	55
21-43-0483	762748	117936	3-68	3	261	16,576	3.60	597	34	12,596	3.74	471	1-73	B	42	937	-.02	34	67
21-43-0483	764912	117936	7-68	2	301	17,965	3.79	681	30	12,565	3.67	461	9-72	B	40	1,041	.01	42	78
21-43-0483	764918	117936	3-69	2	255	15,415	3.85	594	24	13,995	3.77	528	12-72	B	40	666	.02	28	51
21-43-0483	765748	117936	2-69	2	247	16,690	3.91	652	28	13,400	3.73	500	12-72	B	40	844	.03	36	65
21-45-0049	713353	117936	10-66	3	305	17,153	3.41	585	6	13,260	3.60	478	7-72		42	943	-.03	32	65
21-45-0392	702277	117936	12-64	5	293	15,040	3.85	579	10	12,434	3.75	466	2-73		44	798	.02	33	60
21-45-0392	703810	117936	12-65	5	277	13,596	3.66	498	12	12,126	3.74	453	7-72		44	643	-.01	24	46
21-45-0392	714162	117936	11-66	5	278	15,316	3.76	576	13	11,908	3.75	447	3-73		44	888	.01	35	65
21-45-0392	733160	117936	12-67	3	305	14,683	3.86	567	11	11,466	3.72	426	4-72		42	824	.02	34	62
21-45-0392	747299	117936	6-69	1	305	14,890	3.71	553	18	11,270	3.87	436	8-72		36	769	-.01	29	56
21-45-0452	689808	117936	3-63	7	303	16,054	4.07	653	16	12,980	4.02	522	12-72		44	872	.03	37	66
21-45-0452	729274	117936	9-67	4	298	16,215	3.72	603	18	13,360	4.03	538	8-72		44	842	-.03	29	59
21-45-0452	738952	117936	6-68	3	301	16,216	4.05	656	15	13,360	4.03	538	8-72		42	826	.02	34	62
21-45-0452	738953	117936	6-68	3	299	15,760	4.49	707	18	13,436	4.07	547	8-72		42	766	.08	39	64
21-45-0452	742614	117936	12-68	3	292	19,383	3.64	705	15	13,606	4.10	558	11-72		42	1,167	-.05	38	79
21-45-0452	742615	117936	12-68	3	302	16,190	4.29	695	17	13,503	4.10	554	11-72		42	810	.05	37	64
21-45-0452	751271	117936	1-68	3	304	20,580	3.94	810	9	13,926	4.03	561	3-73		42	1,276	.01	50	94
21-45-0452	751282	117936	7-69	2	305	15,160	4.13	626	14	13,440	4.06	545	8-72		40	685	.02	29	52
21-45-0452	755037	117936	1-70	1	305	17,000	4.17	709	11	13,960	4.20	587	1-72		36	766	.02	32	58
21-45-0452	760752	129110	3-70	2	305	18,930	3.86	731	8	14,130	4.03	569	3-73		39	951	-.08	26	60
21-45-0736	674250	117936	10-63	4	298	12,385	3.78	468	20	10,490	3.78	397	7-72		44	653	.01	26	48
21-45-0736	689548	117936	12-64	3	305	15,083	3.79	572	10	10,636	3.79	403	4-72		42	946	.00	37	69
21-45-0736	713351	117936	9-66	3	278	13,733	3.69	507	18	10,060	3.78	380	5-72		42	844	.00	32	61
21-45-0736	713352	117936	10-66	4	293	15,240	3.46	528	28	11,152	3.82	426	12-72		44	940	-.05	30	63
21-45-0736	714224	117936	10-66	4	293	12,782	3.89	497	28	11,067	3.80	421	1-73		44	645	.02	27	49
21-45-0736	730870	117936	12-67	3	299	13,753	3.82	526	36	11,080	3.81	422	9-72		42	752	.01	30	56
21-45-0736	740292	117936	9-68	2	305	15,725	3.62	569	42	11,320	3.78	428	11-72		40	914	-.02	33	65
21-45-0736	740808	117936	9-68	3	287	13,390	3.76	503	23	11,136	3.73	415	1-73		42	705	.01	28	52
21-45-0736	740818	117936	10-68	2	305	13,375	3.93	525	34	10,960	3.80	417	8-72		40	705	.02	30	54
21-45-0736	748476	117936	5-69	1	305	14,840	3.86	573	48	11,710	3.78	443	11-72		36	739	.01	30	55
21-45-0742	697598	117936	11-63	5	304	13,782	3.74	516	23	10,098	3.82	386	3-73		44	877	-.01	33	63
21-45-0742	750373	117936	9-68	1	305	14,450	3.63	524	21	10,760	3.79	408	2-72		36	766	.00	29	55
21-47-0026	686623	117936	9-64	6	302	15,988	3.77	602	11	12,365	3.86	477	9-72		44	927	-.01	35	67
21-47-0026	717528	117936	2-67	4	288	14,160	3.64	516	10	12,772	3.78	483	1-73		44	647	-.02	23	46
21-47-0026	735718	117936	3-68	3	300	14,076	3.75	528	16	12,566	3.84	483	10-72		42	653	.00	25	48
21-47-0026	735719	117936	3-68	3	294	15,746	3.65	574	13	13,010	3.79	493	12-72		42	804	-.02	29	57
21-49-0226	663257	117936	8-62	9	262	14,348	3.96	568	10	12,214	3.88	474	1-73	B	44	731	.02	31	56
21-52-0002	671530	117936	9-63	6	303	16,446	3.89	639	11	12,095	3.86	467	5-72		44	1,014	.01	41	76
21-52-0002	682781	117936	5-64	6	298	14,760	3.81	562	11	12,276	3.86	474	6-72		44	778	.00	30	57
21-52-0002	693161	117936	1-65	6	294	14,123	3.54	500	15	11,628	3.84	447	10-72		44	763	-.04	25	52
21-52-0002	693163	117936	3-65	5	300	14,080	3.89	548	9	12,610	3.86	487	6-72		44	656	.01	27	49
21-52-0002	721914	117936	1-67	3	291	14,963	3.58	535	7	12,660	3.87	490	6-72		42	746	-.03	25	51
21-52-0002	721916	117936	4-67	4	295	14,570	3.64	531	14	12,050	3.82	460	10-72		44	769	-.02	27	54
21-52-0002	721918	117936	5-67	3	300	13,550	4.20	569	17	11,616	3.86	448	10-72		42	680	.05	33	55
21-52-0002	752090	117936	12-69	1	305	13,940	4.20	585	23	11,490	3.89	447	11-72		36	685	.04	31	54
21-52-0002	760493	117936	5-70	1	305	13,950	4.08	569	22	11,590	3.87	449	10-72		36	680	.03	30	53
21-52-0385	705631	117936	8-65	3	296	14,256	3.77	538	10	12,040	3.86	465	11-71		42	722	-.01	27	52
21-52-0427	781097	117936	5-69	1	305	12,450	3.86	480	5	8,160	3.90	318	3-73		36	772	.01	31	57
21-53-0100	713477	117936	4-66	3	297	13,473	3.75	505	13	11,940	3.87	462	7-72		42	641	-.01	24	46
21-53-0100	735721	117936	8-68	3	305	14,550	3.74	544	10	13,343	3.68	491	4-73		42	636	.01	26	48
21-53-0100	745911	117936	11-68	2	305	15,290	3.80	581	14	12,685	3.84	487	11-72		40	759	.01	30	56
21-53-0166	624137	117936	8-60	10	290	14,458	3.83	554	23	11,213	3.82	428	10-71		44	849	.01	34	63
21-55-0340	663988	117936	4-63	6	302	14,760	3.87	571	11	11,860	3.87	459	10-71		44	821	.01	33	61
21-55-0340	693166	117936	6-65	5	305	14,554	3.60	524	10	11,984	3.78	453	12-71		44	782	-.02	28	55
21-55-0340	708794	117936	9-66	3	305	17,193	4.10	705	19	13,173	3.99	526	3-72		42	955	.03	41	73
21-55-0340	710793	117936	9-66	4	304	17,245	3.78	652	13	12,180	3.83	466	9-72		44	1,086	.00	42	79
21-55-0340	726822	117936	9-67	3	299	14,723	3.67	541	14	12,116	3.89	471	6-72		42	769	-.02	27	54

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O W I N D E X..... C REPT (%)	MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-55-0340	733259	117936	12-67	4	281	15,325	3.74	573	12	13,077	3.82	500	2-73	44	760	.00	29	$ 55
21-55-0340	739486	117936	5-68	3	292	14,950	3.48	520	14	12,603	3.86	487	5-72	42	750	-.05	23	50
21-55-0340	742075	129110	9-68	2	305	15,770	4.03	636	15	13,015	3.83	499	1-73	39	716	-.05	22	48
21-55-0340	744469	117936	2-69	3	298	16,150	3.78	611	9	12,706	3.84	488	4-73	42	878	.00	34	64
21-55-0340	744964	117936	2-69	2	304	14,830	3.84	569	20	12,075	3.87	467	8-72	40	762	.00	30	56
21-55-0340	745665	117936	2-69	2	305	13,695	4.21	577	19	12,185	3.88	473	9-72	40	638	.04	30	51
21-55-0340	756561	117936	9-69	2	305	14,915	3.92	584	13	12,850	3.86	496	3-73	40	708	.01	29	53
21-55-0340	757629	117936	5-67	1	305	13,730	4.17	573	17	12,460	3.84	478	3-72	36	611	.04	28	48
21-56-0066	747767	117936	4-69	2	305	16,530	3.77	624	5	14,365	3.59	515	12-72	40	749	.03	32	57
21-56-0333	694538	117936	5-65	5	290	14,498	3.55	515	7	12,948	3.78	490	12-71 B	44	675	-.02	23	47
21-56-0425	689452	117936	10-64	6	278	13,156	3.88	510	10	11,703	3.99	467	3-72	44	630	.00	24	46
21-56-0425	703782	117936	12-65	4	296	14,320	3.84	550	9	11,695	4.02	470	10-72	44	773	-.01	29	56
22-36-0226	732838	117936	3-68	2	305	13,660	3.89	532	13	11,695	3.92	458	3-73	40	674	.01	27	50
23-00-0145	712324	117936	8-66	4	295	13,637	3.75	512	28	11,880	4.11	488	12-71	44	670	-.03	22	46
23-15-0033	719117	117936	2-66	5	299	16,630	3.88	646	18	13,628	4.05	552	10-72	44	880	-.01	33	63
23-15-0033	719118	117936	3-66	4	305	17,392	3.81	663	18	13,412	4.06	544	9-71	44	983	-.02	35	69
23-15-0033	749257	117936	8-69	2	293	15,770	3.91	616	14	14,165	4.01	568	11-72	40	688	.00	27	51
23-15-0525	673859	109256	9-63	6	304	16,888	4.34	733	84	13,043	4.16	543	3-72	43	611	.11	37	56
23-15-0525	684620	123952	9-64	7	305	16,934	4.20	711	74	13,269	4.19	556	1-73	35	628	.03	28	49
23-15-0525	730690	129001	12-67	4	305	18,322	4.33	794	49	13,875	4.14	575	3-73	35	826	.08	42	69
23-15-0525	737940	129001	7-68	3	305	17,963	4.18	751	51	13,773	4.18	576	2-73	33	744	.04	34	59
23-15-0525	739873	129001	8-68	2	305	17,240	4.07	701	60	13,050	4.11	537	12-71	30	664	.02	28	50
23-15-0525	748148	117936	4-69	2	305	18,300	4.05	741	75	13,355	4.17	557	10-72	40	1,011	.01	40	75
23-15-0525	752506	129001	8-69	1	305	18,310	4.33	792	59	13,530	4.12	558	9-72	24	602	.06	31	50
23-15-0525	757971	130914	1-70	1	305	20,280	4.42	897	74	13,530	4.13	559	9-72	19	677	.06	34	56
23-15-0627	686303	117936	10-64	6	277	15,848	3.99	633	28	12,476	4.06	507	1-73 B	44	898	.01	36	67
23-15-0627	714794	117936	12-66	3	292	13,230	3.66	484	22	10,470	3.91	409	6-72	42	748	-.02	26	52
23-15-0627	739244	117936	9-68	2	295	12,270	4.31	529	23	10,310	3.92	404	11-72	40	646	.05	31	52
23-15-0676	708803	117936	8-66	2	305	14,850	3.95	587	6	10,550	3.94	416	7-72	40	888	.01	36	66
23-19-0127	685860	117936	10-64	6	304	17,088	3.74	639	7	12,325	3.94	485	11-71	44	1,073	-.02	39	76
23-22-0028	680346	117936	7-64	7	293	13,431	4.00	537	11	11,784	3.93	463	2-73	44	657	.02	28	50
23-22-0028	695540	117936	11-64	5	305	17,350	3.79	658	10	11,810	3.91	462	3-72	44	1,160	-.01	44	84
23-22-0028	699427	117936	12-64	6	303	16,095	3.83	616	13	12,345	3.91	483	12-72	44	943	.00	36	69
23-22-0028	703134	117936	10-65	6	264	13,810	4.16	575	11	12,410	3.92	486	11-72	44	642	.05	31	52
23-22-0028	717786	117936	1-67	4	300	15,620	4.21	657	14	12,352	3.95	488	10-72	44	868	.05	40	69
23-22-0028	725780	117936	9-67	3	305	15,160	4.05	614	21	13,160	3.91	515	2-73	42	723	.03	32	56
23-22-0028	727487	117936	10-67	3	304	14,783	3.79	561	16	12,093	3.93	475	7-72	42	778	-.01	29	56
23-34-0019	734896	117936	8-66	4	305	15,435	3.43	530	12	11,240	3.94	443	1-72	44	955	-.06	29	63
23-35-0001	717733	117936	7-66	3	304	14,830	3.82	567	69	10,086	3.96	399	6-72	42	968	.00	37	70
23-35-0001	739115	117936	8-68	2	305	12,060	3.82	461	61	9,765	4.03	394	9-72	40	669	-.01	25	48
23-35-0001	741212	117936	11-68	2	220	14,395	4.03	580	56	10,065	3.97	400	7-72	40	881	.02	37	67
23-35-0001	741213	117936	11-68	2	305	12,435	4.07	506	54	9,415	4.08	384	1-73	40	735	.01	30	55
23-35-0001	741224	117936	1-69	1	305	14,360	4.09	587	66	9,880	4.05	400	10-71	36	812	.02	34	62
23-35-0015	709691	117936	5-66	5	295	14,378	3.94	566	11	11,796	3.99	471	4-73	44	778	.01	31	58
23-35-0015	751467	117936	4-69	2	298	13,835	3.87	536	10	11,695	4.01	469	11-72	40	692	-.01	26	50
23-36-0018	685858	117936	8-64	6	303	16,275	3.99	650	13	13,601	3.76	512	8-72	44	837	.05	38	66
23-36-0018	700501	126011	9-65	5	294	16,660	3.91	651	11	14,074	3.65	513	7-72	41	783	.01	32	59
23-36-0018	724744	128289	4-67	4	301	15,650	4.12	645	23	12,340	3.90	481	1-73	36	831	.04	37	65
23-36-0018	763054	129110	7-69	2	301	17,380	3.55	617	17	13,525	3.87	523	9-72	39	840	-.12	18	49
23-36-0090	734455	126011	3-68	2	305	15,395	3.85	592	20	11,215	3.95	443	12-72	36	833	-.03	28	57
23-36-0195	674849	117936	2-63	6	271	17,906	3.90	698	11	13,630	4.11	560	4-72	44	1,044	-.01	39	75
23-36-0605	687844	117936	2-65	5	305	15,888	3.80	603	28	13,034	3.99	520	11-71	44	845	-.01	31	60
23-36-0605	717221	128289	8-66	4	302	15,155	3.79	574	33	12,382	4.09	507	7-72	36	757	-.04	24	51
23-36-0605	717224	128289	9-66	4	305	17,515	4.03	705	40	13,117	4.07	534	5-72	36	1,005	.01	40	74
23-36-0605	717227	126011	10-66	4	296	17,000	3.86	656	41	13,032	4.04	526	4-72	40	923	-.04	30	63
23-36-0605	720559	128289	1-67	4	304	16,775	3.96	665	41	13,232	4.12	545	10-72	36	888	-.01	33	64
23-36-0605	724741	128289	1-67	3	304	15,130	3.96	599	33	12,906	4.08	526	5-72	34	680	-.01	25	49
23-36-0605	727709	128289	5-67	3	305	16,896	4.23	715	44	13,480	4.04	544	2-72	34	851	.04	38	66
23-36-0605	727842	117936	8-67	3	299	15,153	3.85	584	43	13,140	4.03	530	1-72	42	724	-.01	27	52
23-36-0605	733029	128289	11-67	3	305	17,256	3.89	671	36	12,966	4.06	526	3-72	34	952	-.02	34	67
23-36-0605	739729	128289	8-67	3	299	15,460	3.86	596	44	13,286	4.06	539	3-72	34	683	-.03	23	47
23-36-0605	739734	122242	12-67	4	305	17,432	3.77	658	47	13,647	4.10	559	2-73	42	691	-.05	21	46
23-36-0605	741755	117936	9-68	3	302	15,740	4.02	633	46	13,413	4.12	552	12-72	42	766	.00	30	56
23-36-0605	779700	128289	8-70	1	305	16,870	4.19	707	36	13,440	4.29	577	1-73	26	725	.00	28	53
23-36-0605	780232	128289	7-70	1	305	18,330	3.62	664	36	13,440	4.29	577	1-73	26	851	-.07	24	55
23-36-0833	719471	117936	10-65	4	305	17,002	4.05	688	5	13,052	3.88	507	3-72	44	970	.04	42	75
23-38-0139	710781	117936	7-66	4	304	15,065	3.95	595	10	12,922	3.95	511	1-72	44	744	.01	30	55
23-56-0205	756743	117936	11-69	1	305	13,650	3.90	532	9	12,090	4.01	485	10-72	36	627	.01	25	46
23-56-0205	762909	117936	8-70	1	305	14,210	3.45	490	6	12,640	3.52	445	1-73	36	636	.00	24	46
23-58-0132	678843	117936	8-63	6	301	15,641	4.11	643	9	12,025	3.89	468	6-72	44	918	.04	41	72
23-58-0552	760743	117936	4-69	2	301	13,635	3.79	517	7	11,815	3.85	455	7-72	40	662	.00	26	49
23-58-0552	780581	134559	12-68	2	305	18,215	3.69	672	5	12,080	3.83	463	3-73	25	787	-.03	27	55
23-58-0555	698827	117936	1-66	3	300	13,183	3.99	526	14	11,953	4.02	481	3-72	42	606	.01	25	46
23-58-0555	728178	117936	1-68	3	298	13,586	3.83	520	17	12,216	3.94	481	7-72	42	629	.00	24	46
23-58-0555	743336	117936	12-66	2	305	12,930	3.78	489	22	11,105	3.95	439	5-72	40	648	-.01	24	46
23-63-0194	732832	117936	12-67	2	220	14,430	3.90	563	29	11,110	3.82	424	9-71 B	40	800	.02	33	60
23-63-0194	741894	129166	8-68	3	234	19,120	3.90	745	16	11,650	3.83	446	1-73	40	874	-.01	32	62
23-63-0194	757699	129110	7-69	1	305	18,900	3.49	660	35	10,500	3.91	411	7-72	35	1,054	-.12	26	65
23-66-0031	735901	126011	3-68	3	304	14,733	4.02	592	10	11,796	3.74	441	8-72	39	740	.00	29	54
31-06-9081	732080	117936	2-68	2	305	18,180	3.76	684	10	11,645	3.91	455	5-72	40	1,137	-.01	43	82
31-15-0167	728808	126159	9-67	2	299	21,170	3.28	695	13	13,170	3.53	465	11-72	39	944	-.10	24	58
31-33-0770	677081	117936	2-64	4	243	15,705	4.05	636	13	11,497	3.81	438	12-72	44	963	.04	42	74
31-33-0770	682119	117936	3-64	7	264	14,358	3.88	557	12	11,291	3.76	424	8-72	44	828	.02	35	63
31-33-0770	709238	117936	9-66	3	305	14,673	4.08	598	10	11,753	3.95	464	2-72	42	796	.03	35	62
31-33-0770	726335	117936	9-67	3	305	13,306	3.92	521	10	11,986	3.90	467	4-73	42	618	.01	25	46

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S DAYS	AVERAGE PRODUCTION MILK (LB)	AVERAGE PRODUCTION FAT (%)	AVERAGE PRODUCTION FAT (LB)	HERDMATE AVERAGES NO.	HERDMATE AVERAGES MILK (LB)	HERDMATE AVERAGES FAT (%)	HERDMATE AVERAGES FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	I N D E X FAT (LB)	I N D E X DOL-LARS
31-33-0770	732052	117936	1-68	3	299	13,043	3.88	506	18	11,550	3.75	433	11-72		42	627	.02	27	$ 48
31-33-0770	734472	117936	3-68	3	300	13,740	3.70	508	14	11,923	3.83	457	11-72		42	673	-.01	25	48
31-33-0770	738904	117936	10-68	2	300	13,730	3.93	540	11	11,690	3.93	459	3-72		40	682	.01	28	51
31-33-0770	739937	117936	9-68	2	291	13,890	3.56	495	15	11,810	3.71	438	9-72		40	688	-.01	25	49
31-33-0770	739942	117936	10-68	2	305	16,990	3.56	605	12	11,720	3.75	440	7-72		40	1,010	-.02	36	71
31-33-0770	742611	117936	12-68	1	269	14,280	3.73	532	9	12,020	3.80	457	3-73		36	631	.01	25	47
31-33-0770	742815	117936	1-69	2	301	15,550	3.75	583	10	12,510	3.91	489	3-73		40	800	-.01	30	58
31-33-0770	743814	117936	5-69	2	303	13,760	3.92	539	7	12,325	3.90	481	4-73		40	633	.01	26	48
31-33-0770	746368	117936	5-69	1	289	13,920	3.79	527	9	11,830	3.74	442	6-72		36	663	.01	27	50
31-33-0770	746369	117936	6-69	2	300	16,110	3.76	606	10	12,510	3.91	489	3-73		40	857	-.01	32	62
31-33-0770	747669	117936	8-69	1	302	18,240	3.80	694	9	11,860	3.76	446	5-72		36	983	.01	39	73
31-33-9019	722470	117936	12-66	4	297	13,912	3.80	528	6	12,187	3.82	465	4-72		44	674	.00	26	49
31-33-9019	754922	130174	11-69	1	305	18,690	3.41	637	18	11,370	3.73	424	10-72		32	804	-.07	22	51
31-42-0048	714139	96189	1-67	5	299	17,580	4.01	705	18	13,882	3.88	538	10-72		44	612	.04	29	49
31-42-0048	733438	117936	1-68	3	294	18,050	3.58	646	6	13,936	3.68	513	7-72		42	984	-.02	36	70
31-42-0048	742727	129110	12-68	3	296	18,790	3.68	691	16	14,796	3.87	572	12-72		41	928	-.10	23	57
31-54-9052	735620	126322	2-68	3	305	15,917	3.61	575	36	11,497	3.69	424	10-72		34	667	-.01	24	47
31-54-9052	746640	129110	3-69	2	305	16,950	3.57	605	20	12,180	3.81	464	5-72		39	907	-.10	22	55
31-55-9037	762532	126011	5-68	1	305	16,170	3.77	609	7	12,750	3.51	447	11-72		32	711	-.01	26	51
31-57-0046	742978	117936	10-66	4	305	14,867	3.67	545	18	11,730	3.90	458	1-73		44	837	-.03	29	58
31-57-0046	742984	117936	2-67	4	301	13,500	3.87	523	19	11,670	3.95	461	10-72		44	674	.00	26	49
31-58-0030	721888	117936	4-67	3	299	15,040	3.60	541	6	10,953	3.83	419	12-72		42	912	-.03	32	64
31-65-0949	672826	117936	10-63	5	305	20,142	3.67	740	16	13,706	3.95	542	11-72		44	1,325	-.04	46	92
31-75-9700	716163	117936	3-67	3	305	14,470	3.67	531	19	11,380	4.18	476	8-72		42	807	-.04	26	55
31-75-9700	724601	117936	8-67	1	305	16,580	4.82	799	45	11,770	4.32	508	10-72		36	865	.08	43	71
31-75-9700	730907	117936	4-67	2	305	18,940	3.98	754	33	11,550	4.10	474	10-72		40	1,222	.01	48	90
31-75-9700	738552	117936	6-67	3	305	14,683	4.45	654	13	11,763	4.10	482	5-72		42	796	.07	39	65
31-75-9700	739209	117936	10-68	2	297	15,325	3.71	569	17	12,045	3.99	480	5-72		40	815	-.02	29	57
31-85-9128	753921	129110	6-69	2	301	19,510	3.33	650	18	13,920	3.97	552	12-72		39	1,028	-.16	19	58
31-85-9128	760117	117936	1-70	1	305	15,650	4.04	632	15	13,660	4.01	548	6-72		36	683	.01	28	51
31-85-9128	760118	117936	1-70	1	305	17,350	3.74	649	16	13,050	4.04	527	7-72		36	846	-.01	31	60
32-76-0773	708954	117936	9-66	3	299	19,646	3.56	700	22	15,180	3.78	574	4-72		42	1,053	-.04	36	73
32-76-0773	736058	117936	8-68	2	299	16,495	3.66	603	18	14,070	3.73	525	1-73		40	769	-.01	29	56
32-76-0773	743779	117936	4-69	2	305	15,360	3.40	522	26	12,710	3.81	484	11-72		40	765	-.04	24	51
32-76-0773	746525	117936	4-68	3	294	16,830	3.62	609	22	14,180	3.76	533	6-72		42	821	-.02	29	58
33-03-0212	685147	117936	9-64	4	305	13,992	3.73	522	8	10,470	3.82	400	1-72		44	853	-.01	32	62
33-43-0731	712362	117936	11-66	2	305	17,645	4.37	771	8	10,155	4.15	421	10-72		40	1,204	.06	54	94
33-61-1520	696907	117936	9-65	4	305	19,780	3.42	676	25	12,207	3.51	429	7-72		44	1,396	-.04	48	97
33-61-1520	735808	128289	6-68	2	305	16,225	3.74	607	13	12,285	4.00	492	6-72		32	837	-.03	28	58
33-61-1520	739650	117936	9-68	2	299	14,095	3.87	546	12	12,595	3.95	498	4-72		40	645	.00	25	47
33-61-1520	748298	117936	1-69	1	305	14,990	3.70	555	10	11,880	3.93	467	10-71		36	740	.00	28	54
33-61-1520	758818	129110	6-70	1	305	20,240	3.48	704	16	11,210	4.24	475	12-72		35	1,113	-.14	25	66
33-62-0736	725735	128289	9-67	4	284	14,390	3.60	518	11	11,522	3.65	421	7-72		36	746	-.02	26	52
33-92-0471	724597	117936	11-66	4	264	15,172	3.84	583	13	11,635	3.86	449	7-72	B	44	884	.01	35	65
33-95-0151	729278	117936	12-67	2	305	14,475	3.61	523	7	11,630	3.72	433	9-71		40	762	-.01	28	54
34-39-0119	707968	117936	5-66	3	305	16,326	3.97	648	8	11,466	3.91	448	5-72		42	1,013	.02	42	76
34-81-0030	667881	103310	5-63	8	304	17,053	4.08	695	12	12,548	4.00	502	1-73		39	833	.03	36	64
35-05-0441	620620	103949	5-60	9	305	24,523	3.76	922	23	12,823	3.91	501	3-73		44	1,510	-.06	50	103
35-05-0441	713788	117936	8-66	1	305	13,750	4.25	585	21	11,470	3.81	437	3-73		36	672	.05	32	54
35-08-0006	720997	126462	4-67	4	304	16,488	3.31	546	6	10,530	3.93	414	9-72		33	939	-.13	20	55
35-08-0007	737696	117936	3-68	2	305	15,345	3.34	512	17	10,665	3.68	393	1-73		40	929	-.05	30	63
35-10-0057	758276	123525	12-67	3	305	17,823	3.74	667	7	13,053	3.82	498	2-73		37	703	-.01	26	50
35-10-0057	758278	130168	1-68	2	305	20,995	3.32	697	12	11,990	3.83	459	8-72		33	1,253	-.10	36	81
35-15-0292	770873	130952	10-70	1	305	15,920	4.27	679	22	10,700	3.93	420	10-72		26	581	.06	30	49
35-49-0216	760246	117936	3-70	1	305	17,330	3.85	667	8	12,510	3.75	469	1-73		36	877	.02	36	66
35-49-0216	760248	117936	4-70	1	305	18,000	3.63	653	8	12,510	3.75	469	1-73		36	926	-.01	35	67
35-54-0029	726711	117936	9-66	3	305	13,466	3.71	499	6	11,670	3.80	443	8-72		42	665	-.01	25	48
35-54-0029	758132	130494	2-69	2	305	17,465	3.62	633	8	11,790	3.97	468	4-72		25	721	-.05	22	48
35-57-0022	679389	117936	1-64	5	301	13,896	3.70	514	11	12,022	4.05	487	11-71		44	693	-.03	23	47
35-57-0022	733428	128089	1-68	3	305	15,643	3.46	542	9	11,443	3.86	442	12-72		34	753	-.05	23	50
35-57-0022	759809	128089	1-69	2	305	15,185	3.91	594	9	11,310	3.84	434	10-72		32	655	.02	28	50
35-57-0032	686564	116706	9-64	7	304	15,579	3.72	580	12	10,903	3.79	413	1-73		44	586	.03	26	46
35-57-0032	735760	117936	6-68	2	305	13,340	4.19	559	13	10,285	3.74	385	7-72		40	756	.06	36	61
35-57-0032	750313	117936	6-69	1	305	13,670	4.19	573	15	11,150	3.84	428	12-72		36	685	.04	31	54
35-68-0009	734089	129273	2-68	3	305	15,600	3.97	619	22	10,990	4.15	456	9-72		32	699	-.01	26	50
35-68-0009	743743	117936	12-68	2	305	14,770	4.14	611	37	11,770	4.10	483	11-72		40	781	.02	33	59
35-68-0130	704017	117936	1-66	2	305	13,710	3.82	524	15	9,565	4.01	384	5-72		40	852	-.01	32	61
35-68-0130	760530	129274	5-69	2	197	15,805	4.08	645	10	8,535	4.02	343	1-73	B	31	924	.05	42	73
41-23-0386	704871	117936	12-65	2	305	12,950	3.72	482	10	10,960	3.92	430	3-73		40	662	-.01	24	47
41-23-0386	711466	124927	1-64	3	298	14,456	4.00	578	9	10,520	3.81	401	4-73		38	845	.00	33	62
41-23-0386	738184	117936	10-68	1	305	13,930	3.74	521	7	11,130	3.87	431	4-73		36	705	.00	27	51
41-23-0386	758884	117936	6-67	3	305	13,690	3.89	532	18	11,006	3.98	438	4-73		42	752	.00	29	55
41-23-0386	767574	124927	8-70	1	305	15,730	3.37	530	17	11,340	3.83	434	2-73		31	779	-.07	21	49
41-25-0503	680285	113146	4-59	6	290	13,672	4.77	652	14	9,848	3.90	384	3-72		37	459	.14	35	48
41-25-0503	700944	125113	10-65	6	301	16,133	4.48	722	15	11,103	3.99	443	3-73		32	780	.11	44	69
41-25-0503	737479	126379	7-68	2	305	16,710	4.43	740	13	11,335	4.19	475	2-73		31	521	.10	32	48
41-25-0503	746371	128426	9-67	3	300	20,493	4.32	885	20	10,606	4.17	442	10-72		33	1,289	.07	59	102
41-25-0503	754520	129236	1-70	1	305	18,000	4.74	854	9	12,340	4.04	498	7-72		23	439	.13	33	46
41-28-9180	671774	124846	9-63	4	302	14,548	3.78	550	10	9,353	3.80	355	5-72		35	749	-.01	28	54
41-55-9403	711489	124927	3-65	3	305	17,816	4.25	757	19	11,240	3.84	432	7-72		38	1,189	.05	52	92
41-55-9403	726755	124927	7-67	2	302	14,865	4.00	594	14	11,810	4.07	481	1-73		36	735	-.02	26	52
41-55-9403	760321	133304	9-67	1	305	18,300	4.18	765	16	11,550	3.90	451	4-72		19	639	.04	30	51
41-66-0006	725063	128289	8-67	3	305	12,170	4.01	488	20	9,206	3.96	365	3-73		34	680	.01	27	50
41-72-0051	603940	117936	7-59	3	305	15,440	4.16	642	15	12,523	3.73	467	12-71		42	814	.06	39	66
41-74-9206	757426	130494	3-69	2	305	16,050	3.55	569	6	10,400	3.56	370	4-72		25	683	-.03	23	47

TABLE 1. AYRSHIRE USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
41-85-0449	772057	131837	9-70	1	301	18,280	3.55	649	25	7,620	4.07	310	12-72		23	1,029	-.04	34	$ 70
41-85-0449	772058	131837	12-70	1	305	15,070	4.02	606	44	7,340	3.99	293	10-72		23	759	.01	31	57
42-03-0156	669539	117936	4-63	7	290	13,218	4.22	558	10	11,751	3.94	463	11-71		44	633	.05	31	52
42-22-0191	685031	117936	9-64	6	305	15,103	3.81	576	14	13,048	3.75	489	2-73		44	743	.02	31	56
42-22-0191	700818	117936	2-66	5	301	15,608	3.78	590	16	12,786	3.80	486	9-72		44	835	.01	33	62
42-22-0191	713066	117936	5-66	5	280	14,418	3.77	544	10	13,270	3.77	500	3-73		44	631	.01	25	47
42-22-0191	748299	117936	7-69	1	305	15,640	3.52	551	22	11,430	3.81	435	7-72		36	815	-.02	29	57
42-22-0191	748304	117936	8-69	1	305	15,540	3.96	616	17	12,900	3.87	499	5-72		36	720	.02	30	54
42-26-0017	704853	126640	8-65	3	305	17,763	4.00	711	9	13,153	3.70	487	12-71		34	964	.05	43	75
42-26-0017	715343	117936	2-67	3	287	13,016	3.83	499	10	11,776	3.71	437	7-72		42	603	.02	26	46
42-26-0017	742054	117936	8-67	4	260	17,195	3.96	681	16	12,795	3.72	476	2-73		44	1,019	.04	44	78
42-26-0017	743310	117936	6-68	1	305	16,760	3.27	548	6	11,840	3.61	428	11-72		36	874	-.04	29	60
42-28-0133	707661	117936	2-66	4	227	13,522	3.76	508	38	10,922	3.69	403	3-72	B	44	751	.01	30	56
42-28-0133	733405	117936	3-68	2	305	14,165	4.67	662	48	11,140	4.37	487	2-73		40	771	.07	38	63
42-28-0133	739889	117936	3-68	1	305	12,770	4.54	580	52	10,800	4.19	453	4-72		36	639	.04	30	51
42-28-0133	744682	117936	4-69	2	305	12,475	4.50	561	22	10,550	4.01	423	7-72		40	647	.07	33	54
42-28-0133	744729	117936	3-69	1	305	14,650	4.44	651	12	10,830	4.41	478	9-72		36	777	.03	34	60
42-28-0133	750655	117936	5-69	2	305	12,950	4.86	629	38	11,020	4.17	459	3-73		40	657	.09	37	58
42-28-0133	750665	117936	9-69	2	305	15,185	4.56	693	51	11,255	4.33	487	4-73		40	865	.06	41	70
42-33-0329	716646	117936	1-67	3	298	15,103	4.09	617	14	10,290	4.05	417	11-72		42	980	.03	41	74
42-34-0042	702306	117936	8-65	3	286	13,370	3.82	511	11	11,320	3.92	444	10-71		42	686	.00	26	50
42-41-0103	771309	124927	9-70	1	305	13,480	3.62	488	15	9,530	3.71	354	2-73		31	714	-.04	23	48
42-50-0120	716641	117936	12-66	4	302	13,085	3.55	465	10	10,747	3.68	396	5-72		44	714	-.02	25	50
42-51-0012	696901	117936	2-65	5	304	14,614	4.05	592	20	11,842	3.98	471	12-72		44	804	.02	34	61
42-53-0128	667146	117936	3-63	5	305	13,302	4.25	565	17	11,508	4.00	464	11-72		44	661	.05	32	54
42-53-0128	699428	117936	8-65	4	293	13,487	4.06	548	12	12,207	4.06	496	3-72		44	619	.02	26	47
42-53-0128	701541	117936	11-65	5	303	16,448	3.91	643	22	12,032	3.78	455	1-73		44	1,021	.03	43	78
42-53-0128	707206	117936	10-65	3	289	15,536	3.80	590	25	12,193	3.65	445	5-72		42	855	.02	35	64
42-53-0128	707662	117936	3-66	3	305	14,643	3.50	513	29	11,583	3.63	421	6-72		42	808	-.02	29	57
42-53-0128	716649	117936	12-66	4	305	15,335	3.78	580	17	12,472	3.90	486	1-73		44	821	-.01	31	59
42-53-0128	720530	117936	1-65	4	280	16,955	3.77	640	27	12,037	3.76	453	12-72		44	1,064	.00	41	78
42-53-0128	724149	117936	1-67	3	305	14,470	3.95	571	23	12,310	3.62	446	4-72		42	722	.04	33	57
42-53-0128	725157	117936	4-67	4	300	16,652	4.07	678	19	12,682	3.90	494	2-73		44	963	.04	42	74
42-53-0128	734818	117936	11-64	1	305	15,530	4.35	675	17	12,210	3.96	484	12-71		36	760	.05	36	61
42-53-0128	734975	127014	10-67	2	305	18,400	4.56	839	24	12,535	4.54	569	11-72		34	745	.05	35	60
42-53-0128	736183	117936	1-68	3	292	13,510	4.70	635	25	11,510	4.16	479	12-72		42	685	.09	37	59
42-53-0128	736281	117936	3-68	3	305	16,313	4.50	734	20	11,560	4.13	477	12-72		42	1,003	.08	49	82
42-53-0128	736297	117936	6-68	2	305	15,830	4.78	756	15	11,940	4.34	518	2-73		40	875	.09	45	73
42-53-0128	738639	117936	8-67	3	297	15,276	4.16	636	22	11,983	3.67	439	4-72		42	846	.07	41	69
42-53-0128	739891	117936	8-68	2	305	17,755	5.01	890	15	12,145	4.35	528	3-73		40	1,054	.14	58	92
42-53-0128	742124	117936	2-69	1	305	14,110	4.37	616	27	11,300	4.21	476	7-72		36	709	.04	32	56
42-53-0128	742125	117936	2-69	1	305	16,240	4.86	789	21	11,590	4.52	524	9-72		36	850	.07	42	70
42-53-0128	742763	117936	11-68	1	305	15,750	4.62	728	15	12,490	4.21	526	3-72		36	760	.06	37	62
42-53-0128	743311	117936	9-68	2	292	13,090	4.92	644	17	11,925	4.36	520	2-73		40	598	.08	33	52
42-53-0128	744728	117936	2-69	1	305	14,650	4.56	668	29	11,280	4.21	475	6-72		36	750	.06	36	61
42-53-0128	745667	117936	4-69	2	305	15,305	4.02	615	21	11,505	4.09	470	9-72		40	857	.01	34	63
42-53-0128	750312	117936	3-69	2	305	13,820	5.10	705	20	12,810	4.36	559	1-73		40	600	.10	36	55
42-53-0128	765651	117936	11-66	2	305	15,920	5.04	803	18	11,835	4.32	511	12-72		40	892	.12	50	78
42-81-0031	726135	129162	8-67	3	305	16,830	3.89	654	41	11,450	4.03	461	4-72		34	753	-.02	26	52
42-82-0010	769063	126640	8-70	1	305	18,750	3.26	611	11	13,570	3.88	526	12-72		26	840	-.08	23	53
42-82-0010	769425	126640	9-70	1	304	17,480	3.68	643	12	13,500	3.94	532	11-72		26	735	-.03	25	51
42-82-0025	699111	117936	8-65	3	305	13,783	4.32	595	7	9,466	3.94	373	1-73		42	904	.06	43	73
42-82-0025	742452	117936	11-68	2	305	13,460	3.93	529	12	9,850	4.05	399	12-72		40	804	.00	31	59
42-85-0072	704854	126640	11-65	5	304	21,088	3.76	792	6	14,134	3.75	530	1-73		37	1,394	-.01	53	101
42-85-0072	710161	126640	11-65	5	305	19,168	3.74	717	8	13,696	3.74	512	11-72		37	1,165	-.01	44	84
42-85-0072	710162	126640	1-66	5	301	17,844	3.92	699	8	13,806	3.74	516	11-72		37	959	.03	41	73
42-85-0072	720166	126640	9-66	4	303	16,915	3.71	628	12	14,695	3.74	550	9-72		36	710	-.01	26	51
42-85-0072	720167	126640	10-66	5	304	18,184	3.77	685	9	14,836	3.72	552	10-72		37	888	.01	35	65
42-85-0072	720168	126640	2-67	4	304	21,007	3.57	750	7	14,442	3.76	543	12-72		36	1,311	-.05	44	90
42-85-0072	722732	126640	10-65	5	305	16,502	3.67	605	10	14,462	3.75	542	10-72		37	686	-.02	24	48
42-85-0072	739580	129870	2-68	3	304	20,450	3.54	724	17	15,373	3.76	578	8-72		34	818	-.07	23	53
42-85-0072	748406	129586	7-68	2	305	19,725	3.88	765	23	15,110	3.80	574	9-72		25	671	.02	28	51
42-85-0072	765448	126640	7-68	2	257	18,570	3.46	643	8	15,245	3.64	555	4-72	B	32	799	-.04	26	54
42-85-0072	770657	126640	6-70	1	305	17,780	3.75	666	12	14,510	3.86	560	8-72		26	691	-.01	25	49
42-86-0088	698902	117936	7-65	2	305	14,775	3.50	517	21	10,535	3.78	398	2-72		40	882	-.03	30	61
42-86-0088	738185	117936	10-68	2	298	13,730	3.47	477	34	9,420	3.57	336	5-72		40	866	-.02	31	61
46-26-0003	711973	124927	9-66	4	305	14,230	3.26	464	25	10,667	3.84	410	3-73		40	819	-.11	18	48
46-26-0006	730776	124927	9-67	4	283	15,925	3.72	592	14	11,627	4.07	473	10-72		40	941	-.06	29	63
47-20-0076	744676	117936	5-69	2	302	15,505	3.60	558	5	10,170	3.81	387	1-73		40	986	-.02	35	69
47-55-0117	740189	123936	8-68	2	305	15,055	4.06	611	23	8,740	4.02	351	1-72		39	699	.00	27	51
47-70-0071	736547	117936	5-68	3	284	13,773	3.86	532	13	10,656	3.82	407	12-72		42	794	.01	32	59
48-03-0024	746585	117936	11-68	3	297	18,480	3.69	682	12	14,366	3.77	542	1-73		42	994	-.01	37	71
48-04-0005	732135	128746	1-68	4	305	18,118	3.61	654	10	11,510	3.89	448	3-73		33	993	-.07	30	66
48-14-0016	629502	117905	11-60	8	305	17,428	4.27	745	30	12,050	4.14	499	12-72		41	880	.06	34	56
48-14-0016	765486	130563	10-69	1	305	17,290	3.89	672	45	12,150	4.20	510	11-71		24	695	-.02	24	48
48-23-0050	724372	124536	6-67	4	305	15,922	4.02	640	9	11,177	3.90	436	3-73		37	673	.05	32	54
48-45-0030	717480	125928	2-67	3	305	16,153	3.99	645	46	11,853	3.86	458	11-71		41	738	.00	28	53
48-45-0030	725939	128953	8-67	4	299	16,463	3.84	633	46	12,165	3.89	473	11-72	B	34	641	-.01	24	46
48-45-0030	735702	127948	5-68	2	305	20,135	3.52	708	38	12,225	3.86	472	1-72		32	899	-.07	26	58
48-45-0030	737767	129300	9-68	2	286	18,050	3.74	675	31	12,195	3.87	472	12-72	B	30	758	-.02	27	**
48-86-0048	749324	125928	10-69	1	305	16,800	3.61	606	12	9,090	3.83	348	8-72		34	802	-.05		
48-91-0068	747555	106285	9-67	3	299	16,337	3.97	648	8	10,813	4.04	437	8-72		41	684	.02		
50-30-0016	736293	128674	6-68	2	305	17,455	4.10	716	19	13,160	4.26	560	1-72		31	602	.02		
50-30-0016	750832	117936	4-68	2	305	16,005	4.04	647	32	13,065	4.35	568	12-71		40	801	-.01		
51-04-0013	709205	123936	8-66	4	305	15,060	3.98	599	8	10,588	3.87	410	5-72		42	636	.00		

TABLE 1. AYRSHIRE USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
51-17-7139	704747	117936	1-66	3	304	14,450	3.99	576	26	12,443	4.03	501	12-72	42	707	.01	29	$ 53
51-17-9001	671395	117936	1-64	6	260	12,925	3.97	513	35	11,041	3.99	440	9-72 H	44	669	.01	27	50
51-17-9001	715673	117936	1-67	4	292	13,157	3.98	524	36	11,952	3.88	464	3-73	44	604	.02	26	46
51-17-9001	715770	121851	7-66	3	305	16,416	3.86	633	20	11,623	4.10	476	7-72	34	640	-.01	24	46
51-17-9001	746556	117936	8-67	3	305	13,343	4.29	572	41	11,456	4.06	465	8-72	42	671	.04	31	53
51-17-9001	753931	131142	11-69	2	305	15,145	4.05	613	59	10,985	4.06	446	1-73	34	614	.02	26	47
52-23-0092	701828	117936	1-66	5	305	17,382	3.88	674	11	12,466	3.84	479	9-72	44	1,097	.01	44	81
52-56-6029	676808	117936	8-63	6	303	20,776	3.88	806	18	13,931	3.96	552	9-72	44	1,383	.00	54	102
52-56-6029	706994	117936	5-66	4	303	16,782	3.86	648	20	13,772	3.88	535	5-72	44	872	.00	34	64
52-56-6029	750527	130772	8-69	1	305	21,170	3.06	648	17	12,970	3.83	497	4-72	23	889	-.12	19	52
52-56-6029	755477	117936	9-68	1	305	17,300	3.57	617	19	14,530	3.82	555	11-71	36	754	-.02	27	53
52-56-6037	726488	117936	7-66	5	274	19,832	3.64	721	17	13,176	4.06	535	2-73 A	44	1,339	-.06	44	91
55-67-0003	696206	116706	9-65	4	304	19,240	3.71	713	20	14,298	3.82	546	1-72	43	677	.02	28	51
55-67-0003	708367	110671	11-65	5	301	17,410	4.10	714	20	14,332	3.75	537	2-73	44	579	.05	29	48
55-67-0003	711612	110671	7-66	4	305	18,645	3.73	695	26	14,748	3.70	545	11-72	43	671	-.02	24	47
57-53-0505	761741	117936	12-68	2	305	14,175	4.39	622	43	11,470	3.82	438	11-72	40	745	.07	38	62
58-04-0001	706678	117936	9-64	2	305	14,040	3.24	455	53	10,810	3.54	383	6-72	40	785	-.04	25	53
58-06-0028	680555	117936	5-64	6	289	14,391	3.94	567	17	11,613	3.82	444	3-73	44	799	.03	34	61
58-06-0028	714797	117936	12-66	4	299	12,842	3.77	484	23	10,610	3.80	403	10-72	44	697	.00	27	51
58-06-0028	720185	117936	6-67	3	305	13,366	3.67	490	21	10,666	3.78	403	1-73	42	746	-.01	28	54
58-06-0028	722057	117936	5-67	3	305	13,016	3.80	495	20	10,656	3.78	403	12-72	42	707	.01	28	52
61-42-0001	728999	117936	11-67	3	301	16,570	3.59	595	5	11,466	3.92	450	10-72	42	1,041	-.04	35	72
65-03-0052	686497	117936	12-64	4	305	16,185	3.65	591	32	10,640	3.70	394	11-71	44	1,107	-.01	41	79
65-03-0052	691524	117936	9-64	5	293	13,192	3.82	504	31	10,180	3.70	377	1-72	44	792	.02	33	60
65-23-0027	720356	117936	2-67	4	300	13,302	3.57	475	26	10,352	3.57	370	3-73	44	780	-.01	29	56
72-14-0005	712102	117936	3-66	3	305	12,743	3.87	493	6	10,910	3.66	399	4-72	42	652	.02	28	50
73-37-0026	655591	119912	1-62	7	250	15,470	4.01	620	8	12,201	4.04	493	1-72 B	35	697	.01	28	52
73-73-0009	711561	124927	4-65	3	297	15,416	3.90	601	11	10,730	4.01	430	8-72	38	943	-.03	33	66
73-77-0003	748326	130386	7-69	1	305	16,010	3.48	557	38	11,510	3.72	428	4-72	24	710	-.03	24	49
73-77-0003	748329	130386	8-69	1	305	18,810	3.63	682	38	11,510	3.72	428	4-72	24	959	-.02	35	68
73-77-0003	748333	130386	8-69	1	305	15,730	3.53	556	43	11,030	3.71	409	5-72	24	719	-.02	25	50
73-77-0003	748335	130386	8-69	1	305	15,520	3.89	604	38	11,510	3.72	428	4-72	24	666	.02	28	51
73-77-0003	755379	130386	1-70	1	305	14,450	4.26	616	63	10,530	3.78	398	8-72	24	641	.05	31	52
73-77-0015	734281	128600	8-67	3	302	15,337	3.95	606	6	10,943	3.59	393	6-72	32	549	.06	28	46
74-15-0223	709618	128034	8-66	4	304	17,500	3.49	610	12	11,793	3.65	430	2-73	33	805	-.04	26	55
81-07-9001	701015	122727	12-65	5	303	18,856	3.60	679	33	14,572	3.59	523	12-72	35	841	-.02	30	59
81-07-9001	701017	128854	12-65	5	305	18,468	3.42	632	31	14,182	3.64	516	3-73	34	871	-.08	24	56
81-07-9001	713868	122727	10-66	3	293	17,873	3.82	683	29	13,283	3.70	491	6-72	32	774	.02	32	58
81-07-9001	741175	128857	2-69	2	305	19,785	3.84	760	32	15,755	3.54	558	9-72	29	606	.04	28	48
81-07-9001	746997	122727	6-69	1	305	23,630	3.35	792	42	14,830	3.56	528	9-72	24	969	-.06	30	65
81-07-9001	747002	122727	7-69	1	305	21,420	3.22	690	38	15,280	3.54	541	10-72	24	739	-.07	20	47
81-07-9001	750412	122727	10-69	1	305	20,160	3.55	715	50	14,600	3.52	514	6-72	24	675	-.02	24	48
81-07-9001	755336	122727	1-70	1	305	20,260	3.65	739	50	14,600	3.52	514	6-72	24	684	.00	27	50
81-07-9001	769287	131460	11-70	1	305	23,460	3.18	745	44	16,320	3.58	585	11-72	30	832	-.09	21	51
84-03-9461	767748	129110	10-70	1	305	16,870	4.16	702	17	11,270	4.24	478	3-73	35	852	-.06	25	56
85-03-9034	719179	117936	5-66	2	305	16,315	3.88	633	10	13,800	3.77	520	1-72	40	773	.02	32	58
85-03-9047	739103	129638	6-68	3	300	20,350	3.45	702	19	12,957	3.70	480	1-73	29	1,091	-.07	33	72
91-28-0022	721464	117912	10-66	4	299	20,090	3.46	695	8	13,045	3.83	500	11-72	42	975	-.12	23	59
91-38-5060	715396	117936	1-67	1	305	17,980	3.38	607	11	11,490	4.02	462	6-72	36	986	-.05	32	67
91-62-5016	728329	117936	10-67	3	305	20,206	3.81	770	17	13,863	3.67	509	4-72	42	1,238	.02	50	92
91-74-5027	689694	116092	10-64	4	305	16,285	3.93	640	16	13,177	3.98	525	11-71	38	628	.01	25	46
91-74-5027	715630	116092	9-66	3	305	15,540	4.06	631	19	12,373	4.06	502	7-72	37	590	.03	26	46
91-74-5027	748441	117936	1-66	3	305	16,073	3.93	631	22	12,573	4.02	506	1-72	42	882	.00	34	64
91-74-5027	755859	116092	12-69	1	305	16,990	3.93	667	18	11,420	4.12	471	8-72	29	649	.00	25	47
92-03-5138	643708	94065	7-61	4	305	18,405	4.05	745	9	13,673	4.09	559	4-72	43	705	.01	29	53
92-03-5138	725358	116767	8-67	3	305	21,013	4.01	843	9	13,797	3.98	549	5-72	42	863	-.03	29	59
92-03-5138	733206	128134	3-68	3	303	16,560	4.60	761	17	13,673	3.99	545	8-72	29	469	.13	34	48
93-49-0067	607883	115174	5-59	1	305	18,940	3.75	711	78	14,130	3.84	543	4-72	24	671	-.02	24	47
93-49-0067	761950	127346	6-67	2	305	20,415	3.60	734	71	14,095	3.87	546	1-73	29	838	-.06	25	55
93-49-9124	637901	121865	3-61	5	305	16,208	4.53	734	62	14,374	4.00	575	11-72	34	500	.14	36	51
93-49-9124	656179	120135	10-62	8	300	16,200	4.97	805	60	13,774	3.93	542	10-72	43	390	.22	42	51
93-49-9124	695568	120135	4-65	5	305	19,048	4.35	828	58	13,400	4.00	536	8-72	43	804	.11	45	70
93-49-9124	696049	120135	7-65	5	305	18,052	4.05	732	56	14,334	3.95	566	3-72	43	575	.06	30	49
93-49-9124	701261	120135	10-65	5	305	18,352	4.32	793	45	14,192	4.01	569	7-72	43	629	.10	37	57
93-49-9124	712058	125224	8-66	5	299	19,370	4.29	831	56	14,942	3.96	591	1-73	43	702	.06	35	58
93-49-9124	722665	120135	1-67	4	305	19,478	4.04	786	62	14,500	4.08	591	11-72	42	715	.04	33	57
93-49-9124	734604	117936	4-67	3	300	21,100	4.09	863	70	14,723	4.03	593	11-71	42	1,262	.03	53	96
93-49-9124	737746	129905	8-68	2	305	19,965	3.92	783	63	15,495	3.98	616	1-72	30	838	-.01	31	60
93-49-9124	737753	129905	8-68	3	301	22,513	3.95	889	63	15,070	4.04	609	11-72	33	1,294	-.01	49	94
93-49-9124	737754	129905	9-68	2	305	18,295	3.88	710	63	15,360	4.00	614	5-72	30	654	-.02	23	46
93-49-9124	746702	129905	1-69	2	305	18,690	3.88	725	55	15,320	4.03	618	5-72	30	704	-.03	24	49
93-49-9124	756639	129905	4-70	1	238	18,350	4.27	783	54	14,120	4.11	581	8-72 B	25	656	.02	28	50
93-49-9124	756646	129905	5-70	1	305	19,520	4.08	796	56	14,630	4.11	602	11-72	25	723	.00	28	53

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
11-10-0112	2431010	570735	7-67	3	305	14,046	4.79	673	7	12,273	4.65	571	2-72		41	569	.04	30	$ 48
11-10-0112	2454449	570735	2-68	3	305	13,686	4.99	683	7	11,896	4.71	560	7-72		41	562	.07	33	51
11-10-0112	2454451	570735	5-68	3	305	13,366	4.75	635	9	12,296	4.67	574	10-72		41	486	.03	26	42
11-10-0112	2454452	570735	6-68	3	305	13,590	4.67	635	6	12,310	4.70	579	12-72		41	511	.01	25	42
11-15-0116	2433920	553667	12-67	3	305	13,286	4.88	648	23	10,666	4.76	508	10-72		42	422	.06	26	39
11-15-0116	2477093	570735	7-68	3	305	11,640	4.64	540	20	9,903	4.52	448	2-73		41	508	.03	26	42
11-15-0183	2472637	570735	11-68	1	305	12,910	4.57	590	9	9,880	4.47	442	11-71		34	572	.03	29	48
11-18-0002	2462345	511244	9-68	3	305	16,593	4.30	713	8	10,897	4.76	519	10-72		42	828	-.12	25	55
11-23-0027	2313164	523029	2-65	6	304	14,953	4.09	612	8	11,520	4.65	536	6-72		43	686	-.11	20	45
12-15-0154	2230493	528754	11-63	2	305	13,115	5.20	682	16	10,925	4.64	507	3-72		40	520	.18	43	57
12-15-0154	2255245	538021	3-64	4	295	13,450	4.58	616	13	10,455	4.77	499	3-72		42	508	.00	23	40
12-15-0164	2443974	561223	7-67	2	305	12,195	5.33	650	22	9,010	4.63	417	12-71		28	342	.11	27	37
12-16-0149	2345116	538021	2-66	4	305	13,305	4.38	583	15	10,608	4.55	483	1-72		42	474	-.02	20	36
12-16-0153	2418813	566996	5-67	3	305	13,167	4.40	579	12	9,467	4.30	407	3-72		29	506	.00	23	40
12-17-0104	2533585	505970	10-69	1	305	11,840	4.17	494	9	8,980	4.22	379	9-72		35	661	-.12	17	41
13-04-0309	2438507	570735	9-67	3	300	12,240	4.53	554	16	10,850	4.53	492	2-72		41	489	.01	24	40
13-06-0386	2276864	511244	10-64	5	299	14,678	4.12	605	22	10,008	4.64	464	4-72		44	747	-.14	19	46
13-09-0204	2271908	505384	9-61	6	295	14,292	4.93	704	29	9,858	5.00	493	9-72		44	741	-.05	29	54
13-09-0204	2414798	546626	7-67	4	302	13,773	5.23	721	12	9,883	4.97	491	9-72		43	474	.11	34	48
13-09-0204	2418594	571567	9-67	4	301	13,988	4.79	670	32	11,080	4.87	540	12-72		30	468	.00	22	37
13-09-0204	2431414	552896	11-67	4	299	15,130	4.62	699	35	10,765	4.87	524	12-72		43	888	-.02	38	68
13-10-0323	2363367	475595	3-66	4	266	14,133	4.34	614	17	9,878	4.42	437	6-72	B	43	796	.00	37	63
13-10-0323	2490851	573658	12-68	2	305	14,740	4.31	635	16	12,200	4.45	543	8-72		32	560	-.06	19	39
13-10-0323	2493471	010016527	2-67	4	300	14,517	4.79	696	14	11,792	4.58	540	7-72		37	661	.04	35	56
13-10-0323	2553609	568935	8-70	1	305	17,330	4.78	828	15	13,600	4.25	578	10-72		23	397	.09	28	40
13-10-0323	2577848	010016527	3-69	2	298	16,945	4.07	689	13	13,165	4.41	580	11-72		33	758	-.07	27	53
13-11-0116	2356844	566422	11-65	4	304	13,980	4.16	581	15	10,255	4.85	497	5-72		33	621	-.12	15	38
13-11-0116	2480387	552896	1-69	2	305	14,275	4.67	667	28	10,385	4.87	506	10-72		40	750	-.01	33	58
13-11-0411	2400610	528754	10-66	2	280	11,430	4.81	550	10	9,705	4.26	413	2-73	B	40	448	.15	37	49
13-11-0411	2402098	505970	10-66	2	297	13,210	3.88	512	9	9,990	4.33	433	12-72		40	759	-.17	16	44
13-13-0312	2251741	538021	9-63	7	305	12,357	5.14	635	11	9,973	4.74	473	8-72		43	430	.09	29	42
13-14-0160	2392702	505970	8-66	3	295	12,837	4.83	620	13	10,677	4.77	509	7-72		42	684	-.09	22	46
13-14-0160	2438074	546331	10-67	4	248	13,708	5.06	694	22	12,128	4.72	572	3-73		44	387	.09	27	38
13-14-0160	2441272	562081	3-68	3	305	14,483	4.76	689	20	12,330	4.70	579	1-73		38	410	.04	23	36
13-14-0160	2480873	553667	1-69	2	304	15,375	5.01	770	17	12,370	4.65	575	6-72		40	463	.09	31	45
14-12-0102	2275976	552607	7-64	6	304	14,025	4.87	683	17	11,808	4.81	568	4-72		36	543	.05	30	47
14-12-0102	2440411	553667	12-67	4	289	14,732	4.55	670	13	11,900	4.72	562	1-73		44	499	.02	25	41
14-12-0102	2440413	571389	3-68	3	303	15,063	4.26	641	11	11,143	4.70	524	8-72		33	555	-.05	20	39
14-12-0102	2509199	573675	5-69	2	292	14,465	4.67	676	14	11,250	4.67	525	9-72		29	457	.01	22	37
14-14-0038	2194794	505970	10-62	8	299	12,230	4.16	509	23	9,463	4.48	424	8-72	H	44	747	-.15	18	45
14-14-0053	2295713	505970	7-64	6	302	12,468	4.38	546	27	10,057	4.75	478	4-73		44	716	-.14	18	44
14-14-0053	2424834	505970	5-67	3	303	14,240	4.59	653	28	10,217	4.69	479	1-73		42	890	-.11	29	60
14-14-0056	2404210	567298	11-66	4	290	12,847	4.43	569	17	9,510	4.60	437	9-72		35	509	-.03	20	37
14-14-0066	2363335	515261	12-63	7	303	13,790	4.68	645	15	10,661	4.80	512	10-72		38	442	.03	23	37
14-14-0099	2174636	553845	7-62	8	305	14,966	4.72	706	22	13,336	4.67	623	12-72		34	438	.02	22	36
14-14-0099	2359086	561873	5-66	4	305	15,477	4.65	719	26	13,547	4.71	638	4-72		41	464	.01	22	37
14-14-0099	2359089	561873	12-65	5	305	16,030	4.47	716	21	12,836	4.74	608	1-73		42	630	-.04	25	47
14-14-0125	2235747	553356	10-63	7	295	12,234	4.25	520	8	9,550	4.61	440	5-72		40	519	-.02	22	40
14-14-0222	2286940	526294	8-64	5	305	12,530	4.78	599	10	9,672	4.57	442	5-72		44	489	.00	22	38
14-14-0222	2409060	505970	5-67	4	299	11,905	4.07	484	11	9,863	4.34	428	8-72		43	657	-.15	14	38
14-14-0224	2098151	543289	9-61	6	305	14,953	5.06	756	18	12,632	5.11	646	9-72		34	420	.04	23	36
14-14-0224	2141787	507798	1-62	8	303	16,861	4.44	749	15	13,015	5.15	670	2-72		35	735	-.10	23	49
14-14-0224	2299206	475548	5-65	6	305	15,655	4.98	780	20	12,328	5.14	634	6-72		44	597	.05	33	52
14-14-0224	2379580	554709	12-66	5	305	17,142	4.89	839	18	14,164	4.95	701	2-73		32	597	.02	30	49
14-14-0224	2402742	533769	4-67	3	305	15,860	4.96	787	20	13,300	5.00	665	1-73		42	557	-.06	19	39
14-14-0224	2443737	553667	4-68	3	303	17,096	5.22	892	14	13,913	4.90	682	11-72		42	562	.11	38	55
14-14-0224	2476567	567842	1-69	2	305	16,820	5.05	850	21	12,915	5.06	654	7-72		32	487	.09	32	47
14-14-0224	2508134	553667	6-69	2	305	16,160	5.12	828	19	13,895	4.78	664	12-72		40	419	.10	30	42
14-15-0014	2518844	571187	10-69	2	203	13,670	4.70	642	19	11,345	4.72	536	2-73	B	29	490	-.02	20	37
14-15-0014	2518846	571187	11-69	2	184	15,220	4.47	681	19	11,345	4.71	534	3-73	B	29	678	-.06	25	49
14-15-0014	2538757	571187	2-70	1	305	13,710	4.51	619	17	9,630	4.87	469	10-72		23	555	-.05	20	39
14-15-0015	2280486	529773	1-65	6	304	15,648	5.08	795	12	13,102	4.68	613	4-73		44	460	.14	36	49
14-15-0015	2428465	533769	11-67	3	305	15,620	4.54	709	11	12,283	4.90	602	3-72		42	624	-.12	16	39
14-15-0015	2500142	558237	7-69	2	305	16,750	3.82	716	18	12,840	4.74	609	12-72		40	857	-.24	13	46
14-15-0121	2387837	526294	6-65	5	298	12,704	4.57	580	13	8,968	4.79	430	8-72		44	585	-.05	21	41
14-16-0008	2433381	572073	10-67	3	305	17,770	3.89	691	25	11,916	4.48	534	8-72		33	1,030	-.15	30	67
14-16-0008	2452639	572073	2-68	2	305	18,830	3.57	672	27	13,530	4.42	598	4-72		30	915	-.21	19	53
14-16-0008	2478791	572075	9-68	2	305	16,380	4.48	734	30	12,655	4.52	572	7-72		25	533	.00	24	42
14-16-0009	2102921	505970	7-61	9	301	14,062	4.30	604	15	10,110	4.59	464	1-73		44	919	-.14	27	60
14-16-0009	2387652	519383	12-66	3	305	13,437	4.96	667	19	10,627	4.41	469	2-72		41	385	.09	27	38
14-16-0009	2404538	505970	1-67	3	305	13,883	4.52	628	17	10,610	4.47	474	1-73		42	812	-.09	27	56
14-16-0009	2485223	570735	1-69	2	305	11,555	4.29	496	19	10,255	4.43	454	6-72		38	458	.00	21	36
14-16-0009	2497007	570735	5-69	1	288	12,010	4.46	536	26	10,460	4.57	478	9-72		34	467	.01	23	38
14-16-0009	2531053	570735	3-70	1	305	11,920	4.58	546	26	10,340	4.50	465	7-72		34	467	.02	24	39
14-18-0213	2313692	505970	2-65	6	303	13,948	4.38	611	13	12,107	4.72	572	10-72		44	695	-.15	16	42
14-18-0213	2445090	570735	4-68	3	303	13,600	5.01	682	16	12,526	4.60	576	5-72		41	492	.08	31	46
15-11-0153	2279540	553356	12-64	6	299	11,648	4.17	486	15	9,025	4.52	408	5-72		40	496	-.02	21	38
16-04-0003	1956130	530211	1-59	9	300	14,574	4.80	699	22	11,709	4.78	560	1-72		42	373	.08	26	37
16-04-0003	2289089	562199	3-65	5	298	14,290	5.09	727	27	11,756	4.74	557	10-72		42	327	.11	27	36
16-04-0003	2467329	553667	4-68	3	293	14,180	5.39	764	21	11,986	4.72	566	10-72		42	404	.15	34	45
16-04-0003	2532390	546331	6-70	1	305	16,170	4.14	669	26	11,580	4.70	544	10-72		36	525	-.03	21	39
16-04-0112	2340239	505970	7-65	6	273	13,460	4.79	645	23	10,240	4.61	472	11-72	B	44	826	-.06	31	60
16-04-0112	2470423	538021	9-68	2	305	14,085	4.68	659	14	10,040	4.56	458	5-72		39	547	.04	29	47
16-06-0029	2009032	525327	11-59	10	305	14,706	5.04	741	27	12,855	4.92	633	2-73		41	375	.08	26	37
16-06-0029	2270581	561564	6-64	7	305	16,509	4.31	712	20	12,221	4.87	595	2-73		36	706	-.10	22	47

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S RECS	AVERAGE DAYS	PRODUCTION. MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX..... COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOLLARS
16-06-0029	2339944	565951	7-65	5	305	15,046	4.78	719	27	11,988	4.79	574	9-72		35	501	.02	25	$ 41
16-06-0029	2355748	475548	9-65	5	305	14,156	4.73	670	33	11,956	4.75	568	9-72		44	441	.04	25	39
16-06-0029	2441423	475548	12-66	4	305	14,018	4.40	617	29	11,453	4.77	546	5-72		43	460	.00	21	36
16-06-0029	2441428	559351	5-67	3	300	14,160	5.08	720	18	11,336	4.63	525	6-72		33	375	.10	28	39
16-06-0029	2448935	546331	9-67	3	298	13,683	4.92	673	14	12,040	4.73	569	3-73		42	379	.06	24	36
16-06-0036	2333284	561873	6-65	5	301	12,940	4.44	575	24	9,762	4.61	450	5-72		42	544	-.02	23	41
16-06-0036	2342986	537680	11-65	4	277	17,155	4.73	811	13	13,398	4.66	625	3-72		43	778	.03	39	64
16-06-0036	2342987	537680	12-65	4	303	16,363	4.20	688	17	12,100	4.74	573	12-72		43	808	-.07	29	57
16-06-0036	2395509	561873	11-66	4	305	13,282	4.18	555	23	10,007	4.65	465	10-72		41	546	-.06	19	38
16-06-0050	2120550	475548	10-61	7	301	15,187	4.93	748	34	11,214	4.76	534	4-72		44	653	.08	39	59
16-06-0050	2281380	558793	10-64	6	305	19,066	4.15	792	19	13,018	4.59	598	8-72		42	985	-.08	36	70
16-06-0050	2282368	526294	7-64	6	305	14,637	4.49	657	37	11,118	4.73	526	3-72		44	613	-.07	21	43
16-06-0050	2479851	573308	9-68	2	305	13,565	4.59	623	6	11,265	4.55	512	12-72		34	453	.02	23	38
16-06-0067	2174037	505970	10-62	7	304	12,476	4.03	503	24	9,059	4.63	419	6-72		44	821	-.18	18	48
16-06-0067	2318890	505970	1-64	4	305	11,685	4.30	503	18	9,650	4.64	448	10-72		43	651	-.14	15	39
16-06-0122	2306184	505970	12-64	6	293	13,568	4.41	598	8	12,212	4.71	575	5-72		44	635	-.14	14	38
16-06-0122	2482429	575420	2-69	3	305	15,880	4.74	752	9	11,510	4.62	532	3-73		29	660	.03	34	55
16-06-0122	2544199	505970	12-69	1	305	14,440	4.47	645	8	12,090	4.74	573	4-72		35	670	-.14	16	41
16-06-0142	2451191	505970	7-67	4	305	15,075	4.31	649	30	11,190	4.82	539	8-72		43	920	-.16	24	58
16-06-0142	2451192	538021	8-67	4	300	13,835	5.20	719	30	12,110	4.67	565	12-72		42	390	.10	29	40
16-06-0142	2464851	511244	1-68	3	305	14,927	4.82	720	25	12,347	4.78	590	3-72		42	499	-.04	19	36
16-06-0142	2490923	546331	4-69	3	303	17,070	4.59	784	31	11,707	4.64	543	12-72		42	799	.02	39	65
16-06-0145	2213579	505970	3-63	7	304	12,461	4.39	547	16	10,230	4.92	503	5-72		44	697	-.16	15	41
16-06-0145	2450927	570735	11-67	3	302	13,326	4.97	662	19	10,650	4.76	507	10-72		41	637	.05	35	55
16-06-0208	2520803	570735	1-70	1	305	11,740	4.96	582	32	10,550	4.52	477	7-72		34	440	.05	26	40
16-06-0372	2313980	517302	11-64	2	305	13,355	4.36	582	8	9,005	4.96	447	5-72		32	546	-.08	16	36
16-06-0372	2506921	570735	12-69	2	294	12,065	4.75	573	13	9,870	4.56	450	4-73		38	543	.04	29	46
16-10-0041	2227300	496783	11-62	6	305	13,795	5.30	731	28	12,282	4.62	568	3-72		44	338	.16	32	41
16-10-0041	2328557	504932	1-65	6	285	14,193	4.73	671	25	12,108	4.73	573	8-72		43	379	.06	24	36
16-10-0041	2331586	504932	1-65	6	304	13,822	5.31	734	23	12,078	4.74	572	4-72		43	334	.16	32	40
16-10-0041	2494212	533769	1-69	1	305	15,010	4.75	713	98	9,740	4.58	446	2-72		36	597	-.07	20	41
16-10-0041	2509802	553667	10-69	1	305	11,970	4.99	597	71	8,250	4.57	377	7-72		36	370	.08	25	36
16-10-0041	2526205	574020	1-70	1	305	14,120	4.31	609	75	7,580	4.70	356	9-72		35	606	-.07	20	41
16-10-0041	2529857	577154	3-70	1	305	13,860	4.29	595	68	9,150	4.57	418	6-72		24	610	-.05	23	44
16-10-0041	2529858	577154	4-70	1	305	11,620	4.78	556	74	7,650	4.71	360	9-72		24	517	.00	24	41
16-10-0045	2374019	561873	3-66	3	300	13,323	4.67	622	17	10,973	4.59	504	12-72		39	434	.03	23	37
16-10-0045	2498463	546331	7-69	2	305	13,270	4.69	622	20	10,260	4.85	498	9-72		40	460	.02	23	38
16-10-0045	2530318	511244	11-69	2	305	16,155	3.86	624	18	10,890	4.61	502	12-72		40	704	-.16	15	41
16-12-0010	2234458	505970	1-64	6	304	13,355	4.21	562	5	11,360	4.63	526	9-72		44	696	-.16	15	41
16-12-0017	2235162	504932	10-63	7	303	13,789	4.37	602	24	9,569	4.39	420	6-72		43	593	.04	31	50
16-12-0041	2496192	570735	10-68	3	305	12,493	4.63	579	55	10,063	4.40	443	12-72		41	594	.04	32	51
16-12-0041	2504803	570735	1-69	2	286	12,685	4.19	532	32	9,315	4.43	413	7-72		38	655	-.02	28	50
16-12-0041	2538581	570735	12-69	2	305	13,440	4.28	575	34	9,900	4.25	421	2-73		38	684	.01	32	55
16-12-0148	2403715	561873	6-65	6	305	12,805	4.76	609	40	9,196	4.75	437	7-72		42	587	.02	29	48
16-12-0148	2410701	561873	7-65	6	302	12,220	4.79	585	50	9,228	4.78	441	9-72		42	505	.03	26	42
16-14-0113	2248587	552348	8-63	7	303	15,984	5.14	822	6	12,257	4.84	593	7-72		36	550	.08	34	51
16-14-0113	2321672	561873	5-65	6	299	14,306	4.44	635	7	10,951	5.00	548	1-73		42	601	-.06	21	42
16-16-0078	2381032	505970	3-66	4	256	12,093	3.97	480	15	9,880	4.59	453	3-72	B	43	679	-.18	11	37
16-16-0161	2497714	505970	11-67	3	301	14,887	4.70	699	5	11,030	4.63	511	10-72		42	890	-.09	31	62
21-01-0062	2277820	528754	6-64	6	277	12,878	5.01	645	12	10,801	4.86	525	11-71	B	44	549	.13	39	55
21-02-0380	2399074	533769	10-66	4	272	14,365	4.26	612	12	11,310	4.56	516	4-72	B	44	592	-.12	14	36
21-02-0380	2551087	546331	10-69	2	305	16,755	3.92	656	15	12,930	4.51	583	11-72		40	597	-.07	20	41
21-03-0223	2364110	528754	1-66	4	304	13,937	5.30	739	19	12,117	4.59	556	12-71		43	541	.21	47	61
21-03-0223	2441710	533769	2-68	3	260	16,273	4.23	689	17	13,270	4.49	596	11-72	B	42	608	-.12	15	37
21-03-0223	2536583	546331	8-69	2	255	17,690	3.99	706	20	12,510	4.53	567	10-72	B	40	726	-.07	26	51
21-03-0223	2549589	010016583	9-64	3	281	16,487	4.38	722	20	13,110	4.51	591	9-72	B	29	564	-.03	23	42
21-03-0982	2264987	556692	1-64	7	305	16,473	4.21	609	23	11,347	4.38	497	1-73		36	532	-.06	18	37
21-03-0982	2344999	511244	4-65	6	305	15,763	4.37	689	20	11,413	4.39	501	12-72		44	742	-.07	26	52
21-04-0312	2230723	511244	9-63	7	300	13,777	4.79	660	14	10,973	4.79	526	6-72		44	528	-.04	20	38
21-04-0312	2369278	528754	8-66	4	289	11,980	5.02	601	5	9,932	4.77	474	8-72		43	515	.13	38	53
21-04-0312	2388580	528754	8-66	4	294	15,212	4.69	714	11	10,680	4.68	500	7-72		43	842	.10	50	76
21-04-0501	2423598	570735	10-67	2	249	12,315	4.28	527	6	10,980	4.61	506	4-72		38	477	-.02	20	36
21-05-0011	2327003	528754	9-65	6	300	13,541	4.40	596	12	11,810	4.51	533	12-72		44	530	.07	32	48
21-05-0030	2417231	526294	5-67	4	305	15,730	4.96	780	19	12,043	4.97	599	3-73		43	637	-.01	28	49
21-05-0030	2434209	528754	10-67	3	305	13,733	4.72	648	10	12,196	4.92	600	6-72		42	498	.09	32	47
21-05-0030	2480212	546331	11-68	2	305	15,890	4.76	757	11	11,405	5.01	571	6-72		40	633	.02	31	52
21-05-0030	2549748	546331	4-70	1	305	15,070	4.56	687	13	11,460	4.92	564	7-72		36	450	.00	21	36
21-05-0030	2553016	528754	9-70	1	305	13,580	4.68	636	20	12,120	4.93	597	10-72		35	440	.09	30	43
21-05-0221	2411783	528754	2-67	2	305	13,420	4.79	643	18	10,135	4.78	484	11-72		40	616	.11	40	59
21-05-0221	2443674	567828	1-68	3	298	13,087	5.10	667	17	10,377	4.73	491	8-72		29	391	.08	26	38
21-05-0221	2485378	552896	3-69	2	297	12,140	4.56	554	14	10,710	4.78	512	6-72		40	506	-.02	21	38
21-05-0244	2373073	566205	9-66	5	305	14,836	4.56	677	29	11,182	4.61	516	2-73		35	703	-.02	30	54
21-05-0244	2419435	566205	10-67	3	305	14,633	4.15	607	25	11,426	4.53	518	2-72		32	593	-.09	18	39
21-05-0244	2439958	570735	8-67	4	305	13,970	4.92	687	25	12,085	4.54	549	11-72		42	590	.08	36	54
21-05-0244	2491412	569326	3-69	2	305	16,560	4.16	689	40	12,905	4.39	567	2-73		25	531	-.06	18	37
21-05-0244	2524293	566205	6-70	1	305	15,130	4.73	715	22	11,980	4.52	541	6-72		24	458	.01	22	37
21-05-0244	2524300	574583	11-69	2	302	17,585	3.97	698	34	12,695	4.42	561	3-73		28	740	-.12	21	48
21-05-0244	2524305	566205	8-69	2	305	17,210	4.04	696	36	13,005	4.50	585	1-73		29	701	-.10	21	46
21-05-0397	2394358	528754	10-66	4	305	14,172	4.05	574	18	10,685	4.55	486	6-72		43	712	.01	34	57
21-05-0397	2506078	573968	7-69	2	304	12,755	4.53	578	23	10,245	4.53	464	10-72		30	516	-.03	20	38
21-05-0397	2506084	573968	7-69	2	305	13,810	4.17	576	28	10,460	4.47	468	1-73		30	620	-.08	20	42
21-05-0435	2372172	528754	11-65	5	297	12,910	5.08	656	21	11,420	4.70	537	5-72		44	489	.15	39	53
21-05-0435	2502378	546331	11-68	3	305	13,503	4.92	664	17	11,113	4.71	523	3-73		42	443	.06	27	41
21-05-0435	2502780	576202	1-69	3	305	16,860	3.83	646	11	11,303	4.77	539	2-73		29	823	-.18	18	49
21-05-0435	2526726	570735	8-68	2	305	12,625	4.78	603	12	10,745	4.80	516	11-72		38	529	.03	27	44

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-05-0982	2530771	010016527	9-66	4	305	11,875	4.76	565	18	9,020	4.92	444	11-72		37	603	-.01	27	$ 47
21-06-0149	2157789	548438	3-62	8	305	13,045	4.48	584	14	9,581	4.68	448	9-72		34	588	-.02	25	45
21-06-0149	2313093	505970	4-65	6	304	11,437	4.67	534	11	9,375	4.78	448	1-73		44	653	-.10	19	42
21-06-0149	2376811	505970	8-66	4	296	12,113	4.20	509	10	9,268	4.76	441	12-72		43	742	-.16	16	44
21-06-0149	2408904	505970	5-67	4	305	12,605	3.92	494	11	8,740	4.68	409	1-73		43	856	-.19	18	50
21-06-0655	2561503	010016527	4-68	3	300	13,060	4.59	600	13	10,663	4.41	470	1-73		36	571	.02	28	47
21-06-0708	2602879	574020	3-70	1	305	16,310	4.13	673	21	10,960	4.48	491	9-72		35	567	-.08	17	37
21-09-0285	2437975	570735	8-67	4	288	12,370	4.58	566	17	10,052	4.37	439	2-73		42	593	.04	31	50
21-09-0285	2464289	519383	9-67	4	305	14,563	4.07	592	14	9,968	4.47	446	12-72		42	619	-.06	22	44
21-10-0181	2392606	528754	7-66	4	305	11,560	4.80	555	22	9,370	4.69	439	10-72		43	518	.11	36	51
21-10-0310	2246218	550356	11-63	6	305	12,645	5.08	642	32	9,963	4.81	479	4-73		36	412	.06	25	38
21-10-0310	2315024	528754	11-64	7	283	11,834	4.53	536	33	10,298	4.77	491	12-72		44	465	.06	28	42
21-10-0310	2328337	528754	11-64	6	291	11,876	4.96	589	27	10,191	4.80	489	11-72		44	482	.13	36	50
21-10-0310	2360762	550356	8-65	5	305	13,322	4.78	637	29	10,384	4.85	504	5-72		36	462	.00	21	36
21-10-0310	2486109	570735	11-68	3	304	12,316	4.64	571	29	10,366	4.85	503	1-73		41	544	.00	25	43
21-10-0310	2486114	570735	11-68	2	291	12,740	4.95	630	27	10,410	4.77	497	4-72		38	569	.05	31	49
21-11-0090	2291452	564182	2-65	5	305	16,840	4.38	738	17	11,998	4.86	583	3-72		39	709	-.09	23	48
21-11-0090	2294505	563435	9-64	5	295	16,018	5.29	847	32	12,414	4.72	586	4-72		33	549	.17	43	58
21-11-0090	2395417	546331	12-66	3	305	16,827	4.67	785	21	12,487	4.82	602	6-72		42	699	.02	34	57
21-11-0090	2403988	546331	2-67	4	305	16,503	4.76	785	17	12,935	4.82	624	1-73		44	652	.03	33	54
21-11-0090	2413702	546331	3-67	4	305	16,668	5.42	903	13	12,203	4.79	584	10-72		44	745	.16	52	74
21-11-0090	2413703	546331	5-67	3	305	15,147	5.01	759	15	12,913	4.82	623	1-73		42	467	.07	29	43
21-11-0090	2438723	546331	1-68	3	305	16,803	4.83	811	15	11,313	4.70	532	8-72		42	804	.06	43	69
21-11-0090	2460898	546331	8-68	2	305	17,145	4.71	807	20	13,210	4.72	624	7-72		40	613	.04	32	52
21-11-0090	2479334	553667	1-69	2	305	16,000	4.63	741	24	13,610	4.77	649	6-72		40	426	.02	22	36
21-11-0090	2511601	553667	9-69	2	305	16,250	5.22	848	17	12,875	4.87	627	11-72		40	511	.11	35	50
21-11-0423	2256459	550680	3-64	6	305	14,703	4.54	668	15	10,915	4.61	503	4-72		32	623	-.01	28	49
21-11-0423	2321235	528754	3-65	5	305	13,788	5.40	744	14	10,420	4.67	487	8-72		44	707	.22	56	76
21-12-0130	2391079	528754	8-66	3	227	12,620	4.90	619	17	11,066	4.41	488	9-71	B	42	473	.16	39	52
21-12-0130	2394754	528754	5-66	2	171	12,205	4.69	573	21	11,100	4.37	485	10-71	B	40	413	.13	33	44
21-12-0130	2394755	528754	5-66	2	305	16,670	4.27	712	12	11,230	4.39	493	5-72		40	858	.07	47	74
21-13-0033	2206344	553639	7-62	6	300	12,210	5.57	680	44	10,338	4.89	506	1-72		35	303	.16	31	38
21-13-0033	2385517	566617	10-66	3	305	15,000	4.50	675	41	10,633	4.83	514	5-72		38	646	-.04	25	47
21-13-0033	2431181	526294	2-67	3	305	13,740	4.64	638	57	10,507	4.93	518	3-73		42	519	-.05	18	36
21-13-0033	2431182	569414	3-67	4	297	12,770	4.94	631	64	9,873	4.90	484	7-72		33	430	.05	25	38
21-13-0033	2434992	552896	12-67	3	301	13,360	4.54	607	35	11,396	4.80	547	2-73		42	595	-.03	24	44
21-13-0033	2450630	552896	6-68	3	266	13,136	4.36	573	53	10,643	4.91	523	12-72		42	639	-.07	22	44
21-13-0033	2450631	552896	5-68	3	282	14,690	4.50	661	53	10,240	4.92	504	10-72		42	858	-.05	34	63
21-13-0033	2455991	552896	7-68	3	245	11,813	4.65	549	46	10,393	5.07	527	1-73		42	508	-.04	19	37
21-13-0033	2482328	570735	3-69	2	305	14,200	5.26	747	83	10,780	4.90	528	12-72		38	690	.09	41	62
21-13-0033	2495048	552896	6-69	2	299	12,220	4.25	519	91	9,950	4.95	493	8-72		40	576	-.07	19	39
21-13-0033	2495050	552896	6-69	2	295	12,530	4.56	571	85	10,695	4.91	525	11-72		40	547	-.04	21	40
21-13-0033	2555707	577154	7-70	1	305	15,450	4.54	701	80	11,540	4.95	571	12-72		24	581	-.04	22	42
21-13-0092	2442418	536475	12-67	3	305	14,733	4.48	660	6	11,333	4.70	533	4-72		41	499	.00	23	40
21-13-0092	2471506	570735	8-68	3	304	15,780	4.28	675	7	11,410	4.65	531	11-72		41	856	-.05	34	63
21-13-0092	2471508	558237	12-68	2	303	16,140	4.23	683	7	11,735	4.60	540	3-72		40	680	-.15	15	40
21-13-0328	2279866	556404	3-64	6	284	14,405	4.61	664	11	11,180	4.96	554	5-72	B	35	491	-.01	21	38
21-13-0500	2426204	552896	1-68	4	305	12,587	5.13	646	23	10,925	4.69	512	3-73		43	555	.06	32	49
21-13-0500	2472602	552896	7-68	3	288	11,903	4.98	593	23	10,840	4.70	509	1-73		42	477	.04	26	41
21-13-0500	2472607	552896	4-68	2	304	12,720	4.72	600	21	10,655	4.85	517	5-72		40	570	-.01	25	44
21-13-0500	2478049	552896	10-68	1	305	13,040	4.64	605	22	9,930	4.89	486	8-71		35	604	-.02	26	46
21-13-0500	2480018	552896	5-68	3	294	12,980	4.93	640	23	10,726	4.70	504	12-72		42	613	.04	32	52
21-13-0500	2507418	552896	4-69	2	305	12,420	4.53	563	21	9,790	4.96	486	7-72		40	610	-.04	24	45
21-13-0500	2507420	552896	3-69	2	303	12,080	5.24	633	24	9,815	4.88	479	9-72		40	573	.04	31	49
21-13-0500	2507426	552896	5-69	1	305	11,810	5.19	613	22	10,100	4.91	496	6-72		35	501	.03	26	42
21-14-0067	2348198	528754	2-66	4	305	11,435	4.68	535	14	9,097	4.39	399	9-71		43	530	.13	38	53
21-18-0014	2354438	528754	11-65	5	305	12,292	4.56	560	10	10,918	4.52	494	9-72		44	460	.09	31	45
21-18-0014	2534115	570735	5-69	2	305	15,215	4.48	681	9	10,745	4.48	481	2-73		38	799	.01	38	64
21-18-0014	2534117	570735	3-69	2	305	13,995	4.03	564	6	10,400	4.49	467	3-73		38	701	-.05	27	51
21-21-0097	2383767	528754	8-66	4	299	12,077	4.67	564	27	9,527	4.42	421	10-72		43	567	.12	39	56
21-21-0097	2419492	528754	5-67	4	302	11,307	4.36	493	24	9,372	4.35	408	8-72		43	486	.09	32	47
21-21-0526	2327602	497411	10-62	5	303	13,846	4.61	638	25	8,644	4.55	393	1-72		43	711	-.04	28	52
21-21-0526	2338360	505970	5-65	4	302	12,435	4.16	517	25	8,285	4.37	362	6-72		43	880	-.14	25	57
21-21-0945	2249593	505970	2-64	6	299	13,012	4.20	546	13	11,097	4.74	526	2-73		44	678	-.17	13	38
21-21-0945	2276356	505970	8-64	6	295	12,815	4.71	604	15	11,505	4.80	552	2-73		44	610	-.10	17	39
21-21-0945	2290449	528754	1-65	5	298	12,358	4.79	592	14	11,248	4.76	535	10-72		44	434	.10	31	44
21-21-0945	2353716	505970	1-66	4	287	13,860	4.50	624	16	11,833	4.83	571	1-72		43	704	-.13	18	44
21-21-0945	2367828	505970	8-66	4	305	12,813	4.90	628	12	11,353	4.83	548	4-72		43	622	-.08	20	42
21-21-0945	2374762	528754	11-66	4	300	14,630	5.26	769	16	11,622	4.65	540	2-72		43	676	.20	53	72
21-21-0945	2376053	528754	9-66	3	305	15,163	5.09	772	17	11,506	4.68	538	2-72		42	729	.17	52	73
21-21-0945	2383687	505970	1-67	4	304	12,478	4.86	607	12	11,155	4.84	540	3-73		43	600	-.08	19	40
21-21-0945	2453182	505970	1-68	3	305	16,000	4.16	666	18	11,740	4.83	567	12-72		42	953	-.19	22	57
21-23-0476	2344781	505970	5-65	5	298	13,530	4.59	621	38	11,182	4.61	516	1-72		44	737	-.10	23	49
21-23-0476	2430839	528754	9-67	3	296	14,350	4.10	589	40	11,113	4.54	505	5-72		42	671	.03	34	56
21-23-0476	2467754	526294	10-68	2	305	15,760	4.26	672	34	11,485	4.65	534	2-72		40	602	-.09	18	40
21-23-0476	2565255	552896	11-70	1	305	14,170	4.66	660	42	12,300	4.47	550	2-73		35	546	.01	26	44
21-23-0976	2292528	528754	7-64	7	292	11,314	4.59	519	29	10,167	4.77	485	2-73		44	411	.08	27	39
21-26-0551	2462117	552896	3-68	3	302	12,653	4.84	612	18	10,583	4.49	475	12-72		42	588	.04	31	50
21-29-0404	2403573	533769	4-67	4	299	14,110	4.46	630	5	9,855	4.58	451	12-72		44	704	-.09	23	48
21-30-0079	2201192	534519	3-63	4	305	15,185	5.06	768	30	12,600	4.66	587	3-72		35	405	.13	32	43
21-30-0079	2230896	546331	4-63	7	301	14,686	4.55	668	23	12,437	4.76	592	9-72		44	490	.00	22	38
21-30-0079	2320124	496783	1-65	6	305	14,358	4.87	699	30	12,627	4.67	590	2-73		44	375	.08	26	37
21-30-0079	2479107	546331	8-68	3	243	15,677	4.36	684	88	14,307	4.19	600	1-73		42	399	.04	23	36
21-30-0079	2492742	010017670	7-66	3	305	15,997	4.47	715	26	12,927	4.63	599	8-72		29	515	-.02	21	39
21-30-0079	2568657	010016428	1-68	2	303	19,250	4.29	826	28	12,975	4.59	596	6-72		25	864	-.06	33	63

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-30-0561	2288357	539419	9-64	5	305	14,826	4.32	641	17	10,466	4.61	483	5-72		44	682	-.09	22	$ 46
21-30-0561	2470733	546331	10-68	2	305	14,515	4.39	637	21	10,560	4.40	465	10-72		40	562	.01	27	45
21-30-0561	2518979	570735	3-70	1	298	11,910	4.51	537	13	10,630	4.49	477	6-72		34	449	.02	23	38
21-30-0977	2381476	511244	9-66	4	305	14,960	4.41	659	18	11,898	4.55	541	5-72		43	568	-.08	17	37
21-30-0977	2423433	501586	12-67	3	296	14,297	4.48	641	26	12,367	4.57	565	3-72		42	497	-.03	20	37
21-31-0049	2476033	553667	9-68	2	305	15,380	4.60	708	8	12,205	4.44	542	4-72		40	477	.06	28	43
21-31-0049	2476035	546331	12-67	4	284	16,260	4.00	650	8	12,368	4.48	554	1-73	B	44	678	-.07	23	47
21-31-0094	2245938	549235	9-62	6	283	14,815	4.15	615	19	11,127	4.50	501	2-72		44	715	-.15	16	42
21-31-0094	2510217	570716	7-69	1	265	15,850	4.35	689	12	10,510	4.54	477	12-72	B	27	538	-.02	23	41
21-31-0286	2203973	528754	3-63	8	304	11,102	4.50	500	20	9,781	4.35	425	6-72		44	424	.11	31	43
21-31-0286	2486627	574026	10-68	3	303	15,486	4.58	710	32	12,293	4.60	565	1-73		34	558	-.01	25	44
21-31-0286	2571791	567336	10-70	1	305	14,270	4.10	585	17	10,200	4.15	423	2-73		28	688	-.09	22	46
21-31-0432	2392341	528754	3-67	4	299	14,395	4.99	718	17	11,180	4.40	492	7-72		43	691	.18	51	71
21-31-0432	2524668	570735	12-69	2	305	17,425	4.03	702	24	11,910	4.35	518	3-73		38	933	-.05	37	69
21-33-0128	2390409	568947	12-66	4	303	14,738	4.72	695	16	11,900	4.51	537	6-72		30	483	.05	27	42
21-34-0105	2339379	528754	2-65	6	282	13,131	3.87	508	30	10,243	4.71	482	11-72	B	44	640	-.03	26	48
21-34-0105	2431631	546331	8-67	3	305	14,637	4.52	661	57	10,860	4.71	511	2-72		42	597	.01	28	48
21-34-0105	2476068	573968	9-68	3	280	12,076	5.02	606	59	10,413	4.62	481	11-72	B	33	438	.04	24	38
21-34-0105	2476069	573968	2-69	2	305	13,950	4.56	636	19	9,725	4.61	448	5-72		30	705	-.03	29	53
21-34-0105	2476072	573968	1-69	2	305	12,410	4.37	542	20	9,470	4.63	438	5-72		30	548	-.06	19	38
21-34-0105	2531811	570735	7-68	3	263	13,216	4.53	599	59	10,500	4.59	482	1-73	B	41	638	.01	30	51
21-34-0475	2531367	505970	3-68	2	305	12,820	4.20	539	17	8,095	4.25	344	5-72		40	874	-.13	26	57
21-35-0043	2350129	505970	11-65	6	302	13,480	3.99	538	27	9,623	4.54	437	1-73		44	894	-.18	21	54
21-35-0882	2293068	560993	7-64	7	296	13,724	4.89	671	18	10,823	4.76	515	2-73		40	584	.11	29	40
21-35-0882	2394434	528754	9-66	4	300	12,782	5.05	645	22	10,760	4.70	506	4-72	H	43	532	.15	41	56
21-37-0008	2373466	503512	4-66	4	295	13,928	4.57	637	9	10,230	4.59	470	1-72		43	507	.06	30	46
21-37-0320	2347042	555217	7-65	5	298	13,990	4.80	671	32	11,162	4.82	538	1-73		42	462	.03	24	39
21-37-0320	2464976	553667	4-68	3	305	13,733	5.10	700	30	10,583	4.82	510	11-72		42	481	.09	32	46
21-37-0320	2503717	553667	9-69	2	305	13,180	4.97	655	31	10,475	4.86	509	11-72		40	394	.07	25	37
21-40-0981	2544218	570735	4-70	1	298	11,740	4.49	527	8	8,700	4.55	396	11-72	B	34	554	.01	27	45
21-40-0982	2008537	475548	9-59	9	305	14,204	4.59	652	20	11,908	4.86	579	8-72		44	452	.01	22	37
21-40-0982	2167683	543818	9-61	7	300	18,871	4.16	785	19	11,786	4.85	572	2-73		44	1,151	-.19	31	73
21-40-0982	2284934	528754	10-64	6	303	14,626	4.78	699	17	11,841	4.85	574	7-72		44	668	.10	41	62
21-40-0982	2344509	528754	8-65	4	303	13,102	5.29	693	24	11,640	4.91	572	7-72		43	484	.17	40	53
21-40-0982	2349348	505970	6-65	5	302	14,248	4.71	671	25	12,482	4.96	619	2-72		44	695	-.12	19	44
21-40-0982	2382082	528754	7-66	5	305	14,006	4.97	696	28	12,590	4.90	617	1-73		44	509	.12	36	51
21-40-0982	2382085	528754	8-66	4	305	13,630	5.25	715	15	12,130	4.73	574	5-72		43	501	.19	43	56
21-40-0982	2435270	570735	7-67	3	305	16,440	4.61	758	29	12,753	4.85	618	2-73		41	807	-.01	36	63
21-40-0982	2435271	571518	7-67	4	305	16,140	4.81	777	30	12,978	4.85	629	12-72		33	584	.04	31	50
21-40-0982	2435281	528754	2-67	3	303	14,023	5.03	705	16	12,283	4.77	586	4-72		42	524	.15	40	55
21-40-0982	2435282	570735	12-66	4	304	14,922	4.80	716	32	12,460	4.92	613	11-72		42	673	.02	33	55
21-40-0982	2435284	528754	10-66	3	305	13,840	4.86	673	24	12,026	4.96	597	10-71		42	526	.10	35	51
21-40-0982	2469849	570735	7-68	3	305	14,963	4.96	742	34	12,960	4.85	629	12-72		41	612	.05	33	53
21-40-0982	2504488	571518	12-68	2	305	15,050	5.06	761	28	12,740	4.86	619	12-72		28	384	.08	26	37
21-40-0982	2568004	576472	8-70	1	305	17,440	4.45	776	32	12,290	4.93	606	11-72		19	529	-.05	19	37
21-42-0151	2282455	528754	11-64	6	305	14,290	4.89	699	6	11,505	4.87	560	6-72		44	660	.11	42	62
21-42-0151	2317708	528754	4-65	5	305	14,320	5.54	794	6	11,622	4.78	555	10-72		44	651	.23	55	73
21-42-0151	2321944	528754	4-65	6	304	13,248	5.14	681	6	11,233	4.99	561	9-72		44	552	.14	40	56
21-42-0151	2507676	526294	12-69	1	305	14,470	4.96	717	9	9,930	4.92	489	5-72		35	488	-.02	20	37
21-42-0410	2360743	528754	11-65	5	298	12,774	4.36	557	20	11,030	4.71	520	8-72		44	511	.04	28	44
21-42-0410	2397049	505970	11-66	4	296	13,093	4.64	607	25	10,850	4.76	517	6-72		43	707	-.10	21	46
21-42-0410	2409856	528754	1-67	4	297	12,052	4.97	599	20	10,217	4.78	488	8-72	H	43	495	.13	37	51
21-42-0410	2448287	546331	12-67	3	305	15,173	4.57	693	26	11,793	4.72	557	4-72		42	573	.02	28	47
21-42-0410	2484189	546331	4-69	1	305	13,170	4.65	613	42	9,530	4.35	415	11-72		36	424	.04	24	37
21-42-0410	2505405	551096	6-69	1	296	14,370	4.54	652	37	9,600	4.48	430	8-72	H	32	485	.01	23	39
21-42-0410	2512651	570735	12-69	2	234	11,850	4.11	487	29	10,490	4.35	456	4-73	B	38	469	-.01	20	36
21-47-0330	2366111	505970	3-66	5	296	12,318	4.29	528	58	10,528	4.59	483	6-72		44	647	-.14	15	39
21-47-0330	2422451	570735	7-67	4	288	12,922	5.01	647	51	10,345	4.53	478	9-72		42	613	.09	38	57
21-47-0330	2464811	575101	6-68	3	303	14,263	4.43	632	31	10,716	4.53	485	3-73		32	679	-.02	29	52
21-47-0330	2502896	575101	7-69	2	305	14,035	4.44	623	33	10,030	4.45	446	8-72		29	670	-.01	30	52
21-47-0330	2502897	575101	6-69	2	270	12,400	4.49	557	37	10,105	4.40	445	6-72		29	465	.01	22	37
21-47-0330	2502898	575101	6-69	3	290	12,393	4.54	563	29	10,546	4.36	460	3-73		32	443	.03	23	37
21-47-0330	2502899	575101	6-69	3	295	13,920	4.40	612	24	10,650	4.36	464	3-73		32	640	.00	29	50
21-47-0330	2512759	575101	8-69	1	305	14,210	4.26	605	27	10,500	4.34	456	3-72		23	547	-.02	23	42
21-47-0330	2513092	575101	9-69	1	305	16,870	4.53	764	31	10,000	4.55	455	7-72		23	824	.00	38	65
21-47-0330	2522650	575101	11-69	2	291	13,465	4.62	622	20	10,900	4.41	481	2-73		29	517	.02	26	43
21-47-0330	2542444	575101	6-70	1	305	13,440	4.63	622	31	10,000	4.55	455	7-72		23	513	.01	25	42
21-47-0330	2549279	575101	7-70	1	305	16,210	4.52	732	18	11,260	4.43	499	1-73		23	673	.01	32	54
21-47-0330	2557132	575101	12-70	1	305	14,770	4.18	618	16	11,050	4.44	491	2-73		23	557	-.03	22	41
21-48-0049	2434414	505970	8-67	3	305	11,080	4.41	489	9	8,463	4.99	422	4-72		42	686	-.15	15	40
21-49-0003	2438615	505970	6-67	4	300	11,405	4.55	519	11	8,583	4.58	393	11-72		43	722	-.10	22	48
21-49-0195	2513955	546331	1-70	2	301	13,380	4.38	586	12	10,225	4.54	464	12-72		40	474	.00	22	38
21-52-0139	2342273	505970	10-65	4	301	13,438	4.25	571	22	9,333	4.66	435	3-72		43	901	-.15	25	58
21-52-0139	2365296	565011	5-66	4	301	12,965	4.35	564	24	9,215	4.61	425	7-72		34	514	-.04	19	37
21-52-0139	2478619	533769	9-68	2	305	14,740	3.93	580	21	9,405	4.61	434	3-73		40	724	-.17	15	42
21-52-0184	2417578	546331	10-67	3	305	15,563	4.95	770	6	11,503	4.82	554	1-72		42	644	.07	37	57
21-52-0184	2445213	570735	10-67	4	301	12,962	5.00	648	8	11,165	4.84	540	9-72		42	555	.05	31	49
21-52-0353	2386583	528754	10-66	3	297	12,953	4.77	618	6	9,813	4.50	442	12-71		42	629	.13	43	62
21-52-0353	2401771	528754	10-66	4	305	12,172	5.28	643	7	9,727	4.49	437	3-73		43	559	.20	47	62
21-53-0207	2293337	528754	11-64	5	281	13,952	4.89	682	11	11,202	4.43	496	2-73	B	44	647	.16	47	66
21-55-0122	2181460	549235	12-62	6	304	13,230	4.97	658	32	11,178	4.84	541	11-72		44	506	-.05	18	36
21-55-0122	2350629	565588	12-65	5	302	13,850	4.71	652	38	11,098	4.90	544	12-72		32	464	-.01	20	36
21-55-0122	2391737	528754	8-66	4	305	13,027	5.32	693	30	11,315	4.75	538	11-72		43	507	.19	44	58
21-55-0122	2435469	546331	1-68	3	302	14,177	4.68	664	36	11,680	4.90	572	12-72		42	468	.01	23	38
21-55-0122	2473363	572768	6-68	2	301	14,350	5.18	743	24	11,710	4.73	554	6-72		25	372	.09	27	38

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVG MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-55-0499	2293878	528754	2-65	6	288	11,451	5.07	581	14	10,153	4.70	477	1-73		44	430	.15	36	$ 48
21-55-0499	2483528	546331	2-69	2	305	13,370	4.70	628	18	10,310	4.64	478	3-73		40	466	.03	25	40
21-55-0499	2609172	574020	5-70	1	305	15,010	4.91	737	7	9,830	4.68	460	9-72		35	537	-.01	24	42
22-10-0005	2360912	562133	12-65	4	304	12,247	4.35	533	17	8,832	4.55	402	3-72		34	540	-.03	22	40
22-10-0005	2360913	562133	12-65	5	296	11,840	4.45	527	14	8,944	4.52	404	2-73		35	484	.00	22	38
22-10-0005	2572521	562133	11-69	1	305	13,750	4.95	681	21	9,620	4.64	446	11-71		24	459	.06	27	41
22-10-0055	2444107	546331	7-67	4	304	12,445	4.87	606	35	9,708	4.95	481	3-73		44	470	.03	25	40
22-10-0117	2268048	555132	7-64	5	301	12,186	5.53	674	74	8,946	4.88	437	8-71		36	465	.16	38	51
22-10-0117	2375017	563683	8-66	4	268	12,622	5.08	641	92	9,027	4.82	435	4-72	B	34	470	.08	30	44
22-10-0117	2484224	527889	5-69	1	265	14,530	4.94	718	69	9,610	4.88	469	1-72	B	25	520	.03	27	44
22-10-0130	2378718	567265	12-66	4	303	14,115	4.83	682	14	11,837	4.80	568	10-72	B	34	401	.05	24	36
22-10-0130	2426113	546331	12-67	2	305	14,415	4.81	694	33	12,035	4.81	579	1-72		40	432	.04	24	38
22-10-0130	2500187	546331	6-69	2	305	14,555	5.05	735	30	12,265	4.92	603	9-72		40	427	.06	26	39
22-10-0130	2501964	557543	10-69	1	305	18,460	4.32	798	30	12,400	4.81	596	2-72		35	535	-.05	19	38
22-10-0130	2544359	578004	9-70	1	305	16,040	4.75	762	23	11,380	5.06	576	10-72		19	465	-.01	20	36
22-25-0016	2257996	506243	2-64	5	305	13,548	4.86	658	64	9,700	4.89	474	7-72		44	631	.01	30	51
22-25-0016	2305452	505970	11-64	6	303	11,750	4.23	497	68	9,418	4.89	461	6-72		44	689	-.17	13	39
22-25-0016	2374831	505970	10-65	5	296	12,018	4.91	590	47	10,092	4.82	486	5-72		44	654	-.07	22	45
22-25-0016	2412084	505970	9-66	5	291	11,024	4.87	537	81	9,238	4.89	452	6-72		44	613	-.08	19	41
22-25-0016	2415232	505970	12-66	3	305	11,940	4.72	564	54	9,637	4.96	478	4-72		42	676	-.11	19	43
22-25-0016	2422682	546331	9-67	4	305	11,718	5.20	609	77	9,255	4.93	456	2-73		44	425	.08	28	41
22-25-0016	2505221	546331	8-69	2	305	13,150	4.38	576	118	8,705	4.73	412	9-72		40	574	-.01	25	44
22-25-0126	2271885	505970	7-64	6	305	12,583	4.65	585	63	9,408	5.12	482	1-73		44	799	-.13	22	51
22-25-0126	2411587	528424	5-67	4	305	11,705	5.66	662	46	10,003	5.06	506	4-73		43	333	.11	27	36
22-25-0126	2427106	553667	11-67	4	305	14,922	4.53	676	53	9,700	5.18	502	12-72		44	740	-.03	31	56
22-25-0126	2427114	553667	11-67	3	305	14,276	5.11	729	39	10,146	5.07	514	5-72		42	584	.08	35	53
22-25-0126	2536465	546331	9-69	2	305	11,400	5.28	602	76	8,845	5.21	461	9-72		40	385	.06	24	36
22-25-0126	2573180	546331	6-69	2	305	11,220	5.72	642	68	8,760	5.24	459	9-72		40	373	.10	28	39
22-25-0134	2342363	505970	6-65	5	305	12,576	4.01	504	8	10,498	4.69	492	5-72		44	684	-.19	11	37
22-26-0074	2242477	543747	9-63	5	257	13,596	5.07	689	12	11,178	4.53	506	8-72	B	35	353	.10	27	37
22-26-0074	2399698	546331	1-67	3	274	15,170	4.25	644	16	12,183	4.59	559	2-72	B	42	536	-.02	22	40
22-29-0154	2296006	548911	12-64	6	260	14,825	4.39	651	23	11,530	4.61	531	11-72		36	630	-.04	25	47
22-29-0154	2346388	505970	9-65	5	271	14,406	4.36	628	15	10,462	4.74	496	5-72		44	927	-.15	26	59
22-29-0154	2407999	565965	11-66	4	299	13,805	4.52	624	18	10,347	4.60	476	5-72		37	688	.02	24	40
22-29-0303	1905264	448080	6-56	9	305	13,053	4.82	629	101	10,557	4.90	517	8-72		37	583	.08	35	53
22-29-0303	2224748	559319	4-63	7	305	14,828	4.38	649	107	11,034	4.92	543	6-72		38	537	-.07	17	36
22-29-0303	2258392	556731	12-61	8	303	14,760	4.48	661	100	10,496	4.95	520	9-72		36	587	-.07	19	40
22-36-0204	2425164	505970	9-67	3	300	11,057	4.47	494	8	8,883	4.64	412	4-72		42	644	-.12	17	40
23-01-0095	2339257	511244	5-65	6	300	14,435	4.75	685	22	11,107	4.58	509	10-72		44	600	-.02	25	45
23-01-0095	2410245	448935	12-66	3	305	13,623	5.08	692	15	11,300	4.58	518	7-72		38	407	.13	33	44
23-01-0154	2323139	550919	10-63	6	305	15,090	4.33	654	13	10,760	4.51	485	6-72		43	642	-.05	24	46
23-01-0154	2539787	553667	10-70	1	305	18,240	4.62	843	10	13,340	4.79	639	1-73		36	533	.03	28	45
23-02-0047	2273378	459489	8-64	6	297	12,617	4.61	582	17	9,527	4.58	436	5-72		44	460	.03	24	39
23-05-0002	2294082	560835	12-64	6	305	11,990	5.01	601	13	9,043	4.71	426	10-72		44	405	.05	24	37
23-05-0124	2161016	515501	3-62	7	305	13,107	5.04	661	10	11,499	4.56	524	2-72		44	428	.03	23	37
23-05-0124	2358371	549588	8-65	5	305	15,956	4.41	704	20	12,418	4.53	562	10-72		44	583	-.04	22	42
23-05-0162	2455415	543853	12-67	3	305	14,843	4.36	650	28	11,063	4.69	519	4-72		42	529	-.05	19	37
23-05-0162	2463818	573037	6-68	2	304	15,140	4.43	670	26	10,595	4.71	499	1-72		29	650	-.04	26	48
23-05-0162	2496019	573037	1-69	2	305	14,925	4.43	661	24	11,505	4.59	528	4-72		29	536	-.01	23	41
23-05-0162	2509710	533769	7-69	2	304	14,810	4.07	603	13	9,895	4.66	461	4-73		40	691	-.15	15	41
23-05-0232	2285638	550014	11-64	5	305	15,598	4.62	721	12	12,554	4.56	572	7-72		44	555	-.02	23	42
23-05-0232	2285640	550014	12-64	5	305	17,130	4.37	749	9	12,504	4.56	570	5-72		44	761	-.07	27	54
23-05-0232	2361787	550014	4-66	5	305	15,236	4.44	676	9	12,440	4.56	567	3-73		44	520	-.05	18	36
23-05-0232	2460372	566205	6-68	2	305	19,815	4.49	890	19	12,100	4.53	548	11-72		29	1,099	-.03	47	84
23-05-0232	2490435	553667	7-68	2	305	16,485	4.04	666	26	11,855	4.43	525	7-72		40	617	-.03	25	46
23-05-0273	2379999	550919	11-66	4	305	15,920	4.46	710	16	10,790	4.79	517	1-72		42	720	-.06	27	52
23-05-0273	2578332	575666	8-70	1	305	12,170	4.24	516	16	8,940	4.45	398	9-72		29	686	-.11	20	45
23-06-0009	2331612	555132	7-65	5	305	11,236	5.18	582	63	8,450	4.89	413	11-72		36	382	.09	27	38
23-06-0031	2512969	566017	3-68	2	305	13,360	5.45	728	14	10,285	4.62	475	4-72		29	378	.16	34	44
23-06-0061	2287169	560243	11-64	5	305	11,962	4.70	562	8	9,788	4.44	435	9-72		35	395	.06	25	37
23-06-0061	2581917	553667	2-71	1	305	13,860	4.56	632	12	9,180	4.42	406	3-73		36	455	.05	26	40
23-06-0077	2333892	505970	4-65	6	305	11,078	5.11	566	7	10,005	4.72	472	3-73		44	540	-.04	21	40
23-07-0015	2299641	505970	3-64	7	305	11,981	4.64	556	16	10,357	4.71	488	9-72		44	621	-.10	18	40
23-07-0015	2397483	528424	1-67	4	305	12,905	4.53	584	18	10,153	4.66	473	1-73		43	467	-.01	20	36
23-07-0015	2415164	528424	4-67	3	305	12,680	4.94	627	19	9,953	4.60	458	8-72		42	441	.05	26	40
23-07-0188	2275898	528420	11-64	6	305	14,077	4.60	648	10	10,845	4.67	506	8-72		38	533	.01	26	43
23-07-0188	2382153	528420	10-66	4	305	13,800	5.12	706	17	11,750	4.66	548	8-72		37	374	.11	29	40
23-07-0188	2395855	528420	3-67	4	305	13,395	5.17	692	14	11,235	4.61	518	2-73		37	375	.12	30	40
23-07-0188	2412296	528420	7-67	3	305	19,310	3.99	771	17	11,600	4.67	542	1-72		35	1,086	-.12	36	74
23-07-0221	2288001	550919	9-64	3	305	14,214	4.95	703	24	10,616	4.87	527	12-72		43	521	.02	26	43
23-07-0221	2498471	546331	8-69	2	305	12,535	4.91	615	13	9,280	4.56	423	10-72		40	465	.07	29	43
23-08-0057	2378810	523029	7-66	5	305	13,620	4.89	666	45	11,022	4.85	535	11-72		43	563	.01	27	46
23-08-0057	2378812	497411	2-66	5	305	14,474	4.54	657	20	11,130	4.72	525	3-73		43	530	-.07	17	36
23-08-0057	2395736	523029	10-66	4	305	14,898	4.95	738	36	11,633	4.81	559	12-72		42	651	.04	34	55
23-08-0057	2545496	578323	8-70	1	305	16,980	4.49	763	38	11,210	4.71	528	1-73		27	506	.04	27	43
23-08-0064	2295139	505970	10-64	5	305	15,246	4.43	675	27	10,384	4.87	506	7-72		44	1,045	-.15	31	68
23-08-0064	2351862	526294	3-66	5	305	15,608	3.86	602	30	11,346	4.82	547	1-73		44	716	-.19	12	39
23-08-0064	2351863	505970	3-66	4	305	14,835	4.14	614	28	10,635	4.90	521	5-72		43	945	-.20	21	56
23-08-0064	2443431	569116	9-67	3	305	15,607	4.74	739	30	10,947	4.69	513	8-72		29	685	.02	34	56
23-08-0064	2457380	505970	11-67	4	304	12,260	4.41	541	25	10,565	4.76	503	6-72		43	631	-.14	14	37
23-08-0064	2488314	573929	11-68	3	305	15,913	4.18	665	29	11,710	4.69	549	2-73		36	681	-.13	17	42
23-08-0064	2500748	557543	4-69	3	305	15,523	4.41	685	28	11,763	4.68	551	2-73		42	515	-.04	19	37
23-08-0071	2278471	505970	11-64	6	297	14,125	3.84	542	16	10,367	4.61	478	7-72		44	900	-.22	17	51
23-08-0441	2393907	549235	11-64	5	304	17,046	4.18	713	18	11,244	4.34	488	6-72		44	991	-.13	31	66
23-09-0131	2490367	553667	9-68	3	305	13,106	4.62	606	26	9,800	4.71	462	1-73		42	481	.08	25	41

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-09-0811	2366209	505970	4-66	4	303	13,053	3.98	520	19	11,208	4.50	504	2-72	43	666	-.18	11	$ 36
23-09-0811	2386011	567912	10-66	4	304	13,698	4.80	658	24	11,210	4.46	500	1-73	33	424	.05	25	38
23-09-0811	2495086	572777	1-69	2	300	14,805	4.48	663	28	11,010	4.52	498	8-72	29	491	-.02	20	37
23-09-0816	2420245	570735	7-67	4	305	12,555	4.58	575	17	9,755	4.72	460	9-72	42	647	.00	30	51
23-15-0082	2268739	529773	3-64	6	305	13,065	4.91	641	35	10,038	4.98	500	3-72	44	443	.07	28	42
23-15-0082	2436288	511244	5-67	4	305	13,025	4.68	609	27	9,675	4.93	477	10-72	43	549	-.07	18	37
23-15-0082	2497424	552896	4-69	2	304	11,120	5.49	610	31	10,080	4.98	502	9-72	40	453	.06	27	41
23-15-0082	2506394	552896	6-69	2	305	14,170	4.23	599	37	10,835	4.95	536	11-72	40	703	-.08	23	48
23-15-0082	2559068	575666	11-70	1	304	16,030	4.15	665	28	11,510	4.89	563	12-72	29	836	-.16	21	52
23-15-0083	2430662	459489	11-67	3	301	13,397	4.99	668	21	9,730	4.65	452	5-72	42	493	.08	31	46
23-15-0256	2467899	557482	11-67	3	305	12,496	5.50	687	15	9,933	4.73	470	4-72	42	428	.08	28	41
23-15-0256	2467900	557482	11-67	3	305	13,916	4.89	681	16	9,586	4.77	457	5-72	42	626	-.01	28	49
23-15-0282	2543378	546331	10-70	1	305	15,290	4.54	694	25	10,980	4.77	524	12-72	36	495	.01	24	40
23-15-0616	2060247	529276	7-60	9	300	14,536	4.47	650	25	10,833	4.80	520	10-72	38	588	-.07	19	40
23-15-0616	2102845	455056	9-61	5	305	15,496	4.46	691	29	10,174	4.72	480	4-72	44	694	-.02	30	53
23-15-0616	2104064	529276	4-61	8	305	14,851	4.23	628	27	10,936	4.83	528	5-72	38	622	-.12	15	38
23-15-0626	2210206	557091	1-63	6	305	12,153	5.29	643	12	9,083	4.98	452	5-72	36	504	.08	32	47
23-16-0004	2443704	553667	8-67	4	299	12,697	4.63	588	11	9,652	4.65	449	8-72	44	470	.04	26	41
23-17-0087	2448025	533769	5-66	5	301	12,938	4.46	577	40	9,804	4.61	452	9-72	44	579	-.09	17	38
23-17-0087	2593286	573345	7-70	1	305	12,600	4.21	530	12	8,470	4.57	387	11-72	23	533	-.06	18	37
23-17-0087	2593289	573345	7-70	1	305	14,050	4.03	566	12	8,470	4.57	387	11-72	23	664	-.09	21	45
23-19-0014	2418247	529773	11-65	4	274	11,885	5.35	636	25	9,560	4.86	465	2-73	43	327	.14	30	38
23-19-0057	2118997	549223	8-61	9	301	13,260	4.65	617	18	10,497	4.62	485	3-72	35	555	.00	26	44
23-19-0088	2193560	459489	4-62	9	302	14,524	4.67	678	26	11,083	4.67	518	4-73	44	546	.03	28	46
23-19-0088	2268226	505970	1-64	6	276	12,582	4.44	559	23	10,975	4.56	501	2-73	44	635	-.11	17	40
23-19-0088	2320075	505970	11-64	5	294	14,538	3.62	527	20	10,112	4.58	463	8-72	44	980	-.25	17	-- 54
23-19-0088	2407115	568345	12-66	4	303	14,862	5.14	764	28	11,515	4.82	555	11-72	42	436	.06	26	40
23-19-0088	2468611	566331	7-68	2	305	16,435	4.58	753	40	12,405	4.63	574	5-72	40	607	.02	30	50
23-19-0088	2490546	573712	12-68	2	305	17,260	4.39	758	36	12,700	4.61	586	5-72	29	649	-.03	26	48
23-19-0088	2493806	557543	10-68	2	305	16,115	5.11	823	33	12,315	4.80	591	4-73	40	473	.06	28	43
23-19-0088	2494735	553667	5-69	2	305	15,875	5.42	861	51	11,430	4.72	540	9-72	40	590	.15	43	60
23-19-0088	2572552	579760	2-71	1	305	18,940	4.57	866	32	12,040	4.73	570	3-73	19	690	-.02	30	53
23-19-0123	2458323	571402	1-68	3	305	14,930	5.12	765	20	10,097	4.66	471	11-72	29	685	.10	42	63
23-20-0139	2411085	569097	1-67	4	305	15,130	4.19	634	23	10,383	4.66	484	11-72	30	727	-.09	24	50
23-20-0139	2454805	528424	1-68	3	301	16,090	3.83	616	19	10,440	4.53	473	5-72	42	793	-.11	24	52
23-21-0009	2558515	568923	12-68	2	305	15,680	3.97	622	25	10,340	4.40	455	5-72	29	648	-.07	22	45
23-21-0009	2558520	575666	3-70	1	305	11,950	4.27	510	43	9,290	4.67	434	10-72	29	645	-.12	17	40
23-21-0009	2566463	575666	1-71	1	305	13,550	3.92	531	15	10,040	4.49	451	4-73	29	728	-.14	18	45
23-22-0048	2418071	570835	8-67	2	298	16,025	4.30	689	29	9,830	4.64	456	12-72	25	774	-.05	30	57
23-22-0117	2361781	567069	3-66	3	305	14,227	4.68	666	13	11,143	4.72	526	10-72	29	466	.01	22	37
23-22-0117	2406243	570741	2-67	2	305	16,195	3.91	633	13	11,315	4.62	523	10-72	25	645	-.13	16	40
23-22-0117	2481739	573072	12-68	3	305	16,570	3.58	594	20	11,890	4.65	553	2-73	29	715	-.22	9	37
23-28-0083	2273892	537805	9-64	1	305	19,870	4.37	868	19	11,810	4.45	525	10-72	22	751	-.04	30	56
23-28-0118	2465793	552896	10-68	2	305	11,185	4.79	536	18	9,190	4.60	423	3-73	40	533	.01	26	43
23-28-0119	2573119	575666	1-71	1	305	11,660	4.43	516	17	9,360	4.62	432	2-73	29	616	-.09	18	40
23-28-0138	2353238	558761	10-65	4	286	13,830	4.98	689	49	10,598	4.68	496	9-72	34	605	.07	35	54
23-28-0186	2410456	475595	2-67	4	302	12,130	4.57	554	15	9,640	4.85	468	11-72	43	570	.00	26	45
23-28-0186	2434744	546618	1-68	3	304	15,790	4.46	704	9	10,387	4.61	479	2-72	42	509	.04	28	44
23-28-0186	2478523	546331	10-68	3	305	12,790	5.12	655	16	10,717	4.75	509	12-72	42	398	.09	28	40
23-28-0332	2357257	555687	2-66	2	305	14,035	4.64	651	6	10,430	4.92	513	4-72	29	487	-.01	21	37
23-33-0006	2487481	544991	3-69	2	304	13,735	5.16	709	22	9,905	4.62	458	1-73	40	367	.08	25	36
23-33-0103	2392791	537680	10-66	3	305	11,267	4.84	545	20	9,353	4.60	430	2-72	42	439	.05	25	39
23-33-0103	2475848	571506	3-69	2	305	12,610	4.81	606	16	9,605	4.59	441	12-72	36	517	.01	25	42
23-33-0107	2354318	541622	4-65	2	245	13,380	4.70	629	52	9,915	4.44	440	8-72	32	494	.04	27	43
23-33-0107	2360731	558761	2-66	3	305	17,963	3.77	677	42	10,500	4.60	483	11-72	32	1,145	-.17	33	74
23-33-0107	2533952	553667	4-69	1	305	14,950	3.89	581	24	9,730	4.34	422	7-72	36	503	-.02	21	30
23-36-0107	2380186	561859	6-66	5	305	11,658	5.39	628	44	9,612	4.79	460	10-72	36	320	.13	28	37
23-36-0107	2501445	574689	6-69	2	305	13,895	4.41	613	49	9,445	4.70	444	8-72	29	530	-.02	22	40
23-36-0107	2538944	552896	11-69	2	302	11,280	4.49	507	51	9,705	4.86	472	10-72	40	500	-.04	19	36
23-36-0173	2362315	557990	12-65	4	305	12,188	5.32	649	23	9,533	4.92	469	2-72	33	435	.11	32	45
23-36-0173	2409379	553667	7-67	4	305	11,730	5.35	628	14	9,627	4.68	451	6-72	44	353	.13	30	40
23-36-0174	2061857	545515	8-60	9	304	13,906	5.00	695	24	11,041	4.79	529	2-73	39	504	.05	29	45
23-36-0174	2310416	549771	1-62	7	303	15,439	3.92	605	21	11,606	4.69	544	7-72	35	702	-.18	12	39
23-36-0174	2328307	511244	9-65	4	293	14,728	4.42	651	29	11,380	4.68	533	10-72	43	591	-.09	17	38
23-36-0244	2391921	459489	6-66	4	305	11,893	4.79	570	16	8,540	4.54	388	2-73	44	453	.06	27	41
23-36-0289	2455232	556020	9-67	3	305	14,600	4.25	620	26	9,680	4.76	461	7-72	42	558	-.05	20	39
23-36-0325	2500353	553667	12-68	2	305	12,265	4.53	556	14	8,635	4.52	390	6-72	40	451	.04	25	39
23-36-0425	2390992	546618	12-66	4	290	14,325	4.98	714	32	9,983	4.62	461	9-72	43	413	.13	33	44
23-36-0425	2449555	553667	12-67	3	305	14,990	4.40	659	23	11,276	4.60	519	1-72	42	562	.00	26	45
23-36-0425	2466563	571679	5-68	3	305	15,920	3.88	617	32	10,926	4.70	513	1-73	40	707	-.17	14	40
23-36-0425	2479140	553667	9-68	3	305	13,310	4.70	626	32	10,446	4.71	492	11-72	42	445	.04	25	39
23-36-0425	2512270	553667	7-69	2	305	14,460	4.11	595	29	10,675	4.65	496	2-73	40	508	-.03	20	37
23-36-0425	2558676	561677	12-70	1	305	16,590	4.14	686	40	10,340	4.72	488	12-72	28	722	-.05	28	53
23-36-0524	2391922	539419	6-65	4	305	13,080	4.61	603	47	9,788	4.72	462	12-72	43	507	-.05	18	36
23-36-0524	2508868	552896	12-69	1	305	13,660	4.38	598	60	11,570	4.62	535	2-72	35	551	-.03	22	41
23-36-0524	2524023	533769	4-70	1	305	14,590	5.17	754	65	10,110	4.61	466	7-72	36	544	-.03	22	41
23-36-0594	2419774	528424	6-67	4	301	13,770	4.15	572	20	9,918	4.80	476	12-72	43	598	-.08	19	40
23-36-0594	2484753	549588	8-68	3	305	14,186	4.29	608	20	9,973	4.77	476	12-72	42	552	-.08	17	37
23-36-0629	2448423	539742	1-68	3	305	11,747	5.44	639	25	9,590	4.74	455	11-72	42	419	.15	35	46
23-36-0629	2546839	552896	6-70	1	305	11,850	4.48	531	27	10,440	4.68	489	11-72	35	483	-.02	20	36
23-36-0631	2518193	558793	9-69	1	305	13,670	4.97	679	20	9,350	4.87	455	9-72	33	438	.05	25	39
23-36-0646	2281871	549235	10-64	6	302	14,875	4.67	694	18	11,832	4.60	544	2-72	44	650	-.07	22	45
23-36-0832	2478343	574020	3-69	2	305	17,615	3.97	699	20	11,195	4.67	523	11-72	39	822	-.14	22	52
23-36-6403	2265058	549235	4-64	7	302	12,647	4.71	596	23	10,016	4.68	469	11-72	44	550	-.08	17	37
23-36-6403	2383271	565823	8-66	4	305	13,988	4.66	652	11	10,935	4.67	511	12-72	30	486	.01	23	39

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-36-6403	2490433	572696	8-68	2	305	12,300	5.28	649	14	9,280	4.77	443	5-72	30	374	.08	26	$ 37
23-37-0066	2380047	568704	1-66	4	305	15,562	3.87	602	30	10,722	4.42	474	11-71	35	743	-.11	22	49
23-37-0066	2380049	568446	1-66	4	305	13,310	4.66	620	24	11,172	4.38	489	6-72	35	436	.07	27	40
23-37-0066	2400869	537680	11-66	4	305	12,835	4.32	555	17	10,965	4.22	463	6-72	43	482	.01	23	39
23-37-0066	2412095	537680	3-66	4	295	13,435	4.25	571	26	10,818	4.37	473	1-72	43	572	-.02	24	43
23-37-0066	2470378	568446	4-68	2	305	13,325	4.66	621	25	11,220	4.39	492	9-71	30	383	.06	24	36
23-37-0066	2476755	537680	11-68	3	305	14,233	3.97	565	18	11,940	4.18	499	4-73	42	543	-.04	21	40
23-37-0084	2218029	515501	5-63	7	304	15,476	3.90	604	17	10,734	4.56	490	2-73	44	814	-.17	19	49
23-37-0084	2347985	537680	2-66	6	300	13,790	4.30	593	19	11,037	4.51	498	8-72	44	608	-.03	25	46
23-37-0084	2567216	537680	9-70	1	305	14,600	4.39	641	19	10,820	4.54	491	12-72	35	555	.00	25	44
23-40-0022	2173768	550942	9-62	7	297	14,997	4.37	655	44	10,383	4.69	487	6-72	44	744	-.07	27	53
23-40-0120	2477001	568724	4-68	3	305	12,307	4.91	604	10	7,993	4.80	384	10-72	32	603	.04	32	51
23-41-0044	2308749	505970	1-65	5	305	12,510	5.10	638	12	9,180	4.90	450	3-72	44	813	-.04	33	61
23-41-0192	2514848	565566	8-69	2	305	12,985	4.37	567	36	9,710	4.46	433	2-73	30	518	-.04	19	37
23-41-0192	2935006	574975	8-68	2	305	13,960	4.20	587	33	9,395	4.61	433	10-72	25	557	-.06	19	39
23-43-0011	2310470	533769	9-63	4	297	13,293	4.43	589	23	9,395	4.46	419	5-72	44	649	-.08	21	44
23-43-0022	2449652	553667	5-67	3	305	14,706	4.29	631	9	10,136	4.89	496	5-72	42	634	-.04	25	47
23-43-0022	2454008	568446	1-67	4	305	13,652	4.97	679	19	10,705	4.96	531	11-72	35	539	.05	30	47
23-43-0224	2442100	553667	9-67	4	304	12,992	4.69	609	19	10,512	4.59	482	11-72	44	421	.05	25	38
23-46-0126	2259335	515501	11-63	7	304	11,746	4.73	556	24	9,120	4.80	438	9-72	44	495	-.03	19	36
23-46-0126	2350136	565358	3-66	5	305	13,240	4.77	632	15	10,000	4.67	467	7-72	39	528	.07	32	48
23-46-0126	2520453	544991	11-69	2	305	14,740	4.61	679	21	9,940	4.74	471	11-72	40	467	.00	21	37
23-46-0132	2013012	539442	1-60	10	305	13,707	4.49	616	21	9,416	4.85	457	7-72	36	747	-.03	31	56
23-46-0132	2333678	563583	7-65	6	268	15,820	4.56	722	23	11,931	4.63	553	8-72	44	413	.04	23	36
23-46-0132	2466111	546331	7-68	3	262	14,263	4.61	658	18	11,790	4.66	550	1-73	42	468	.02	24	39
23-46-0404	2334652	529773	1-65	5	305	13,680	4.33	592	10	9,304	4.79	446	7-72	44	600	.00	27	47
23-46-0512	2450620	553667	12-67	3	304	13,423	5.25	705	20	10,060	4.98	501	11-72	42	494	.10	33	48
23-46-0512	2518077	553667	12-68	2	305	13,475	4.93	664	20	10,340	4.88	505	2-73	40	435	.06	26	40
23-46-0512	2518081	552896	11-68	2	302	12,035	4.50	541	26	10,255	4.95	508	10-72	40	533	-.04	20	38
23-48-0057	2350860	565176	8-65	4	305	15,493	4.72	732	22	11,503	4.60	529	1-72	34	612	.04	32	52
23-48-0057	2509765	558237	3-69	3	304	17,673	4.32	763	15	12,037	4.46	537	3-73	42	893	-.13	27	59
23-49-0038	2306155	529773	8-64	5	305	14,772	4.24	626	16	9,992	4.73	473	5-72	44	671	-.02	29	52
23-49-0038	2418988	528424	5-67	3	300	13,387	4.47	598	21	10,597	4.67	495	1-72	42	463	-.01	20	36
23-49-0038	2492736	558237	4-69	2	305	15,060	4.28	645	24	10,970	4.59	503	12-72	40	633	-.14	14	37
23-49-6003	2473947	571553	12-68	2	305	13,600	4.25	578	15	8,365	4.79	401	2-73	32	656	-.07	23	46
23-49-6004	2589836	561677	11-70	1	305	14,160	4.27	605	20	9,410	4.91	462	10-72	28	579	-.03	23	43
23-49-6005	2534645	552896	11-69	1	305	11,400	4.98	568	44	9,850	4.88	481	12-72	35	485	.01	23	39
23-49-6005	2547071	574287	8-70	1	305	13,720	4.64	636	56	8,900	4.85	432	10-72	24	466	-.01	20	36
23-50-0031	2358351	505970	3-66	3	305	13,170	4.21	555	11	10,613	4.63	491	7-72	42	729	-.16	16	43
23-54-0105	2294847	505970	12-64	2	305	12,405	4.13	512	13	10,765	4.43	477	1-73	40	614	-.14	13	36
23-54-0105	2359782	505970	10-65	3	305	12,600	4.07	521	10	10,303	4.68	482	3-72	42	715	-.18	13	40
23-61-0040	2337871	563116	12-65	5	300	12,778	4.02	616	64	9,908	4.42	438	10-72	36	395	.07	26	38
23-61-0040	2356836	549235	9-65	4	305	15,043	4.69	706	64	9,283	4.56	423	10-72	44	908	-.06	35	66
23-61-0040	2438856	561627	8-67	4	304	14,817	4.29	635	73	9,082	4.44	403	11-72	36	979	-.06	38	72
23-61-0040	2499565	562098	2-69	2	304	13,925	4.56	635	78	8,980	4.42	397	6-72	32	757	-.02	33	58
23-63-0002	2257443	550919	9-63	7	299	14,090	4.60	648	32	10,841	4.71	511	11-72	43	502	-.02	21	38
23-63-0002	2291938	550919	9-64	5	291	16,526	4.18	690	34	11,172	4.69	524	2-72	43	788	-.10	25	53
23-63-0002	2426291	533769	9-67	4	305	15,113	4.32	653	24	10,950	4.68	512	11-72	44	720	-.13	19	45
23-63-0010	2305471	560835	10-64	6	305	14,922	4.50	672	16	11,858	4.78	567	3-73	44	494	-.03	19	36
23-63-0010	2395464	544991	12-65	5	304	16,448	4.15	682	24	10,894	4.78	521	7-72	44	727	-.09	23	49
23-63-0010	2525550	553667	11-69	2	294	14,205	4.85	689	12	10,540	4.70	495	12-72	40	493	.07	30	45
23-63-0107	2211185	471425	3-61	6	304	14,727	5.01	738	24	11,810	4.94	583	8-72	35	567	.05	31	49
23-63-0107	2253967	534184	3-64	4	305	15,802	4.82	762	22	12,452	4.66	580	10-71	39	534	.05	30	47
23-63-0107	2269657	537680	8-64	6	305	17,615	4.54	799	23	12,162	4.79	583	8-72	44	990	-.02	43	76
23-63-0107	2330626	544991	6-65	5	305	17,020	4.96	844	22	12,794	4.61	590	5-72	44	603	.09	37	56
23-63-0107	2407405	511244	3-67	4	305	16,148	4.25	686	26	12,733	4.69	597	9-72	43	633	-.13	15	38
23-63-0107	2434674	571890	9-67	4	305	16,652	4.31	717	20	13,275	4.65	617	1-73	35	612	-.10	17	39
23-63-0107	2460007	571553	6-68	3	305	15,760	4.57	720	22	13,236	4.53	599	11-72	35	499	.00	23	40
23-63-0107	2471046	553667	7-68	2	305	16,790	4.78	803	23	12,955	4.62	599	10-72	40	559	.07	33	50
23-63-0107	2471049	553667	7-68	3	305	15,956	4.45	710	26	13,250	4.50	596	1-73	42	492	.02	25	41
23-63-0107	2483564	571890	9-68	2	305	19,670	4.15	817	16	13,420	4.68	628	11-72	30	862	-.13	25	56
23-63-0107	2483567	553667	10-68	2	305	15,520	4.59	712	22	13,165	4.54	598	11-72	40	413	.05	24	37
23-65-0181	2355392	549235	3-66	5	305	15,886	4.57	726	10	12,656	4.77	604	8-72	44	696	-.11	20	45
23-65-0209	2237615	557190	11-63	5	305	13,532	4.71	638	12	10,750	4.57	491	3-72	35	507	.02	25	42
23-65-0209	2526304	565127	2-70	1	305	15,820	4.05	641	12	10,140	4.84	491	9-72	26	618	-.14	13	36
23-66-0083	2325664	505970	2-65	6	304	13,158	4.01	528	14	9,202	4.77	439	7-72	44	895	-.20	19	52
23-66-0083	2325666	505970	3-65	6	301	11,412	4.36	497	21	9,583	4.65	446	1-73	44	628	-.13	15	38
23-66-0083	2430332	505970	7-67	3	302	12,467	4.29	535	17	9,390	4.66	438	8-72	42	761	-.14	19	47
23-66-0083	2430333	505970	7-67	4	305	13,470	4.33	583	19	9,910	4.64	460	11-72	43	847	-.13	24	55
23-66-0083	2465291	557543	8-68	2	305	14,915	4.36	650	14	10,295	4.62	476	12-72	40	515	-.03	20	38
23-67-0075	2444345	553667	4-68	3	294	12,816	4.89	627	26	10,130	4.80	486	10-72	42	418	.06	26	39
23-67-0075	2450986	553667	7-68	2	305	12,875	5.20	669	23	9,980	4.82	481	6-72	40	403	.10	29	41
23-67-0075	2459559	553667	3-68	2	305	17,860	4.50	804	20	12,940	4.69	607	7-72	40	669	.01	32	54
23-67-0075	2465178	573308	5-68	3	294	12,346	5.04	622	10	9,986	4.62	461	10-72	36	457	.08	30	44
23-67-0075	2499884	553667	8-69	2	305	15,040	5.17	778	34	11,080	4.72	523	3-73	40	534	.11	36	52
23-67-0162	2377212	524656	6-66	5	305	15,680	4.60	721	23	12,140	4.80	583	7-72	41	517	.01	25	42
23-67-0162	2410217	564864	6-67	4	305	16,088	4.45	716	27	12,478	4.78	597	3-73	42	473	-.02	20	36
23-67-0162	2423108	564864	12-67	3	305	17,627	4.97	876	20	12,997	4.79	622	3-72	41	567	.09	36	53
23-67-0162	2443460	560240	1-68	3	305	14,520	4.90	711	23	12,216	4.72	577	2-73	33	469	.04	26	41
23-67-0162	2461960	560240	7-68	2	283	15,640	5.27	825	26	12,630	4.70	594	11-71	30	525	.11	36	52
23-67-0190	2442537	553667	1-68	2	305	13,645	4.38	598	41	10,010	4.52	452	8-71	40	479	.02	24	40
23-67-0190	2471494	553667	4-68	3	305	12,503	4.53	567	34	9,890	4.49	444	7-72	42	404	.04	23	36
23-67-0190	2478379	546331	8-68	2	301	13,800	4.33	597	29	10,435	4.60	480	5-72	40	499	-.01	22	39
31-02-9500	2344864	533769	8-65	3	305	13,090	4.19	549	34	8,300	5.06	420	6-72	42	699	-.16	15	41
31-03-0048	2316740	561540	11-64	6	305	12,133	4.38	531	28	8,828	4.63	409	8-72	35	521	-.05	19	37

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-03-0048	2319076	525641	12-64	6	305	13,387	4.57	612	33	9,625	4.50	433	8-72		39	492	.01	24	$ 40
31-03-0048	2319077	533769	12-64	5	305	13,260	4.25	564	31	9,454	4.59	434	10-72		44	656	-.12	17	41
31-03-0048	2443580	533769	9-67	3	305	16,787	4.56	765	30	9,103	4.56	415	2-73		42	1,050	-.07	40	76
31-03-0048	2515289	553667	8-69	1	305	13,720	5.06	694	38	9,900	4.61	456	12-71		36	402	.08	27	39
31-06-0049	2179329	550570	11-62	7	304	14,254	4.85	692	7	10,377	4.63	480	4-72		36	709	.03	36	59
31-06-0049	2444446	569288	10-67	3	305	13,643	4.46	608	13	11,013	4.44	489	7-72		39	537	-.01	24	42
31-06-0049	2510483	537680	6-69	2	305	14,120	4.51	637	13	11,970	4.40	527	2-73		40	499	.02	25	41
31-06-0058	2444394	570379	11-67	2	305	12,550	5.08	637	11	9,405	4.67	439	3-72		29	404	.06	25	37
31-06-0084	2388571	537680	12-66	4	305	13,695	4.30	589	13	10,435	4.51	471	2-72		43	642	-.02	27	49
31-06-0084	2388574	548281	11-66	3	305	13,963	4.52	631	13	10,577	4.53	479	1-72		41	454	.01	22	37
31-06-0084	2388576	537680	11-66	4	301	13,418	4.42	593	15	10,445	4.51	471	1-72		43	606	-.01	27	47
31-06-0084	2439788	561468	4-67	4	305	13,460	3.98	536	14	9,295	4.56	424	8-72		42	732	-.22	10	38
31-06-0084	2519409	571506	9-69	1	305	15,460	4.33	670	18	11,580	4.54	526	12-71		32	553	-.05	20	39
31-06-0084	2524341	569288	12-69	2	305	12,960	4.61	598	13	10,845	4.47	485	3-73		36	445	.01	22	37
31-10-0063	2353772	539742	9-65	5	305	15,348	4.11	631	15	11,792	4.77	563	7-72		44	681	-.06	25	49
31-10-0063	2377621	556020	1-66	5	305	15,358	4.73	726	10	12,220	4.66	569	9-72		44	459	.04	25	40
31-10-0063	2457783	573374	2-68	3	304	14,717	4.94	727	15	12,130	4.63	562	3-72		29	423	.07	27	40
31-11-9150	2121998	550973	10-61	6	305	16,022	4.77	764	11	10,157	4.75	482	11-72		36	848	.05	44	71
31-14-0600	2389344	537680	6-66	5	305	13,516	4.40	595	12	9,804	4.44	435	3-73		44	701	.00	32	55
31-14-9020	2271591	530735	8-64	6	305	14,050	4.52	635	20	10,620	4.54	482	3-72		35	543	-.01	24	42
31-14-9020	2517314	537680	4-70	1	305	13,030	4.37	569	22	10,320	4.45	459	10-72		35	466	.01	22	37
31-15-0171	2471976	569009	7-68	2	305	15,465	4.55	704	7	12,560	4.94	620	2-72		30	523	-.06	18	36
31-15-0171	2558488	537680	10-70	1	305	17,550	4.75	833	9	12,870	4.79	617	2-73		35	654	.02	32	53
31-15-0663	2534003	574020	2-69	2	305	13,820	4.70	650	11	8,735	4.91	429	9-72		39	633	-.04	25	47
31-17-9008	2205067	550942	2-63	7	305	14,041	4.79	672	5	10,863	4.85	527	1-72		44	569	-.01	25	44
31-19-0066	2443189	537680	1-68	3	297	16,993	4.68	796	12	11,427	4.52	516	3-72		42	913	.04	46	76
31-19-0066	2486989	537680	2-69	3	288	13,637	4.24	578	10	11,853	4.52	536	2-73		42	482	-.03	19	36
31-19-0066	2522631	537680	4-70	1	305	14,810	4.58	679	20	12,180	4.46	543	11-72		35	488	.02	25	41
31-19-0066	2552769	537680	11-70	1	290	14,850	4.13	613	20	12,270	4.50	552	12-72		35	486	-.03	19	36
31-19-0066	2552774	537680	11-70	1	297	16,010	3.96	634	14	12,220	4.53	554	1-73		35	577	-.05	21	41
31-19-0073	2406890	537680	11-66	4	300	12,298	4.80	590	18	10,513	4.38	460	3-72		43	460	.06	28	42
31-19-0073	2437813	569645	11-67	2	305	14,810	4.70	696	25	11,915	4.38	522	12-72		25	409	.05	24	37
31-19-0073	2482857	566440	9-68	2	305	14,945	4.12	616	17	10,410	4.54	473	5-72		30	599	-.08	19	40
31-19-0073	2482863	566440	9-68	2	305	16,610	3.62	601	24	11,585	4.45	515	9-72		30	685	-.17	13	39
31-19-0073	2514092	575682	9-69	2	298	15,190	4.28	650	18	11,235	4.49	505	9-72		32	687	-.06	25	49
31-19-0073	2514094	575682	9-69	2	305	14,925	3.93	587	18	11,375	4.52	514	12-72		32	643	-.12	16	40
31-19-0073	2514097	575682	8-69	2	305	13,985	3.90	546	19	10,850	4.42	480	9-72		32	583	-.11	15	36
31-19-0073	2514098	575682	8-69	2	305	16,030	4.07	652	18	11,400	4.48	511	10-72		32	769	-.10	24	51
31-19-0442	2484113	537680	2-69	1	305	12,190	4.86	592	19	9,170	4.68	429	1-72		35	472	.03	25	40
31-19-9816	2004913	537401	11-59	10	305	12,670	5.45	690	16	9,514	4.82	459	3-73		42	355	.20	37	45
31-19-9816	2358270	537401	11-65	4	305	12,590	5.42	683	19	9,537	4.94	471	10-71		41	323	.17	33	41
31-22-9004	2228511	557944	9-63	4	305	13,242	4.30	569	14	9,800	4.47	438	12-71		38	603	-.03	24	45
31-22-9004	2291545	557944	2-65	3	305	12,883	4.53	583	21	9,793	4.38	429	12-71		37	533	.01	25	43
31-22-9004	2291546	557944	2-65	3	305	12,490	4.51	563	18	9,683	4.47	433	10-72		37	495	.00	23	39
31-22-9004	2417739	553667	6-67	3	305	13,203	4.35	574	19	10,103	4.42	447	11-71		42	465	.02	23	38
31-22-9004	2500150	575598	7-69	1	305	14,410	4.55	656	17	9,360	4.48	419	5-72		19	464	.01	22	37
31-23-9081	2382865	562683	7-66	3	304	14,043	4.96	696	18	11,887	4.87	579	11-72		37	411	.10	30	42
31-23-9081	2457491	553667	2-68	2	305	12,960	4.48	581	16	9,080	4.48	407	11-71		40	485	.04	26	42
31-26-9007	2440889	568622	9-67	3	304	13,043	4.69	612	16	8,820	4.69	414	8-72		32	622	-.02	26	47
31-28-0026	2168111	550942	8-62	8	304	12,011	5.35	642	19	9,656	4.76	460	1-72		44	430	.09	29	42
31-28-0026	2248110	550942	2-64	6	303	13,027	4.77	622	14	9,993	4.75	475	2-72		44	527	.00	24	42
31-28-0026	2503546	574762	1-69	2	305	14,590	4.80	700	24	10,065	4.73	476	12-72		25	569	.03	29	47
31-28-0061	2470910	567622	3-66	3	305	14,093	3.65	514	11	9,210	4.59	423	7-72		29	667	-.17	12	37
31-31-9001	2272823	533769	8-64	6	305	14,753	4.87	719	67	10,503	4.88	513	9-72		44	741	-.05	29	54
31-31-9001	2324846	566308	8-65	5	305	15,112	4.70	711	62	10,448	4.83	505	9-72		36	858	-.03	36	65
31-31-9001	2337246	539419	8-65	4	299	14,720	4.79	705	66	10,968	4.66	511	5-72		43	594	-.01	26	46
31-31-9001	2467637	566308	11-68	2	305	17,695	3.76	665	50	12,150	4.65	565	8-72		30	873	-.19	19	51
31-31-9001	2475503	566308	11-68	2	305	15,055	4.60	693	45	12,530	4.62	579	4-72		30	528	-.03	21	39
31-31-9001	2483443	539742	1-69	2	305	13,640	5.08	693	59	11,625	4.65	540	9-72		40	423	.11	31	43
31-31-9001	2493398	555991	10-68	1	305	19,430	4.03	783	48	12,630	4.58	578	10-72		25	820	-.10	27	56
31-31-9001	2505953	566308	11-69	1	305	19,250	4.10	790	48	12,900	4.51	582	5-72		24	793	-.09	26	54
31-31-9001	2505955	566308	11-69	1	305	16,570	4.13	684	48	12,900	4.51	582	5-72		24	555	-.09	16	36
31-31-9001	2505958	566308	12-69	1	305	17,770	4.47	795	48	12,900	4.51	582	5-72		24	661	-.04	26	49
31-31-9001	2505960	566308	12-69	1	305	15,800	4.46	704	48	12,540	4.55	571	7-72		24	512	-.04	19	37
31-31-9001	2522415	566308	1-70	1	305	17,070	4.22	721	17	12,680	4.82	611	3-73		24	615	-.09	18	40
31-31-9001	2522419	566308	2-70	1	305	17,990	3.91	703	45	12,120	4.61	559	9-72		24	737	-.13	20	47
31-31-9001	2548561	558237	7-70	1	305	21,340	4.77	1017	19	12,380	4.77	591	3-73		35	922	-.08	33	65
31-33-0009	2169950	550942	10-62	5	305	12,762	4.80	613	20	9,812	4.88	479	7-72		44	512	.00	23	40
31-33-0009	2338291	536994	3-65	5	305	14,594	4.52	660	13	10,468	4.78	500	2-73		43	719	-.08	24	49
31-33-0009	2407098	569645	10-66	5	305	13,814	4.41	609	15	10,812	4.55	492	3-73		32	495	-.03	20	37
31-33-0009	2437812	569645	9-67	3	300	14,170	4.78	677	14	9,620	4.74	456	5-72		29	632	.03	32	53
31-33-0009	2514992	552896	2-69	2	305	12,995	4.36	567	19	10,070	4.55	458	11-72		40	646	-.03	26	48
31-38-0020	2303369	559170	10-63	2	305	16,180	5.20	841	6	11,705	4.70	550	6-72		25	604	.10	39	57
31-38-0020	2333715	549235	3-65	5	301	17,208	3.89	670	8	12,228	4.96	606	12-72		44	911	-.26	13	48
31-38-0034	2508697	577701	8-69	2	305	15,335	4.34	666	15	10,660	4.47	476	2-73		25	603	-.02	25	45
31-38-0114	2302329	524759	2-65	5	298	14,040	4.67	656	15	10,310	4.62	476	11-72		44	389	.08	26	38
31-38-0280	2321264	562511	12-64	4	305	13,343	4.07	543	21	10,365	4.64	481	2-72		35	675	-.15	15	40
31-38-0280	2339230	546331	11-65	5	305	12,914	4.65	600	23	9,798	4.62	453	11-72		44	534	.03	28	45
31-38-0280	2351346	556020	1-66	4	303	14,363	4.73	679	28	10,580	4.63	490	11-72		43	478	.04	26	41
31-38-0280	2424462	553667	3-67	4	305	13,420	4.89	656	27	10,662	4.57	487	12-72		44	459	.08	30	44
31-38-0280	2478635	562021	10-68	3	303	14,836	4.62	686	22	11,066	4.64	513	3-73		42	450	.03	24	38
31-38-0280	2553990	574020	1-70	1	305	16,840	4.31	726	29	10,980	4.69	515	6-72		35	606	-.07	20	41
31-38-0280	2553992	575363	12-69	1	305	14,790	4.73	700	42	10,460	4.74	496	8-72		23	568	-.04	22	42
31-38-0700	2343350	563721	7-65	6	305	13,970	5.03	702	28	11,543	4.75	548	11-72		32	427	.08	28	41
31-38-0700	2396311	533769	10-66	3	305	14,617	4.45	650	32	11,320	4.81	545	7-72		42	597	-.11	15	37

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
31-38-0700	2440121	556020	11-67	3	305	14,803	5.03	744	31	11,453	4.78	548	9-72		42	417	-.07	27	$ 40
31-38-0700	2494957	571493	4-69	2	305	14,630	4.83	707	40	11,800	4.97	587	9-72		30	486	-.01	21	37
31-38-0700	2495695	575363	2-69	3	305	14,463	4.55	658	37	11,743	4.74	557	3-73		32	565	-.06	19	39
31-38-9210	2391799	475548	8-66	5	304	13,914	4.96	690	5	12,000	4.78	573	12-72		44	404	.09	28	40
31-38-9210	2450527	553667	1-68	3	305	13,316	5.02	668	6	11,140	4.88	544	7-72		42	382	.07	25	37
31-38-9210	2451350	539742	1-68	3	305	17,100	5.29	904	9	11,787	5.03	593	4-72		42	838	.13	53	79
31-39-0068	2375659	539742	9-66	2	304	13,720	4.08	560	25	10,430	4.69	489	6-72		40	529	-.02	22	40
31-39-9019	2296313	539742	2-65	5	305	14,376	4.09	588	13	12,090	4.54	549	4-72		44	523	-.03	21	39
31-39-9120	2263548	551743	10-63	8	305	14,826	4.26	631	13	12,295	4.33	532	1-73		36	535	-.07	17	36
31-39-9120	2406599	549235	10-66	4	303	15,238	4.21	642	15	12,623	4.31	544	3-72		44	602	-.12	15	37
31-39-9320	2364807	533769	12-65	5	305	14,690	3.99	586	15	10,576	4.43	468	10-72		44	725	-.16	16	43
31-42-9031	2284703	525463	5-64	6	305	15,798	4.51	712	22	12,363	4.61	570	3-72		43	469	.07	29	43
31-42-9031	2284705	525463	7-64	6	273	15,690	4.45	698	22	11,990	4.60	552	1-73	B	43	494	.06	29	44
31-42-9031	2323640	562943	2-65	6	305	14,527	4.61	670	21	11,803	4.58	541	1-73		36	467	.01	23	38
31-42-9031	2404372	537680	11-66	4	305	13,255	4.33	574	22	11,498	4.44	510	4-73		43	481	-.01	21	37
31-42-9031	2418536	562683	2-67	4	305	15,120	5.58	844	12	12,153	4.89	594	9-72		38	547	.23	50	64
31-42-9031	2462098	570421	7-68	2	305	15,550	5.00	777	15	13,355	4.57	610	4-72		29	347	.10	26	36
31-42-9031	2466528	546331	9-68	2	305	16,870	4.67	787	13	12,775	4.70	600	7-72		40	621	.03	32	52
31-42-9325	2282893	560156	8-64	6	305	14,565	4.98	725	21	10,820	4.63	501	12-72		36	504	.10	34	49
31-42-9325	2446579	553667	1-68	3	305	14,043	4.58	643	11	10,880	4.48	487	11-72		42	490	.04	27	43
31-42-9777	2285789	475595	8-64	6	305	14,255	4.67	666	17	11,492	4.78	549	11-72		44	664	.02	33	55
31-42-9777	2293034	562511	11-64	5	305	13,340	4.36	582	19	9,826	4.76	468	7-72		36	753	-.11	23	50
31-42-9777	2377389	566803	4-66	5	305	14,862	4.19	622	18	11,452	4.65	532	10-72		32	580	-.09	17	38
31-42-9777	2389274	539742	9-66	5	304	14,880	4.53	674	18	11,826	4.76	563	4-73		44	616	.02	30	50
31-42-9777	2404160	539742	11-66	5	304	13,898	5.13	713	23	11,726	4.79	562	1-73		44	498	.12	36	50
31-42-9777	2436961	566122	7-67	3	305	15,466	4.37	676	21	11,880	4.76	565	3-73		35	674	-.10	20	44
31-42-9777	2553967	566122	8-70	1	305	16,590	4.07	676	25	11,510	4.81	554	11-72		27	640	-.13	15	39
31-45-9072	2109650	550516	11-61	8	303	13,163	4.82	635	9	10,695	4.69	502	7-72		34	428	.05	25	38
31-45-9072	2250914	533769	9-63	6	298	13,633	4.36	595	18	10,387	4.78	496	2-73		44	608	-.13	14	36
31-45-9072	2329033	546331	8-65	4	259	14,130	4.79	677	19	11,613	4.76	553	3-72		44	490	.04	27	43
31-45-9072	2501426	571153	6-69	2	303	12,750	4.67	595	14	10,270	4.67	480	1-73		31	463	.02	23	38
31-46-0009	2444412	553667	4-68	3	305	14,133	4.25	601	13	9,723	4.68	455	6-72		42	607	-.03	25	46
31-46-0143	2325918	545327	4-65	3	305	16,187	4.73	766	17	10,770	4.80	517	6-72		41	681	.03	34	56
31-46-0143	2503124	553667	4-69	2	305	13,895	4.82	670	22	10,630	4.88	519	11-72		40	454	.05	26	40
31-46-0143	2503129	553667	6-69	2	305	15,585	4.65	724	23	10,570	4.87	515	12-72		40	630	.03	32	52
31-46-0143	2503130	553667	4-69	2	305	13,810	5.00	691	22	10,630	4.88	519	11-72		40	445	.07	28	42
31-47-9039	2471155	571319	6-68	2	305	12,810	5.17	662	13	9,750	4.72	460	8-72		25	375	.08	26	37
31-49-0019	2415194	537680	3-67	3	305	15,253	4.48	684	29	10,583	5.02	531	3-72		42	789	-.04	32	59
31-49-0019	2467170	572991	12-67	2	299	16,555	4.41	730	15	11,040	4.94	545	3-72		25	719	-.06	26	51
31-49-0019	2488369	572126	9-68	2	305	14,155	4.92	697	18	10,305	4.94	509	6-72		25	489	.02	25	41
31-49-0056	2357541	555249	8-65	6	301	16,337	4.82	787	20	11,293	4.98	562	1-73		36	782	.00	36	62
31-49-0056	2398251	570072	1-67	4	297	12,835	5.18	665	21	10,263	5.15	529	10-72		33	390	.07	25	37
31-49-0056	2486267	572627	12-68	2	305	18,050	4.64	837	21	12,310	5.07	624	3-72		31	782	-.02	34	60
31-49-0078	2488025	537680	12-67	3	305	14,263	5.06	722	8	9,987	5.04	503	4-72		42	729	.05	39	62
31-49-0089	2485605	561468	12-68	1	305	14,440	4.88	705	19	9,090	5.01	455	8-72		35	652	-.14	15	39
31-49-9018	2289234	475548	11-64	6	304	14,120	4.96	700	26	11,892	4.97	591	10-72		44	443	.06	27	41
31-49-9018	2359023	558495	9-65	3	305	16,443	5.07	833	14	10,576	4.94	522	9-71		37	765	.06	42	66
31-52-0006	2532561	564220	3-68	3	292	11,940	5.03	601	8	8,857	4.62	409	2-73		32	402	.08	27	39
31-53-0025	2427345	562683	7-67	3	305	13,127	5.20	682	15	9,527	4.96	473	2-72		37	534	.13	39	54
31-53-9005	2479642	571506	3-69	2	272	14,330	4.85	695	7	12,355	4.78	591	9-72	B	36	465	.00	21	37
31-53-9005	2546863	557482	12-70	1	305	17,200	4.55	782	9	11,720	4.86	570	10-72		35	587	-.06	20	41
31-54-0004	2494592	573318	8-69	2	297	12,630	5.12	647	7	10,305	4.76	491	12-72		32	378	.07	25	36
31-54-0004	2531007	546331	5-70	1	305	13,990	4.71	659	6	10,400	4.82	501	12-72		36	433	.03	23	37
31-54-0106	2351136	533769	8-65	5	305	12,628	4.97	627	11	10,392	4.56	474	2-73		44	478	-.01	21	37
31-54-0106	2517960	537680	8-69	1	305	14,400	4.57	658	10	12,400	4.72	585	4-72		35	444	.01	21	36
31-54-0260	2434918	557505	10-67	4	303	13,460	5.04	679	19	11,280	4.86	548	10-72		34	384	.07	25	37
31-54-0260	2456274	570965	2-68	3	296	14,120	4.80	678	12	10,167	4.74	482	4-72		32	553	.03	29	47
31-54-0260	2491701	567404	2-69	2	305	16,050	4.38	703	20	10,905	4.83	527	10-72		31	706	-.07	25	50
31-54-0260	2507615	567404	8-69	2	305	15,620	4.24	663	11	10,705	4.73	506	3-73		31	674	-.08	22	46
31-54-0260	2507619	567404	8-69	2	305	15,010	4.64	697	16	10,780	4.77	514	12-72		31	596	-.02	25	45
31-54-9012	2313960	561468	4-65	5	305	15,552	4.05	630	10	11,388	5.03	573	3-72		43	805	-.27	7	39
31-54-9012	2317594	561468	5-65	6	303	15,655	4.10	642	11	10,530	4.88	514	10-72		43	909	-.24	15	50
31-54-9270	2228513	557944	10-63	6	305	13,230	5.11	676	17	10,605	4.66	494	12-71		39	529	.08	33	49
31-54-9270	2285420	558740	11-64	6	303	14,141	5.18	732	11	11,080	5.06	561	12-71		42	503	.10	34	49
31-54-9270	2308522	528754	1-65	5	305	11,922	5.02	599	14	10,646	4.66	496	9-72		44	440	.15	36	48
31-54-9270	2405098	553667	3-67	4	303	14,145	4.65	658	18	11,937	4.67	557	12-72		44	423	.04	24	37
31-54-9270	2465633	553667	5-68	3	305	13,926	4.95	689	21	11,866	4.79	568	8-72		42	385	.07	25	37
31-54-9270	2465735	558237	10-68	2	305	15,710	4.37	686	15	11,645	4.57	532	4-72		40	644	-.12	16	40
31-54-9270	2508130	573064	7-69	2	303	14,355	4.51	648	24	11,885	4.85	576	9-72		31	511	-.04	19	37
31-54-9270	2524420	568265	9-69	2	305	16,810	4.29	721	17	12,080	4.65	562	2-73		31	635	-.09	19	42
31-57-0010	2322673	550942	1-65	5	300	13,578	4.57	620	23	10,328	4.42	457	7-72		44	564	.00	26	45
31-57-0010	2406489	537680	12-66	4	305	13,890	4.37	607	21	10,798	4.47	483	9-72		43	630	-.01	28	49
31-57-0010	2412719	537680	12-66	4	300	13,038	4.55	593	18	11,108	4.31	479	5-72		43	493	.03	26	42
31-57-0010	2422943	561468	6-67	4	304	15,570	3.66	570	26	10,887	4.57	498	11-72		42	837	-.28	7	40
31-57-0010	2480706	557482	9-68	2	305	17,080	4.10	701	23	11,195	4.34	486	7-72		40	761	-.09	25	52
31-57-0045	2401211	549235	5-67	4	305	13,950	4.56	636	16	11,758	4.41	518	3-73		44	528	-.07	17	36
31-57-0045	2451073	569288	5-68	2	305	17,045	4.54	773	17	11,940	4.30	513	3-72		36	790	.02	38	64
31-57-0045	2472204	562683	8-68	1	305	14,590	4.72	689	11	12,410	4.32	536	8-72		29	325	.12	28	37
31-57-0045	2495295	572441	7-69	2	295	14,380	4.37	628	12	11,410	4.42	504	11-72		29	543	-.04	21	40
31-57-0045	2498436	553667	4-69	1	305	15,050	4.93	742	21	12,280	4.42	543	11-71		36	359	.09	26	36
31-57-0045	2539917	572441	8-70	1	305	16,200	4.04	655	14	11,970	4.42	529	11-72		23	583	-.08	18	39
31-57-0045	2539919	572441	8-70	1	305	15,720	4.52	710	14	11,630	4.48	521	12-72		23	564	-.02	24	43
31-67-0034	2300916	511435	1-64	6	301	13,770	4.71	649	12	10,208	4.63	473	5-72		43	510	.01	24	41
31-67-0034	2452798	537680	8-67	4	299	12,265	4.91	602	10	10,938	4.76	521	3-73		43	414	.04	23	36
31-67-0855	2390885	537680	11-66	5	296	13,220	5.01	662	14	10,740	4.75	510	12-72		44	564	.07	33	51

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR O	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-67-0855	2402190	537680	10-66	5	298	11,918	4.87	580	15	10,658	4.66	497	1-73	44	403	.04	23	$ 36
31-67-0855	2402192	570096	11-66	5	302	14,120	4.29	606	16	10,286	4.65	478	10-72	32	610	-.06	21	42
31-67-9017	2567845	537680	9-70	1	305	11,780	5.64	664	16	10,270	4.91	504	10-72	35	375	.08	26	37
31-67-9017	2567848	537680	8-70	1	305	12,210	5.51	673	5	10,030	4.29	465	4-73	35	374	.11	29	40
31-70-0014	2495889	567583	11-68	3	266	15,067	4.53	682	10	10,623	4.69	498	4-73 B	41	499	.06	29	45
31-70-0014	2495892	573519	11-68	2	305	15,050	4.90	737	14	11,295	4.71	532	2-72	33	389	.08	26	38
31-70-9013	2279697	529773	11-64	2	305	15,685	4.76	746	12	10,895	4.84	527	10-72	40	559	.07	33	50
31-70-9015	2509187	568898	11-69	2	305	13,610	5.00	681	9	10,605	4.75	504	3-73	29	469	.05	27	42
31-72-0014	2291552	549235	8-64	7	293	13,163	4.01	528	11	9,580	4.61	442	11-72	44	662	-.18	11	36
31-72-0014	2551477	567336	11-70	1	305	12,930	4.22	546	8	9,670	4.50	435	1-73	28	611	-.09	18	40
31-72-0014	2551480	567336	11-70	1	305	14,440	4.18	603	8	9,670	4.50	435	1-73	28	738	-.10	23	49
31-72-0015	2416047	553667	3-67	3	305	14,193	4.26	605	21	10,036	4.94	496	5-72	42	585	-.04	22	42
31-72-0015	2495642	553667	2-69	2	272	13,405	4.62	619	14	10,165	4.95	503	12-72	40	442	.02	22	36
31-72-0100	2460528	573374	3-68	2	305	13,735	5.49	754	15	11,175	4.92	550	11-72	25	348	.11	28	38
31-72-9016	2522640	553667	10-69	2	305	13,105	4.88	639	6	10,500	4.79	503	4-73	40	384	.06	24	36
31-74-0315	2480358	566122	6-67	2	305	13,275	4.35	577	19	10,020	4.55	456	7-72	32	541	-.07	17	36
31-74-0315	2517612	578693	9-69	2	300	13,430	4.48	602	6	8,620	4.76	410	10-72	25	568	-.03	23	42
31-78-0016	2388921	539742	7-66	5	304	11,832	4.55	538	14	9,608	4.50	432	9-72	44	450	.05	26	40
31-78-0016	2459772	537680	11-67	4	291	12,230	4.69	573	12	10,473	4.51	472	11-72	43	456	.04	25	40
31-78-0016	2473985	569288	10-68	2	305	12,955	4.63	600	11	10,750	4.41	474	4-72	36	453	.02	23	38
31-78-0016	2492866	571506	11-68	2	305	13,250	4.60	610	12	10,310	4.42	456	3-72	36	525	.00	24	41
31-78-0016	2506652	546331	6-69	2	305	12,945	4.59	594	17	9,690	4.47	433	8-72	40	473	.04	26	41
31-78-0016	2534022	571506	4-69	2	305	13,960	3.99	557	11	9,870	4.45	439	4-72	36	639	-.09	20	43
31-78-0016	2560669	537680	3-70	1	305	13,520	4.06	549	20	9,920	4.46	442	6-72	35	528	-.03	21	39
31-78-0108	2478301	557482	9-68	3	304	13,853	4.35	603	11	9,706	4.81	467	11-72	42	607	-.09	18	40
31-80-9025	2478067	553667	12-68	2	304	15,665	4.26	667	15	11,270	4.48	505	9-72	40	582	.00	27	46
31-80-9025	2500419	553667	5-69	1	305	14,550	4.51	656	14	10,940	4.31	472	7-72	36	401	.05	24	36
31-81-9007	2396226	549235	11-66	2	305	16,120	4.78	770	10	11,760	4.71	554	2-73	40	706	-.07	25	50
31-81-9007	2486611	553667	1-69	2	305	14,745	4.77	704	8	11,120	4.95	550	7-72	40	500	.04	27	43
31-81-9007	2516666	512974	1-70	1	305	18,190	4.44	808	7	10,980	4.88	536	11-72	36	569	-.08	18	38
31-81-9010	2283436	551707	8-64	6	305	12,773	4.94	631	8	9,628	4.92	474	1-73	36	510	.02	26	43
31-81-9010	2511915	575093	9-69	1	305	15,440	4.74	732	16	9,590	4.72	453	4-72	26	522	.02	26	43
31-81-9030	2461065	537680	9-68	2	305	11,875	4.87	578	12	9,680	4.50	436	4-72	40	457	.05	26	40
31-85-0157	2341752	545327	2-65	5	305	14,212	4.40	626	13	11,136	4.48	499	5-72	43	458	.00	21	36
31-85-0157	2343599	566443	12-65	5	304	14,552	4.89	712	21	11,690	4.94	578	4-73	36	638	.03	33	54
31-85-0157	2360986	528754	5-66	4	252	12,810	5.15	660	19	11,342	4.63	525	4-72	43	477	.18	41	54
31-85-0157	2411181	533769	9-66	4	305	15,290	3.70	566	10	10,563	4.62	488	7-72	44	780	-.23	11	41
31-85-0157	2480447	546331	10-68	2	305	14,745	3.97	586	33	11,320	4.43	501	2-73	40	523	-.05	19	37
31-85-0157	2566267	576388	11-70	1	305	15,230	4.75	723	15	10,090	4.42	446	1-73	19	486	.03	26	42
31-85-0241	2401229	545867	3-59	1	305	16,920	4.75	803	24	11,740	4.43	520	3-72	19	521	.04	28	45
31-85-0241	2401247	545867	4-63	1	305	16,590	5.04	836	24	11,740	4.43	520	3-72	19	490	.08	31	46
31-85-0241	2530770	557482	1-70	1	297	17,380	4.00	695	26	11,900	4.52	538	3-72	35	589	-.10	16	37
31-85-0578	2302096	558434	1-65	4	305	14,360	5.21	748	21	11,370	4.76	541	12-72	37	389	.17	36	46
31-85-0578	2428798	546331	7-67	2	305	13,110	4.73	620	14	10,065	4.93	496	4-72	40	459	.02	23	38
31-85-0578	2436036	564864	9-67	3	305	15,350	4.90	752	16	11,383	4.84	551	9-72	41	452	.07	28	42
31-85-0578	2448440	539742	2-68	3	304	15,107	4.87	735	18	11,810	4.69	554	11-72	42	604	.09	37	56
31-85-0578	2448449	539742	2-68	3	305	12,627	5.13	648	16	11,460	4.77	547	4-73	42	348	.10	27	37
31-85-0578	2449693	566122	9-66	3	305	15,366	4.39	675	29	11,733	4.72	554	2-73	35	676	-.09	21	45
31-85-9141	2277961	550942	5-64	5	302	13,558	4.67	633	78	10,424	4.76	496	1-73	44	552	-.01	24	43
31-85-9141	2290090	549588	11-64	6	302	14,130	4.24	599	76	10,128	4.78	484	8-72	44	584	-.09	17	38
31-85-9141	2405939	562683	1-67	3	305	15,437	5.14	793	40	12,083	4.97	601	6-72	37	568	.13	40	57
31-85-9141	2405941	569288	1-67	4	305	17,122	4.65	797	55	11,955	4.94	590	5-72	40	912	-.03	39	70
31-85-9141	2447299	553667	5-68	2	305	13,880	4.67	648	84	10,740	4.67	502	1-73	40	444	.04	25	39
31-85-9141	2456458	572629	5-68	2	305	13,890	4.69	652	73	10,210	4.80	490	3-72	29	525	.01	25	42
31-85-9141	2467213	572629	6-68	2	305	14,195	4.87	692	73	10,235	4.81	492	9-72	29	560	.04	30	48
31-85-9141	2475945	553667	2-69	2	305	14,875	5.26	782	87	10,420	4.82	502	7-72	40	570	.11	38	55
31-85-9141	2481108	573071	12-68	2	305	14,665	4.64	681	90	10,605	4.71	500	11-72	29	592	.01	28	48
31-85-9141	2490549	550942	3-69	2	305	13,795	4.90	676	92	10,610	4.72	501	12-72	40	481	.02	24	40
31-87-0030	2388082	539742	1-67	3	305	12,640	5.11	646	5	10,593	4.68	496	9-72	42	430	.12	32	44
31-87-0030	2447756	553667	1-68	2	305	15,190	5.29	804	7	11,340	4.73	536	11-71	40	528	.13	38	53
31-88-0012	2425301	539742	10-67	4	304	13,210	5.00	661	10	11,813	4.78	565	11-72	43	392	.09	28	39
31-88-0012	2559434	572627	1-71	1	305	17,370	4.14	719	12	13,550	3.96	536	2-73	26	456	.01	22	37
32-01-9041	2456834	539742	11-67	4	296	13,853	4.10	568	16	10,793	4.67	504	12-72	43	574	-.04	22	42
32-02-9711	2491663	552896	2-69	3	305	13,560	4.60	624	17	10,520	4.71	496	3-73	42	700	-.02	30	54
32-02-9711	2500847	553667	5-69	2	305	13,650	4.64	633	23	9,940	4.78	475	10-72	40	485	.04	26	42
32-02-9711	2517041	573316	2-70	2	305	12,470	5.28	659	19	10,440	4.81	502	3-73	32	347	.10	26	36
32-06-0322	2374645	533769	8-66	4	305	13,665	4.61	630	28	9,098	4.91	447	1-73	44	724	-.09	23	49
32-06-0322	2435658	572924	1-68	3	289	13,076	4.51	590	17	9,250	4.88	451	4-72	32	608	-.05	23	44
32-06-0322	2435659	572924	1-68	4	292	12,560	4.47	561	22	9,210	4.92	453	1-73	34	571	-.06	20	40
32-06-0322	2465937	572924	3-68	3	300	11,560	4.88	564	14	8,926	4.84	432	5-72	32	438	.02	22	36
32-06-0322	2465939	572924	4-68	3	305	12,436	4.72	587	12	8,876	4.79	425	7-72	32	562	.00	26	45
32-06-0322	2491142	572924	1-69	2	305	12,565	4.98	626	23	9,995	4.85	485	12-72	29	424	.02	22	36
32-06-0763	2115307	545319	9-61	8	303	14,421	4.78	689	26	10,397	4.74	493	7-72	38	642	.04	34	55
32-06-0763	2414013	565478	3-67	4	305	14,088	4.20	592	19	10,175	4.70	478	3-73	33	546	-.08	16	36
32-06-0763	2557573	552896	7-70	1	302	11,790	4.90	578	37	10,440	4.70	491	8-72	35	478	.01	23	39
32-06-9762	2522316	552896	2-70	2	305	15,605	4.44	693	43	9,265	4.57	423	12-72	40	977	-.03	42	75
32-11-0960	2497082	552896	10-68	3	301	12,186	4.95	603	11	10,466	4.68	490	2-73	42	545	.04	29	46
32-12-0044	2448211	572667	3-68	2	305	12,130	4.43	537	17	8,480	4.68	397	8-71	29	577	-.05	21	41
32-12-0044	2536370	572667	8-69	2	293	11,840	4.38	518	14	8,485	4.71	400	8-72	29	542	-.05	19	38
32-12-0044	2536375	572667	10-69	2	286	14,075	3.95	556	14	8,485	4.71	400	8-72	29	812	-.13	23	52
32-12-0044	2561445	572667	7-70	1	305	12,270	4.44	545	12	7,370	4.86	358	11-72	23	584	-.05	21	41
32-17-0320	2316966	562270	10-64	6	305	14,893	5.10	759	27	10,150	4.94	501	8-72	35	731	.09	43	66
32-17-0320	2491550	552896	3-69	2	305	12,750	4.89	623	19	10,510	5.00	526	6-72	40	585	-.01	26	46
32-17-0320	2491551	552896	2-69	2	305	11,710	5.27	617	29	10,465	5.00	523	10-72	40	482	.04	26	41
32-17-0320	2516036	552896	9-69	2	305	12,550	5.24	657	29	10,465	5.00	523	10-72	40	568	.04	30	48

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	.HERDMATE AVERAGE... NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	REPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
32-17-0320	2516039	552896	9-69	2	305	12,955	4.65	603	30	10,480	5.00	524	11-72	40	608	-.03	25	$ 46
32-17-0320	2516042	552896	10-69	1	305	14,610	4.52	660	30	9,960	4.97	495	9-72	35	720	-.04	29	54
32-17-0320	2525724	552896	11-69	2	303	12,755	4.77	608	18	11,455	4.96	568	2-73	40	508	-.01	22	39
32-17-0320	2525726	552896	11-69	1	305	12,340	5.13	633	30	9,960	4.97	495	9-72	35	549	.02	27	45
32-17-0323	2473995	552896	12-68	2	305	15,015	4.53	680	32	10,795	4.65	502	11-71	40	792	-.02	34	61
32-17-0323	2473996	552896	12-68	2	305	15,875	5.10	810	16	11,870	4.70	558	4-72	40	792	.06	43	68
32-17-0323	2473998	552896	10-68	3	299	12,910	5.11	660	31	10,766	4.64	500	9-72	42	601	.06	34	53
32-17-0323	2473999	552896	7-68	3	302	12,036	4.69	564	20	10,873	4.60	500	7-72	42	490	.00	23	39
32-17-0323	2491660	570144	4-69	2	305	15,660	4.16	651	14	11,620	4.82	560	5-72	29	606	-.11	16	38
32-17-0323	2491661	552896	1-69	3	305	15,353	4.27	656	23	11,250	4.72	531	1-73	42	841	-.07	31	60
32-17-0323	2519070	552896	3-70	1	305	13,660	4.33	592	20	11,280	4.63	522	7-72	35	569	-.04	22	42
32-17-0323	2551218	552896	11-70	1	305	12,260	5.15	632	28	10,990	4.66	512	9-72	35	481	.04	26	41
32-17-9533	2314864	562270	1-65	6	303	15,773	4.38	691	22	12,568	4.63	582	2-72	35	572	-.03	23	43
32-17-9533	2339402	565285	11-65	5	304	14,288	4.71	673	20	12,124	4.73	573	2-72	36	494	.00	23	39
32-17-9533	2346804	565285	3-66	4	305	17,610	4.57	805	25	12,383	4.61	571	6-72	35	927	.00	42	73
32-17-9533	2446429	552896	5-68	3	304	13,786	4.84	667	22	12,306	4.64	571	7-72	42	560	.02	28	46
32-17-9533	2461805	574163	10-68	3	303	15,590	4.91	766	16	12,970	4.63	600	3-73	32	372	.11	29	39
32-17-9533	2499869	575141	6-69	1	305	15,270	5.11	780	21	12,900	4.70	606	4-72	24	388	.06	24	36
32-19-0241	2490442	552896	7-68	3	305	11,746	5.74	674	8	10,360	4.94	512	11-72	42	503	.11	35	50
32-20-0334	2350855	567825	7-65	5	284	13,744	4.05	557	7	10,048	4.63	465	6-72	32	581	-.11	15	36
32-20-0547	2562368	552896	11-70	1	305	13,790	4.71	650	18	11,690	4.71	551	12-72	35	554	.00	25	43
32-20-0547	2565539	552896	11-70	1	292	14,140	4.46	630	20	11,370	4.82	548	11-72	35	600	-.03	24	45
32-20-0915	2411789	565239	10-66	5	302	13,742	4.53	622	21	10,028	4.79	480	2-73	32	583	-.03	23	43
32-20-0915	2428473	549588	3-67	5	305	14,056	4.89	687	22	10,300	4.72	486	2-73	44	556	.02	28	46
32-20-9215	2176532	528424	10-62	8	303	13,841	4.28	593	17	10,824	4.75	514	6-72	44	534	-.06	18	37
32-20-9215	2492421	553667	12-68	2	305	14,485	4.59	665	24	11,205	4.69	525	3-72	40	467	.03	25	40
32-20-9218	2412418	539742	11-66	5	305	12,498	5.26	657	21	9,900	4.90	485	1-73	44	506	.12	36	51
32-20-9218	2444831	569768	12-67	2	305	14,370	4.45	639	16	8,965	4.81	431	12-71	29	724	-.03	30	55
32-20-9218	2487214	569768	11-68	2	305	11,960	5.14	615	15	8,870	4.84	429	4-72	29	442	.06	27	41
32-20-9218	2503761	569768	2-69	2	305	13,000	5.11	664	11	9,010	4.73	426	5-72	29	554	.07	33	50
32-20-9240	2287097	552292	9-64	5	305	14,098	4.67	658	17	10,796	4.58	494	8-72	36	604	.01	29	49
32-20-9284	2229430	543347	4-63	6	305	12,877	6.28	809	22	9,902	4.74	469	10-72	36	358	.37	56	62
32-20-9321	2181012	550311	4-62	8	305	14,879	5.11	760	15	10,820	5.00	541	9-72	35	744	.07	42	65
32-20-9321	2250730	557659	12-63	6	305	14,462	4.63	670	20	11,343	4.97	564	9-72	32	530	-.04	20	38
32-20-9321	2288683	549588	2-65	5	305	15,132	4.66	705	12	11,656	4.92	574	5-72	44	555	-.04	21	40
32-20-9321	2345023	549588	12-65	4	305	13,415	5.46	733	13	11,227	4.98	559	12-71	43	363	.08	25	36
32-20-9534	2335089	562996	12-64	6	305	14,937	4.94	738	24	11,827	5.12	606	7-72	36	657	.02	32	54
32-20-9534	2356151	539742	11-65	4	296	17,385	4.96	862	19	12,090	5.14	621	12-72	43	884	.06	47	75
32-20-9534	2375616	568005	3-66	4	305	16,020	4.48	718	21	11,555	5.21	602	3-72	30	720	-.10	22	48
32-20-9534	2382379	562996	2-65	6	305	14,850	5.00	743	19	11,478	5.19	596	2-73	36	686	.02	34	56
32-20-9534	2532013	547583	1-70	2	298	15,590	5.11	796	22	12,130	5.04	611	12-72	39	366	.12	30	40
32-20-9559	2173073	551558	3-62	8	294	13,696	4.99	684	20	11,278	5.03	567	10-72	36	521	.01	25	42
32-20-9559	2344373	553668	1-63	4	305	13,893	4.88	678	24	10,748	4.88	524	11-72	32	460	.04	25	40
32-20-9559	2391903	541009	9-66	5	287	14,474	5.00	723	18	11,302	5.09	575	2-73	44	395	.06	25	37
32-20-9559	2392532	562996	8-64	6	292	14,265	5.24	747	22	11,613	4.95	575	1-73	36	582	.10	37	55
32-20-9761	2174868	551351	10-62	6	304	15,903	4.46	710	10	11,753	5.03	591	1-72	35	648	-.08	21	44
32-20-9761	2242610	545231	11-63	6	301	12,758	5.24	669	9	10,871	4.99	543	10-71	38	362	.08	25	36
32-20-9761	2443220	572921	2-68	2	305	14,340	5.36	768	6	11,415	4.97	567	8-72	25	400	.09	28	40
32-20-9773	2186253	475595	9-62	7	305	12,880	4.87	627	13	9,741	5.15	502	4-72	44	667	.02	33	55
32-20-9773	2235174	529773	11-63	4	305	13,498	5.26	710	14	9,678	5.14	497	8-72	43	516	.11	36	51
32-20-9921	2215480	531527	5-63	6	305	16,703	5.75	961	15	10,688	5.01	536	2-73	40	773	.28	66	87
32-20-9921	2282667	560029	9-64	5	305	13,548	4.95	670	5	9,964	5.06	504	7-72	36	585	.02	29	48
32-20-9922	1920083	460803	12-58	6	300	14,647	5.52	808	22	12,457	5.29	659	1-72	42	389	.13	32	43
32-20-9922	2172262	528424	8-62	7	305	19,903	4.89	973	27	12,777	5.28	675	9-72	44	1,121	.00	51	88
32-20-9922	2212589	528754	3-63	6	303	16,380	5.74	941	25	13,106	5.24	687	1-73	44	765	.24	61	82
32-20-9922	2308820	549588	12-64	6	305	17,480	4.90	857	32	12,953	5.31	688	12-72	44	726	-.04	29	54
32-20-9922	2309086	533769	5-64	5	305	15,974	4.38	699	23	11,756	4.89	575	7-72	44	769	-.14	20	48
32-20-9922	2333023	529773	7-65	5	304	14,630	5.26	769	18	12,452	5.08	633	8-72	44	395	.12	31	42
32-20-9922	2343596	566443	12-65	4	305	15,897	5.04	802	25	13,125	5.26	691	7-72	35	652	.02	32	53
32-20-9922	2360747	528754	11-65	5	294	15,452	5.35	826	21	12,104	5.07	614	7-72	44	749	.17	53	75
32-20-9922	2450572	569039	2-68	3	305	18,120	5.09	923	21	13,646	5.19	708	2-73	34	605	.05	33	52
32-20-9922	2545211	566443	11-69	1	305	18,740	5.08	952	36	14,410	5.18	747	11-71	26	654	.04	34	55
32-20-9922	2547711	537680	11-69	2	305	17,755	4.59	815	27	14,365	5.21	749	1-73	40	675	-.05	25	48
32-20-9922	2550072	576264	7-70	1	305	18,870	5.19	979	23	13,840	5.06	700	11-72	19	547	.05	31	48
32-20-9922	2551671	566443	9-70	1	305	15,260	5.48	837	20	13,610	5.17	704	7-72	26	407	.08	27	39
32-20-9926	2223371	537977	9-63	6	305	12,291	4.49	552	14	9,091	4.86	442	6-72	37	484	-.02	20	36
32-20-9926	2458757	553667	8-68	3	305	16,480	5.01	826	16	10,386	4.78	496	3-73	42	815	.10	48	73
32-20-9926	2530233	572639	2-70	1	305	13,240	4.65	615	14	10,740	4.70	505	1-73	27	449	.02	23	38
32-20-9926	2598342	546331	3-68	1	305	14,620	4.16	608	19	10,190	4.74	483	11-72	36	492	-.02	20	37
32-20-9927	2424645	553667	8-67	3	303	14,230	4.36	620	16	11,010	4.81	530	5-72	42	499	-.02	21	38
32-20-9927	2485302	568518	3-69	2	305	14,490	4.36	634	24	10,495	4.95	520	9-72	29	565	-.10	15	36
32-20-9927	2511810	553667	8-69	2	305	13,755	5.47	752	10	11,690	4.82	563	4-73	40	394	.14	31	40
32-20-9961	2305827	555391	4-64	6	305	15,723	4.65	731	9	11,101	4.98	553	8-72	42	528	.02	26	43
32-25-0214	2374489	567690	11-66	4	303	14,248	4.00	570	18	10,573	4.38	463	4-72	35	604	-.13	14	36
32-25-9482	2318399	556035	8-62	6	305	16,392	5.19	850	24	12,087	4.80	580	6-72	35	708	.12	46	67
32-25-9482	2421254	568055	10-67	4	304	16,630	4.76	791	20	13,475	4.85	653	3-73	36	630	-.01	28	49
32-25-9482	2457165	553667	10-67	4	305	16,887	4.56	770	25	12,450	4.72	588	10-72	44	711	.01	34	57
32-25-9482	2457436	573568	7-68	2	305	17,780	4.38	779	30	12,860	4.70	604	9-72	25	689	-.05	26	50
32-25-9482	2479499	558740	10-68	2	305	15,240	4.59	699	34	12,570	4.73	594	6-72	38	407	.04	23	36
32-25-9482	2486419	553667	11-68	2	305	16,775	4.85	813	24	13,240	4.88	646	4-72	40	534	.05	30	47
32-25-9482	2495188	575819	7-69	1	305	18,630	4.66	869	22	14,620	4.83	706	2-72	24	632	.02	31	52
32-25-9482	2495959	558740	6-69	2	303	16,240	4.97	807	17	14,210	4.75	675	2-73	38	374	.09	27	38
32-25-9482	2502181	558740	7-69	2	305	17,605	4.66	820	13	14,080	4.63	652	12-72	38	529	.05	30	47
32-25-9482	2518183	553667	10-69	2	305	15,790	5.20	821	17	14,080	4.80	676	12-72	40	366	.11	28	37
32-27-0111	2251779	549235	1-64	5	261	15,018	4.35	654	19	10,926	4.64	507	2-72	44	762	-.13	21	/

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
32-27-0111	2370886	533769	7-66	3	305	15,780	4.37	690	24	12,753	4.63	591	8-72		42	599	-.12	15	$ 37
32-27-0111	2414283	572153	9-67	2	305	15,070	4.72	712	20	11,295	4.67	528	10-71		30	943	.04	48	79
32-27-0111	2446945	572153	11-67	3	305	15,670	4.66	730	16	10,643	4.54	483	11-72		33	1,130	.05	57	94
32-27-0111	2446947	572153	1-68	2	305	14,565	4.99	727	22	11,560	4.64	536	10-71		30	858	.09	49	76
32-27-0111	2446956	572153	1-68	3	303	15,436	4.85	740	15	10,776	4.50	485	8-72		33	1,085	.08	59	94
32-27-0111	2471442	572153	8-68	1	305	13,060	4.26	557	11	9,440	4.31	407	8-72		24	813	.02	39	66
32-27-0111	2486888	572153	10-68	2	305	11,590	4.72	547	12	9,435	4.31	407	6-72		30	706	.07	40	62
32-27-0111	2486891	572153	1-69	2	305	13,675	4.37	597	12	9,605	4.45	427	10-72		30	938	.01	44	75
32-27-0111	2486893	572153	8-68	2	305	16,095	4.64	747	9	9,615	4.37	420	10-72		30	1,225	.05	62	102
32-27-0111	2486894	572153	8-68	2	293	13,250	4.48	593	12	9,455	4.40	416	7-72		30	902	.02	44	74
32-27-0111	2486895	572153	11-68	2	305	12,795	4.44	568	12	9,300	4.43	412	8-72		30	862	.02	42	70
32-27-0111	2486896	572153	10-68	2	299	13,540	4.41	597	12	9,430	4.32	407	7-72		30	939	.03	46	77
32-27-0111	2522712	572153	7-69	1	276	13,180	4.45	587	11	9,440	4.31	407	8-72	B	24	824	.03	41	68
32-27-0111	2522713	572153	7-69	1	305	14,750	4.62	682	11	9,750	4.26	415	7-72		24	941	.05	49	79
32-27-0111	2522715	572153	10-69	1	305	14,540	4.60	669	11	9,750	4.26	415	7-72		24	923	.05	48	78
32-27-0111	2522716	572153	2-70	1	305	15,890	4.98	792	11	9,750	4.26	415	7-72		24	1,043	.10	59	92
32-27-0111	2522719	572153	4-69	1	305	13,860	3.98	552	11	9,750	4.26	415	7-72		24	862	-.01	38	67
32-27-0111	2523678	572153	7-69	1	305	14,220	4.52	643	11	9,440	4.31	407	8-72		24	916	.04	46	76
32-27-0111	2523681	572153	10-69	1	267	14,050	4.42	621	10	9,320	4.30	401	10-72	A	24	910	.03	45	75
32-27-0111	2524673	572153	12-69	1	305	12,360	4.22	521	9	9,460	4.31	408	9-72		24	749	.01	35	60
32-27-0111	2526487	572153	1-70	1	305	20,220	4.77	964	9	9,820	4.21	413	5-72		24	1,423	.07	74	120
32-27-0111	2560391	572153	7-70	1	305	12,850	4.68	601	11	9,440	4.31	407	8-72		24	794	.06	43	68
32-27-0481	2417000	553667	6-67	3	305	13,263	4.40	583	16	10,050	4.77	479	5-72		42	476	-.01	21	37
32-27-0481	2521353	574830	9-69	1	305	15,210	5.08	772	12	10,100	4.60	465	4-72		24	421	.09	29	41
32-27-0481	2551145	572153	10-70	1	305	12,900	4.22	545	18	10,350	4.53	469	1-73		24	734	-.01	33	58
32-27-0481	2551147	572153	10-70	1	305	11,900	4.45	530	17	10,440	4.52	472	2-73		24	639	.02	32	53
32-27-0481	2563236	572153	1-71	1	305	12,420	4.55	565	17	10,440	4.52	472	2-73		24	685	.03	35	57
32-30-0534	2253783	557836	9-63	6	305	13,168	4.34	571	14	9,900	4.54	449	3-72		35	511	-.03	20	38
32-30-0534	2349480	567336	9-65	5	304	11,970	4.22	505	12	9,810	4.48	439	5-72		39	597	-.10	17	39
32-30-0534	2373197	568798	3-66	5	305	13,716	4.31	591	10	9,506	4.56	433	2-73		32	645	-.04	25	47
32-30-0763	2358383	533769	7-66	3	300	14,237	4.50	640	11	9,953	4.55	453	9-72		42	679	-.08	22	46
32-32-0535	2519796	576296	10-69	1	305	14,940	4.59	686	56	10,510	4.58	481	8-72		23	593	.01	28	48
32-32-0535	2537535	576296	5-70	1	305	16,050	4.30	690	51	10,620	4.62	491	9-72		23	686	-.04	27	51
32-32-0535	2537560	566949	7-70	1	305	15,660	4.42	692	35	11,010	4.69	516	12-72		26	545	-.04	21	40
32-32-9534	2365072	563711	6-66	4	293	13,457	4.94	665	56	10,692	4.46	477	3-72		36	461	.09	31	45
32-32-9534	2369524	533769	4-66	4	297	14,240	4.44	632	58	10,335	4.52	467	10-72		44	673	-.09	21	45
32-32-9534	2369525	533769	7-66	3	305	15,710	4.35	683	68	10,337	4.55	470	9-72		42	813	-.11	25	54
32-32-9534	2400913	558030	12-66	3	305	14,110	4.59	648	62	10,703	4.47	478	11-72		34	424	.05	25	38
32-32-9534	2462657	568619	10-68	2	305	15,155	4.23	641	55	10,975	4.54	498	9-72		31	704	-.07	25	50
32-32-9534	2488375	568619	11-68	2	305	15,460	4.40	681	55	11,065	4.52	500	6-72		31	732	-.03	30	55
32-32-9534	2493813	568619	11-68	2	305	15,340	4.86	745	59	11,055	4.52	500	6-72		31	719	.04	37	60
32-32-9534	2519800	566949	10-69	2	303	14,335	4.70	674	45	11,060	4.44	491	2-73		32	517	.02	26	43
32-32-9534	2537533	566949	4-70	1	305	15,190	4.40	668	59	11,300	4.54	513	5-72		26	484	-.03	19	36
32-32-9534	2556917	576296	9-70	1	305	14,910	4.19	625	57	10,700	4.48	479	1-73		23	577	-.04	22	42
32-32-9534	2565552	568619	4-69	2	295	13,635	5.02	685	54	10,740	4.53	487	11-72		31	549	.06	32	49
32-33-9041	2198513	506243	2-63	7	303	12,913	4.83	624	24	10,817	4.72	511	7-72		44	431	.02	22	36
32-33-9041	2389993	569078	7-66	3	305	15,757	4.87	767	31	12,163	4.67	568	7-72		29	568	.06	32	50
32-33-9041	2457155	562979	7-66	3	305	15,060	4.73	712	32	12,180	4.68	570	5-72		34	451	.01	22	37
32-33-9041	2457158	533769	2-66	4	254	15,593	4.44	693	20	12,683	4.67	592	3-73	A	44	608	-.11	16	38
32-33-9041	2527556	567336	6-70	1	305	14,500	5.03	730	23	12,140	4.86	590	10-72		28	577	-.03	23	43
32-34-0104	2343406	564726	8-65	5	305	15,222	4.65	708	14	10,688	4.81	514	3-73		35	743	-.01	33	58
32-34-0104	2381419	564726	9-66	5	291	14,314	4.46	638	15	11,014	4.81	530	3-73		35	567	-.06	20	40
32-34-0104	2562398	558947	12-70	1	305	17,960	4.16	748	17	10,880	4.66	507	12-72		35	512	-.02	21	38
32-34-0651	2190861	551089	2-63	7	254	12,774	4.72	603	12	9,790	4.78	468	5-72	A	35	452	.02	23	38
32-35-0763	2482847	552896	8-68	3	301	13,040	4.43	578	30	9,430	4.51	425	9-72		42	741	-.02	32	57
32-35-0763	2482852	575682	3-69	3	286	12,683	4.61	585	25	9,150	4.48	410	11-72		34	635	-.01	28	49
32-35-0763	2514103	575682	3-70	1	305	12,040	4.75	572	5	8,990	4.35	391	5-72		26	466	.01	22	37
32-36-0650	2523815	570480	10-69	2	290	13,435	4.51	606	12	9,950	4.58	456	1-73		29	490	-.03	19	36
32-38-0442	2471714	567855	3-68	3	302	14,173	4.35	616	10	10,266	4.45	457	3-73		32	506	-.01	22	39
32-38-0652	2261180	546396	11-63	6	268	13,450	4.51	606	16	11,092	4.82	535	10-72		40	491	-.02	20	37
32-38-0652	2322074	475595	8-64	5	300	13,106	4.38	574	18	10,694	4.72	505	6-72		44	597	-.02	25	45
32-38-0652	2454850	511244	10-67	2	305	14,715	4.86	715	17	11,435	4.78	547	4-72		40	513	-.03	20	38
32-38-0652	2509673	580270	8-69	2	292	16,600	4.42	734	15	11,325	4.87	551	11-72		25	695	-.05	26	50
32-38-9282	2360387	567348	9-65	5	305	13,916	4.71	656	20	10,918	4.90	535	1-72		32	498	-.01	22	39
32-41-0652	2362584	550942	9-65	6	305	16,352	4.30	703	19	9,710	4.57	444	3-73		44	991	-.07	38	72
32-41-0763	2432803	556020	10-67	3	305	14,673	5.08	746	8	11,190	4.68	524	11-72		42	426	.09	29	42
32-43-9531	2152613	539742	2-62	8	305	17,015	5.28	898	18	12,863	4.93	634	7-72		44	787	.14	52	76
32-43-9531	2249954	539742	9-63	8	305	14,291	5.06	723	22	12,918	4.97	642	3-73		44	425	.09	29	42
32-43-9531	2269037	539742	12-63	5	303	14,844	4.63	687	23	12,628	5.00	632	6-72		44	528	.01	25	42
32-43-9531	2293759	539742	11-64	5	305	15,076	4.28	646	22	12,924	4.95	640	5-72		44	527	-.05	19	37
32-43-9531	2293768	562038	2-65	6	302	15,373	5.14	790	26	12,493	5.07	633	2-73		36	501	.06	29	45
32-43-9531	2389606	539742	11-66	3	305	13,607	5.00	681	22	12,033	5.09	612	6-72		42	408	.06	25	38
32-43-9531	2438908	562038	10-67	3	299	14,930	4.81	718	25	11,610	5.25	610	10-72		34	486	-.03	19	36
32-43-9531	2464906	570185	4-68	3	305	14,500	5.25	761	19	11,630	5.08	591	1-73		33	342	.12	28	37
32-43-9531	2523290	539742	12-69	1	305	15,410	4.70	725	22	11,170	5.38	601	6-72		35	536	.01	26	44
32-43-9542	2342757	539742	9-65	5	305	13,758	5.07	697	8	12,604	4.83	609	3-72		44	389	.11	29	40
32-43-9542	2354914	566527	1-66	6	304	15,500	4.59	712	15	12,670	4.89	620	1-73		32	526	-.04	20	38
32-43-9542	2361949	539742	10-65	6	305	13,958	4.91	686	8	12,665	4.81	609	2-73		44	408	.08	27	39
32-43-9542	2368595	539742	9-65	5	283	13,290	5.46	726	9	12,230	4.86	594	2-73		44	367	.16	34	43
32-43-9542	2389352	539742	10-66	4	301	15,445	4.56	705	9	12,483	4.82	602	2-73		43	603	.02	30	50
32-44-0280	2185144	463153	10-62	5	248	12,110	5.09	616	28	11,106	4.95	550	1-72		43	435	.02	22	36
32-44-0280	2416362	539742	10-66	5	298	13,656	4.75	649	8	12,382	4.69	581	11-72		44	398	.06	25	37
32-44-0325	2319316	528424	12-64	6	305	13,433	4.86	653	12	10,807	4.90	530	6-72		44	483	.02	24	40
32-44-0325	2530289	553667	1-68	3	305	14,600	4.36	637	6	11,116	4.79	532	3-73		42	532	-.02	22	40
32-44-0961	2356533	539742	1-66	5	303	11,662	5.00	583	8	9,870	4.82	476	3-73		44	400	.09	28	40

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT (%)	COW MILK (LB)	INDEX..... FAT (%)	FAT (LB)	DOL-LARS
32-44-9446	2271898	555445	5-64	5	305	12,526	4.62	579	12	9,730	4.51	439	1-73	32	428	.02	22	$ 36
32-48-0651	2502558	558793	10-69	2	296	13,630	4.71	642	9	10,670	4.47	477	10-72	38	430	.05	25	38
32-49-9590	2343745	511244	3-65	6	304	16,063	4.94	793	32	12,785	4.71	602	8-72	44	637	.00	29	50
32-49-9590	2343762	511244	9-65	5	295	16,520	4.19	692	20	12,164	4.71	573	6-72	44	762	-.15	19	47
32-49-9590	2426798	557836	9-66	4	300	15,410	4.80	740	38	12,637	4.71	595	2-72	34	498	.04	27	43
32-49-9590	2426804	539742	9-66	4	305	16,245	4.42	718	39	12,740	4.65	593	3-72	43	677	.01	32	54
32-49-9590	2426836	557836	10-67	3	305	17,836	4.15	741	43	12,456	4.71	587	10-72	32	815	-.10	26	55
32-49-9590	2447671	539742	12-67	4	302	16,560	4.86	805	36	12,900	4.65	600	2-73	43	701	.09	42	64
32-49-9590	2492909	528424	2-69	2	305	15,440	4.99	770	44	12,280	4.70	577	9-72	40	498	.06	29	45
32-50-0164	2338950	528424	10-65	5	296	12,550	4.84	608	6	9,828	4.78	470	7-72	44	470	.03	25	40
32-50-0164	2400411	568803	10-66	4	305	12,525	5.07	635	5	10,270	4.61	473	4-73	33	367	.08	25	36
32-50-9161	2258910	546396	10-63	6	305	17,285	4.07	703	8	11,677	4.64	542	3-72	40	959	-.10	33	67
32-50-9161	2305521	555391	12-63	6	304	17,808	4.44	790	9	12,050	4.69	565	1-73	42	708	.00	33	56
32-50-9161	2305522	546396	3-64	6	303	14,347	4.52	649	10	12,245	4.60	563	4-72	40	488	.01	23	39
32-57-0449	2360159	539742	9-65	5	290	11,898	4.61	549	12	9,892	4.52	447	5-72	44	429	.06	26	39
32-57-0449	2516488	577245	10-69	2	305	14,525	4.85	704	10	11,285	4.54	512	12-72	28	429	.08	28	41
32-57-0449	2540664	574020	4-70	1	295	16,320	4.25	693	18	11,250	4.66	524	10-72	35	550	-.08	17	37
32-57-0652	2486516	576351	7-68	3	305	14,857	4.42	657	5	11,743	4.62	542	1-73	29	487	-.03	19	36
32-57-9241	2286545	549235	7-64	6	305	16,122	4.56	735	8	12,167	4.77	580	8-72	44	777	-.11	24	52
32-57-9241	2306844	549235	1-65	6	305	14,963	4.17	624	10	11,605	4.77	554	1-73	44	685	-.18	12	38
32-57-9241	2384688	533769	11-66	4	305	15,688	4.54	713	9	11,813	4.83	570	2-72	44	706	-.10	21	46
32-57-9241	2424164	549235	/-67	3	305	14,897	4.55	678	9	12,053	4.77	575	7-72	42	594	-.11	15	37
32-57-9241	2473668	573574	10-68	2	305	17,335	4.47	775	17	12,225	4.68	572	1-73	38	469	.01	23	38
32-57-9241	2523327	575666	4-70	1	305	14,480	4.32	625	10	12,330	4.66	575	7-72	29	653	-.12	17	41
32-57-9482	2223237	527002	11-62	7	303	15,279	4.32	660	12	11,599	4.42	513	6-72	43	480	-.01	21	37
32-57-9482	2431756	553667	7-67	4	305	15,867	4.23	671	6	12,492	4.46	557	1-73	44	581	-.02	25	45
32-57-9482	2437636	556020	12-67	3	305	16,583	4.73	785	9	11,547	4.58	529	12-72	42	615	.04	33	53
32-57-9482	2533465	553667	11-69	1	305	16,190	4.08	661	11	10,380	4.43	460	7-72	36	557	-.01	25	44
32-57-9482	2578796	558740	10-70	2	232	15,830	4.83	764	8	12,815	4.69	601	2-73	38	448	.08	29	43
32-57-9901	2186254	555391	10-62	8	304	15,945	4.75	757	20	12,276	4.81	590	2-73	42	431	.06	26	39
32-57-9901	2261530	528754	11-63	5	305	13,198	5.46	720	11	11,734	4.79	562	12-72	44	493	.21	45	58
32-57-9901	2307770	528754	3-63	6	303	14,210	4.54	645	10	12,833	4.73	607	3-73	44	511	.06	30	46
32-57-9901	2312414	528754	7-65	3	295	15,293	5.49	839	14	12,063	4.80	579	8-72	42	692	.22	56	75
32-57-9901	2312415	528754	7-65	3	305	14,590	4.51	658	22	12,140	4.65	564	10-72	42	603	.08	36	55
32-57-9901	2326803	528754	7-65	5	303	14,922	4.96	740	13	12,070	4.76	575	3-72	44	683	.13	46	66
32-57-9901	2332587	528754	3-65	3	305	14,176	4.96	703	9	12,743	4.75	605	3-72	42	499	.14	38	52
32-57-9901	2339183	528754	9-65	6	270	13,503	4.92	665	6	12,425	4.77	593	4-73	44	461	.13	35	48
32-57-9901	2374452	528754	9-66	4	305	13,537	4.85	656	10	12,390	4.71	584	4-72	43	464	.12	34	47
32-57-9901	2379374	528754	1-65	5	305	16,056	4.59	737	22	11,642	4.71	548	11-72	44	876	.08	49	77
32-57-9901	2399859	528754	4-67	3	305	15,670	5.00	784	10	12,536	4.74	594	4-72	42	692	.15	48	68
32-57-9901	2423492	528754	1-66	5	302	14,724	4.80	707	20	11,478	4.68	537	9-72	44	719	.12	46	68
32-57-9901	2434210	528754	9-67	3	305	13,580	4.37	593	18	12,053	4.64	559	9-72	42	493	.06	29	44
32-57-9901	2435276	528754	7-67	4	302	14,905	5.02	748	8	13,592	4.77	648	3-73	43	514	.14	39	54
32-57-9901	2461674	572996	6-68	3	303	16,916	4.63	784	20	13,243	4.81	637	11-72	32	536	-.01	24	42
32-57-9901	2463815	528754	11-64	4	305	15,597	5.26	820	20	12,240	4.71	577	1-73	43	735	.19	55	76
32-57-9901	2535263	010016527	3-69	2	305	16,560	5.07	839	29	12,025	4.73	569	8-72	33	818	.07	45	71
32-61-0820	2405339	533769	10-66	4	305	12,963	4.49	582	11	9,168	4.56	418	3-73	44	630	-.08	20	42
32-68-0540	2506932	546331	10-69	2	305	14,170	4.91	696	14	11,050	4.60	508	3-73	40	487	.07	30	45
32-68-0773	2565518	552896	7-70	1	285	11,140	5.16	575	9	9,020	4.69	423	11-72	35	515	.03	27	44
32-68-0773	2565519	552896	7-70	1	305	11,510	4.39	505	9	9,020	4.69	423	11-72	35	543	-.03	22	41
32-71-0537	2506035	552896	8-69	2	305	11,045	4.61	509	8	9,730	4.68	455	11-72	40	474	-.01	21	37
32-71-0537	2545308	552896	11-70	1	305	11,020	4.64	511	8	8,970	4.74	425	10-72	35	509	-.01	22	39
32-76-0960	2442673	553667	9-67	4	300	14,697	4.69	689	21	12,422	4.71	585	1-73	44	443	.04	25	39
32-76-0960	2491613	558237	12-68	3	300	16,770	4.56	765	18	12,390	4.79	594	4-73	42	755	-.12	22	49
32-76-0960	2503498	553667	5-69	2	294	15,210	4.71	717	27	12,405	4.82	598	11-72	40	443	.03	24	38
32-76-0960	2516546	553667	9-69	2	305	16,845	4.56	768	27	12,645	4.69	593	1-73	40	590	.03	30	49
32-82-9711	2457387	546626	2-68	3	244	14,943	5.10	762	7	12,370	4.69	580	1-73	42	347	.11	28	38
32-82-9711	2533471	553667	8-69	1	305	15,870	4.80	762	9	11,250	4.83	543	6-72	36	481	.05	27	42
32-85-0909	2392099	566443	9-66	3	305	12,723	4.50	572	6	10,746	4.60	494	12-71	34	456	.00	21	36
32-85-0909	2405240	566443	11-66	3	305	16,683	4.56	761	6	11,353	4.55	517	4-72	34	915	.01	43	73
32-85-0909	2405242	566443	11-66	4	285	13,515	4.18	565	6	11,080	4.65	515	2-72	35	547	-.07	18	37
32-85-0909	2414015	566443	2-67	3	287	14,860	4.63	688	7	9,663	4.41	426	8-72	34	853	.03	43	71
32-85-0909	2464144	566443	7-68	2	305	16,790	4.90	822	7	8,445	4.48	378	10-72	31	1,126	.07	60	96
32-89-0327	2487993	573131	10-68	3	296	13,637	4.63	632	10	10,053	4.80	483	2-73	32	585	.02	29	48
32-89-0327	2535702	573131	5-69	2	302	11,090	5.38	597	5	9,205	4.64	427	7-72	29	309	.13	28	36
32-89-0327	2535709	573131	10-68	2	305	13,345	5.00	667	10	10,465	4.70	492	1-73	29	460	.08	30	44
32-92-9531	2388562	546626	12-66	4	305	15,385	4.80	739	12	11,940	4.86	580	6-72	43	469	.05	27	42
32-92-9531	2388569	558366	11-66	4	305	16,113	4.49	723	14	11,548	4.93	569	5-72	33	858	-.07	32	62
32-92-9531	2459539	575519	9-68	3	293	13,866	5.13	712	26	11,193	5.03	563	11-72 H	33	559	.07	33	50
32-92-9531	2515172	575202	9-69	2	305	16,775	4.64	778	20	11,345	5.09	577	9-72	28	848	-.04	34	63
32-92-9531	2515175	575202	10-69	1	305	15,250	4.97	758	13	11,050	4.94	546	4-72	22	572	.02	28	47
32-92-9531	2537777	575202	9-70	1	305	14,710	4.81	707	18	10,580	4.95	524	8-72	22	557	-.01	25	44
32-92-9531	2537781	575666	5-70	1	305	14,110	4.76	671	29	11,340	5.01	568	9-72	29	688	-.09	22	46
32-92-9531	2537784	575202	7-70	1	305	15,170	4.61	699	18	10,580	4.95	524	8-72	22	598	-.03	24	44
32-92-9531	2537786	575202	7-70	1	305	13,360	5.34	713	18	10,580	4.95	524	8-72	22	434	.06	26	39
32-92-9531	2539496	575202	7-70	1	305	14,090	4.71	664	18	10,580	4.95	524	8-72	22	500	-.02	21	38
33-01-0211	2347965	566348	11-65	5	305	12,244	4.77	584	10	8,724	4.68	408	8-72	36	479	.04	26	41
33-01-0472	2475303	561468	11-68	2	305	13,270	3.96	525	7	8,125	4.65	378	2-73	39	733	-.22	10	38
33-01-0472	2498542	568984	8-69	1	305	14,100	4.33	610	8	8,560	4.52	387	4-72	19	495	-.03	20	37
33-01-0843	2525593	553667	10-69	1	305	15,460	5.32	823	16	10,780	4.98	537	2-73	36	479	.09	32	46
33-02-0515	2537507	574020	10-69	2	249	18,155	3.49	633	9	11,650	4.60	536	12-72 B	39	840	-.22	14	46
33-05-0525	2365353	537680	5-66	2	305	12,805	5.09	652	7	9,840	4.74	466	10-72	40	539	.06	31	48
33-05-0525	2507897	557482	12-69	2	304	15,585	4.57	713	7	11,405	4.87	555	1-73	40	592	-.06	21	42
33-09-0002	2434228	546331	12-67	3	305	14,233	4.33	617	5	9,693	4.81	466	8-72	42	658	-.03	27	49
33-09-0002	2434229	546331	12-67	4	304	13,088	4.28	560	8	9,615	4.69	451	3-73	44	558	-.03	22	41

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	CON'S RECS	CON'S DAYS	AVERAGE PRODUCTION MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
33-09-0141	2335932	562638	9-65	5	284	14,848	5.02	746	19	11,302	4.87	550	2-72		36	665	.06	37	$ 58
33-09-0141	2466417	511244	7-68	2	298	13,745	4.65	639	13	9,760	4.70	459	6-72		40	551	-.05	20	39
33-09-0352	2513697	552896	1-70	2	304	13,085	4.26	557	22	11,765	4.22	496	12-72		40	516	-.02	22	39
33-09-0352	2529994	561468	12-68	2	305	18,300	4.07	744	10	11,160	4.61	515	3-72		39	1,003	-.22	21	58
33-09-0352	2546008	537680	3-70	1	305	15,550	4.82	749	6	11,270	4.47	504	6-72		35	599	.04	32	51
33-11-0718	2526829	571506	2-70	2	305	12,590	4.75	598	11	9,710	4.44	431	3-73		36	505	.02	25	42
33-11-0910	2437344	537680	6-67	4	302	13,693	4.51	617	15	10,495	4.90	514	10-72		43	636	-.03	26	48
33-13-0473	2411616	557482	8-67	3	259	13,303	4.45	592	6	9,626	4.44	427	2-72	A	42	551	-.04	21	40
33-36-0512	2484453	571237	11-68	2	305	16,195	4.14	671	17	10,815	4.44	480	9-72		25	696	-.06	25	49
33-36-0512	2523641	575950	9-69	2	302	15,805	4.02	635	13	10,655	4.78	509	10-72		25	663	-.12	17	41
33-36-0512	2562307	561468	8-70	1	305	17,030	3.81	648	15	10,850	4.65	504	9-72		35	743	-.24	8	37
33-36-0512	2567340	553667	10-70	1	305	19,040	4.64	883	11	11,370	4.35	495	1-73		36	710	.06	39	62
33-36-0512	2572533	567336	3-71	1	305	15,600	3.49	545	9	11,980	4.32	517	3-73		28	680	-.17	13	39
33-36-0542	2353444	565651	7-65	5	304	13,594	4.19	570	8	9,768	4.40	430	11-72		32	592	-.06	21	42
33-36-0542	2353446	565651	1-66	6	302	12,795	4.68	599	12	9,575	4.43	424	10-72		32	490	.04	27	43
33-36-0846	2465737	558237	7-68	2	305	23,405	4.90	1147	8	12,460	4.73	589	1-72		40	1,362	-.04	58	104
33-36-0846	2518768	558237	6-69	2	273	18,295	3.95	723	9	13,180	4.57	602	3-73	A	40	782	-.20	14	44
33-36-0846	2530624	578228	4-70	1	305	16,960	5.18	878	6	13,720	4.10	563	6-72		19	375	.14	32	42
33-36-0846	2561109	573002	1-71	1	305	18,140	4.60	834	10	13,210	4.38	578	1-73		23	513	.00	24	41
33-36-0846	2561110	553667	1-71	1	305	15,540	5.02	780	5	13,290	4.14	550	4-73		36	335	.12	28	37
33-36-9143	2333180	502979	12-63	3	305	15,457	4.74	732	23	10,723	4.57	490	6-72		40	587	-.02	25	45
33-36-9143	2481706	561468	12-68	2	305	14,170	4.28	606	23	9,775	4.47	437	8-72		39	690	-.17	13	39
33-36-9143	2510269	569288	7-69	1	305	14,940	4.10	613	29	10,200	4.40	449	5-72		32	598	-.04	23	44
33-37-0510	2445372	537680	3-68	3	305	12,043	4.34	523	20	9,840	4.44	437	9-72		42	484	.00	22	38
33-37-0510	2468851	537680	7-68	3	304	12,670	4.29	544	13	10,320	4.34	448	1-73		42	512	.00	23	40
33-37-0510	2546597	557482	7-70	1	305	16,600	4.05	673	17	10,620	4.44	471	10-72		35	608	-.09	18	40
33-41-0351	2362286	501586	12-65	4	305	16,015	4.26	683	43	10,330	4.96	512	7-72		43	927	-.10	31	64
33-41-0351	2483090	552896	9-68	2	305	12,730	4.27	544	29	10,650	4.93	525	6-72		40	571	-.07	19	39
33-41-0351	2483092	552896	10-68	2	305	12,735	5.32	678	19	10,805	4.91	531	4-72		40	559	.06	32	50
33-41-0351	2483098	552896	7-68	3	305	14,030	4.46	626	43	10,793	4.74	512	1-73		42	729	-.04	29	54
33-41-0351	2522593	552896	11-69	1	305	11,360	5.16	586	38	9,690	4.92	477	6-72		35	491	.02	25	41
33-41-0351	2537865	552896	2-70	1	305	11,220	4.93	553	38	9,690	4.92	477	6-72		35	481	.00	22	38
33-41-0353	2535508	570341	4-69	2	300	12,950	4.70	609	5	9,395	4.65	437	1-73		29	515	.01	25	42
33-41-0370	2460336	010016527	3-67	4	300	13,555	4.44	602	14	9,655	4.64	448	9-72		37	764	-.03	32	58
33-41-0671	2388864	550942	12-65	5	301	11,748	4.67	549	24	8,672	4.64	402	3-73		44	498	-.01	22	39
33-46-0712	2258840	533769	2-64	7	305	12,616	4.47	564	22	9,236	4.44	410	4-73		44	596	-.08	19	40
33-46-0712	2397680	563251	9-66	4	305	13,100	4.67	612	14	10,600	4.31	457	4-72		35	461	.05	26	41
33-46-0712	2414998	563251	7-67	3	302	11,890	4.69	558	23	9,050	4.38	396	4-72		33	442	.03	24	38
33-46-0712	2483588	563251	10-68	3	305	13,693	4.18	573	18	9,606	4.35	418	3-73		33	624	-.05	23	45
33-46-0712	2521262	563251	7-69	1	305	15,200	4.11	625	23	9,900	4.41	437	5-72		24	571	-.05	21	41
33-48-0519	2443781	568584	1-68	3	305	11,967	4.83	578	11	8,920	4.73	422	8-72		33	466	.03	25	40
33-48-0713	2486579	552896	8-68	3	303	11,803	4.87	575	21	9,356	4.71	441	12-72		42	604	.02	30	50
33-48-0713	2486580	552896	7-68	3	305	13,226	4.76	629	19	8,936	4.71	421	3-73		42	809	.01	38	65
33-48-0713	2603788	552896	8-70	1	305	11,230	4.93	554	19	9,110	4.80	437	1-73		35	517	.01	25	42
33-51-9440	2426002	546331	5-67	3	305	12,383	4.72	584	15	9,733	4.69	456	5-72		42	441	.04	24	38
33-51-9440	2474681	572312	8-68	3	305	15,793	4.13	653	13	10,293	4.60	473	4-73		32	938	-.11	31	64
33-51-9440	2492520	572312	11-68	3	305	16,253	4.47	727	19	10,450	4.63	484	3-73		32	983	-.05	40	74
33-51-9671	2124589	548128	7-61	9	298	13,281	5.90	783	10	11,276	4.77	538	10-72		43	457	.19	41	53
33-51-9671	2333916	550942	4-65	6	301	13,575	5.10	692	9	11,498	4.73	544	11-72		44	442	.05	26	40
33-62-0177	2474268	573624	10-68	3	305	14,750	4.03	594	8	10,043	4.63	465	2-73		29	666	-.11	19	43
33-62-0177	2541785	552896	12-69	1	305	11,560	4.63	535	17	10,210	4.39	448	5-72		35	475	.01	23	39
33-62-0211	2489687	553667	1-69	1	305	15,850	4.87	772	8	9,840	4.58	451	4-72		36	564	.08	34	51
33-62-0211	2509944	553667	10-69	1	305	14,240	5.00	712	12	9,800	4.55	446	3-72		36	446	.08	29	42
33-62-0325	2543422	571506	9-70	1	305	12,570	4.79	602	10	9,250	4.36	403	1-73		32	471	.01	23	38
33-62-0474	2253321	556485	4-64	6	304	14,127	4.78	675	25	11,057	4.81	532	11-72		36	533	.01	26	43
33-62-0474	2466317	546946	11-68	2	305	15,215	4.36	664	29	9,320	4.65	433	8-72		38	541	-.01	24	42
33-62-0474	2513152	570386	1-68	3	305	15,233	4.21	641	28	10,163	4.80	488	12-72		33	860	-.12	26	57
33-62-0476	2249124	558740	11-63	5	303	12,614	5.19	655	9	10,174	4.80	488	4-72		42	396	.12	31	42
33-62-0519	2326258	551920	12-64	6	304	14,011	4.31	604	23	9,865	4.77	471	11-72		42	532	-.04	20	38
33-62-0519	2384625	557529	9-66	3	305	14,600	4.46	651	25	10,857	4.49	487	3-73		32	531	.01	25	43
33-62-0519	2485679	537680	5-68	3	305	14,553	4.86	707	26	9,390	4.71	442	10-72		42	818	.05	43	69
33-62-0519	2487520	552896	10-68	3	305	13,300	4.36	580	24	10,216	4.71	481	11-72		42	698	-.05	27	51
33-62-0519	2512369	537680	4-69	2	305	14,715	4.00	589	32	10,665	4.52	482	4-72		40	666	-.06	24	47
33-62-0519	2512371	577089	11-69	1	305	13,970	5.03	703	47	10,100	4.58	463	5-72		22	427	.05	25	38
33-62-0519	2512380	552896	12-69	1	305	13,680	4.20	574	49	9,660	4.68	452	7-72		35	668	-.05	25	48
33-62-9241	2367792	546331	4-66	4	305	16,878	4.17	704	41	12,125	4.64	563	3-72		44	778	-.06	29	56
33-62-9241	2415821	537680	7-67	3	305	14,320	4.83	691	45	12,227	4.69	574	2-72		42	527	.04	29	46
33-62-9241	2423155	533769	6-67	4	305	14,033	4.83	678	52	11,745	4.76	559	9-72		44	508	-.05	18	36
33-62-9241	2513696	552896	1-70	1	305	14,330	4.47	640	65	12,210	4.72	576	8-72		35	563	-.03	23	42
33-62-9241	2513724	546626	2-68	3	304	16,147	4.98	804	52	12,173	4.76	580	10-72		42	506	.09	33	48
33-62-9241	2515425	580571	9-69	2	305	16,370	5.05	827	37	13,075	4.61	603	3-73		28	618	.07	36	55
33-62-9241	2519350	552896	12-69	1	305	13,890	5.14	714	64	12,410	4.78	593	10-72		35	518	.03	27	44
33-62-9241	2550207	580571	6-70	1	305	17,500	4.07	712	62	12,190	4.74	578	8-72		22	679	-.10	20	44
33-62-9241	2564022	537680	10-70	1	305	15,480	4.43	686	36	13,090	4.61	604	4-72		35	484	.00	22	38
33-62-9241	2564024	580571	9-70	1	305	17,340	3.93	681	37	13,000	4.67	607	1-73		22	606	-.12	15	37
33-62-9241	2575217	580571	9-70	1	305	18,040	4.19	756	38	13,010	4.65	605	2-73		22	669	-.08	22	46
33-62-9241	2575219	537680	10-70	1	305	15,360	4.73	727	40	13,020	4.63	603	2-73		35	479	.03	25	40
33-62-9241	2575221	537680	10-70	1	305	20,380	4.31	878	40	13,020	4.63	603	2-73		35	858	-.03	36	65
33-77-0141	2481571	550942	9-68	3	305	13,133	4.71	619	22	9,853	4.61	454	2-73		42	516	.00	24	41
33-78-0111	2457309	574861	8-68	3	305	11,070	4.73	524	13	7,610	4.49	342	3-73		32	477	.02	24	40
33-78-0145	2073692	523066	10-60	8	305	12,471	4.22	526	20	8,771	4.82	423	10-72		36	546	-.08	16	36
33-78-0145	2460181	537680	6-68	3	305	13,760	4.44	611	13	9,700	4.57	443	3-73		42	697	-.01	31	54
33-79-0346	2425468	537680	10-67	4	301	13,660	4.29	586	27	10,993	4.68	515	1-73		43	582	-.04	22	42
33-79-0346	2470155	570384	7-68	3	305	17,557	4.30	755	24	11,067	4.79	530	1-73		29	949	-.09	34	67
33-79-0346	2477186	537680	9-68	3	305	13,890	4.39	610	26	11,233	4.77	536	2-73		42	569	-.03	23	42

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
33-85-9710	2370452	533769	7-66	4	305	13,750	4.14	569	20	9,413	4.46	420	8-72	44	703	-.13	18	$ 44
33-85-9710	2462502	570836	11-67	2	305	14,165	4.38	620	31	9,415	4.43	417	9-72	30	588	-.01	26	46
33-85-9710	2504641	553667	10-69	1	305	14,770	4.47	660	24	10,490	4.53	475	3-72	36	445	.03	24	38
33-85-9710	2523110	558237	8-69	2	305	14,660	4.22	618	32	10,135	4.53	459	1-73	40	660	-.14	15	39
33-85-9710	2527437	546331	9-68	3	301	11,793	4.87	574	27	9,690	4.51	437	3-73	42	377	.07	25	36
33-85-9710	2532336	574020	11-69	2	246	14,750	4.39	648	32	10,480	4.49	471	2-73 B	39	585	-.05	21	41
33-85-9710	2544061	546331	10-68	3	305	14,150	4.84	685	26	10,157	4.47	454	3-73	42	605	.08	36	55
33-86-0217	2471984	552896	12-68	2	305	12,345	5.14	634	17	8,910	4.86	433	9-72	40	674	.04	35	57
33-86-0217	2471987	552896	12-68	2	305	13,025	5.07	661	22	10,000	4.72	472	5-72	40	654	.05	35	56
33-86-0217	2485724	552896	2-69	2	305	14,025	4.41	618	22	10,465	4.72	494	4-72	40	718	-.04	29	54
33-95-0344	2554139	546331	5-70	1	305	12,870	4.56	587	12	9,120	4.62	421	11-72	36	426	.02	22	36
33-95-0470	2537468	537680	6-70	1	305	13,580	4.91	667	8	8,970	4.67	419	12-72	35	589	.04	31	50
33-98-9613	2423825	562098	5-67	3	304	12,413	4.60	571	10	10,043	4.68	470	2-72	34	513	-.03	20	38
33-98-9613	2453050	562098	6-67	3	305	17,623	3.83	675	11	10,873	4.71	512	12-71	34	1,109	-.19	29	69
34-03-0023	2181029	551112	7-62	7	305	16,051	5.03	808	16	12,109	4.69	568	1-73	32	685	.10	42	63
34-03-0023	2275589	528424	8-64	3	305	17,700	5.25	930	20	13,173	4.59	604	7-72	42	725	.13	48	70
34-03-0023	2354343	539742	7-65	2	305	16,385	5.27	864	17	13,490	4.72	637	2-72	40	551	.14	40	56
34-03-0023	2418736	567023	10-66	4	305	17,525	4.85	850	20	13,150	4.70	618	1-73	30	754	.05	40	64
34-03-0023	2422091	553667	10-67	3	305	16,063	4.97	798	17	12,853	4.70	604	6-72	42	541	.09	34	51
34-03-0023	2424005	553667	10-67	3	305	14,346	5.39	773	19	12,660	4.65	589	8-72	42	361	.16	33	42
34-03-0023	2466537	573064	6-68	3	304	15,823	4.35	689	21	12,313	4.63	570	10-72	34	692	-.05	26	50
34-03-0023	2481062	575089	1-69	2	305	16,030	4.59	735	22	12,595	4.63	583	9-72	25	495	.00	23	39
34-06-0032	2391548	533769	10-66	3	305	15,413	4.41	679	10	10,523	4.57	481	2-72	42	762	-.10	24	51
34-08-0081	2318778	529773	5-64	6	285	14,253	4.93	703	62	12,098	4.69	568	12-72	44	383	.11	29	40
34-08-0081	2350594	511244	10-65	6	304	19,170	4.46	855	51	12,808	4.51	578	4-73	44	1,041	-.07	40	76
34-08-0081	2350612	567192	1-66	4	305	16,112	4.46	718	48	12,707	4.57	581	5-72	34	561	.00	26	45
34-08-0081	2374382	539742	10-66	5	305	16,628	4.41	734	64	12,648	4.51	571	3-73	44	759	.02	37	62
34-08-0081	2403780	549235	12-66	4	304	19,843	3.96	785	46	13,160	4.49	591	5-72	44	1,117	-.20	28	69
34-08-0081	2419179	569828	1-67	3	305	15,830	4.27	676	63	12,133	4.66	565	1-72	33	573	-.09	17	38
34-08-0081	2420946	553667	3-67	3	299	14,390	4.35	626	49	11,683	4.57	534	6-72	42	456	.00	21	36
34-08-0081	2463243	571851	4-68	2	305	13,655	5.10	697	60	11,140	4.61	513	8-72	28	386	.10	28	39
34-08-0081	2467562	560183	8-68	3	301	15,800	4.39	693	58	12,380	4.52	560	3-73	41	450	.00	21	36
34-08-0081	2488131	537680	1-69	2	305	15,465	4.58	708	76	12,200	4.52	552	1-73	40	618	.02	30	50
34-08-0081	2490641	537680	2-69	2	305	16,285	4.29	698	43	13,235	4.43	586	4-72	40	617	-.02	26	47
34-11-0037	2499272	575404	6-69	2	305	17,455	4.82	841	9	11,030	5.03	555	8-72	33	777	.02	38	63
34-11-0037	2534332	553667	5-70	1	305	14,050	5.56	781	7	11,530	4.76	549	12-72	36	329	.12	28	37
34-11-0051	1945956	475595	11-58	11	305	11,852	5.21	617	11	9,978	4.88	487	4-73	44	509	.09	33	48
34-12-0013	2370287	539742	11-65	5	305	13,700	4.57	626	22	11,398	4.84	552	7-72	44	507	.02	25	42
34-12-0013	2372679	533769	5-66	3	305	16,747	4.35	729	24	12,103	4.61	558	1-73	42	770	-.11	23	51
34-12-0013	2420022	560302	6-67	3	305	14,863	5.13	762	20	12,400	4.98	617	2-72	33	430	.09	29	42
34-12-0013	2445299	560835	10-67	3	305	18,953	3.98	754	22	12,047	4.63	558	7-72	42	900	-.13	27	59
34-12-0013	2485728	570769	2-69	2	305	15,225	5.06	771	30	12,180	4.67	569	2-73	30	407	.13	32	43
34-12-0013	2485732	552896	3-69	2	288	13,765	4.35	599	23	11,750	4.70	552	9-72	40	587	-.05	22	42
34-12-0013	2539008	558817	5-70	1	305	16,040	5.16	828	32	11,370	4.82	548	8-72	23	579	.08	35	53
34-19-0016	2389549	564810	6-66	4	305	13,940	4.78	667	24	10,528	4.88	514	11-72	30	528	.01	25	42
34-19-0016	2440340	572488	9-67	3	305	12,786	5.40	691	21	10,930	4.84	529	3-72	32	355	.13	30	40
34-19-0016	2515139	572488	1-69	2	305	15,015	4.35	653	21	10,820	4.75	514	4-72	29	608	-.04	24	45
34-19-0100	2312496	549588	5-65	5	305	12,698	4.71	598	25	9,298	4.76	443	2-72	44	484	-.01	21	37
34-19-0100	2402108	539742	5-67	4	302	11,633	4.82	561	34	9,305	4.71	438	5-72	43	445	.07	28	42
34-19-0104	2395425	539742	5-66	5	283	14,708	4.61	678	6	11,528	4.95	571	2-73 B	44	625	.01	30	51
34-23-0180	2242935	551112	6-63	8	305	15,538	4.45	692	16	12,121	4.94	599	2-73	32	602	-.08	19	40
34-23-0180	2310585	539742	6-65	6	304	14,575	4.36	636	16	11,908	4.94	588	9-72	44	568	-.03	23	42
34-23-0180	2310878	561238	11-64	5	303	14,364	4.93	708	10	11,212	4.79	537	6-72	36	487	.04	27	42
34-23-0180	2317673	528424	12-63	5	305	15,816	4.75	752	16	12,906	4.94	638	3-73	44	575	.00	26	45
34-23-0180	2386025	539742	7-66	4	305	14,628	5.28	773	14	12,698	4.92	625	1-72	43	480	.13	36	50
34-23-0180	2479710	553667	9-68	3	305	16,070	4.73	760	16	13,040	4.85	632	12-72	42	524	.03	27	44
34-25-0074	2244839	533769	1-64	7	302	13,684	4.71	644	10	10,623	4.88	518	12-72	44	591	-.08	19	40
34-29-0032	2385437	539742	1-67	4	305	12,273	5.02	616	26	10,910	4.96	541	7-72	43	365	.08	25	36
34-29-0032	2454759	553667	4-68	3	305	13,970	4.80	671	23	11,650	4.87	567	3-73	42	410	.04	23	36
34-29-0032	2477323	553667	10-68	3	305	14,320	5.03	720	30	12,050	4.93	594	12-72	42	414	.07	26	39
34-29-0032	2548881	567336	9-70	1	305	14,870	4.59	683	38	12,030	4.95	596	11-72	28	616	-.09	19	41
34-29-0032	2548884	567336	12-70	1	305	14,660	4.74	695	23	12,900	4.78	617	1-73	28	540	-.06	18	37
34-29-0032	2568437	576489	1-71	1	305	17,410	3.99	695	25	12,980	4.95	643	12-72	26	639	-.12	16	39
34-29-0057	2548276	553667	7-70	1	305	15,320	4.92	754	22	10,870	5.27	573	12-72	36	463	.04	25	40
34-30-0018	2428064	567489	8-67	4	303	14,950	4.64	693	10	10,775	4.84	522	12-72	30	652	-.02	28	50
34-34-0038	2288941	528424	7-64	6	295	14,665	4.98	730	41	12,718	4.73	601	2-72 B	44	444	.06	27	41
34-34-0038	2336410	537680	4-65	5	302	13,744	4.75	653	37	12,184	4.79	584	1-72 B	44	482	.02	24	40
34-34-0038	2362508	553667	11-65	4	305	14,627	5.15	754	26	13,147	4.80	631	8-71	44	363	.11	28	38
34-34-0038	2390361	537680	11-66	2	286	17,320	4.43	768	39	13,330	4.78	637	2-72 B	40	715	-.03	29	53
34-34-0038	2427164	560029	9-67	3	211	15,236	4.83	736	26	12,090	4.71	570	10-72 B	34	533	.04	29	46
34-34-0038	2439111	553667	8-67	3	219	14,696	5.10	750	25	12,573	4.65	585	9-72 B	42	409	.12	31	43
34-34-0038	2486623	553667	8-68	2	261	16,690	4.66	778	30	13,170	4.73	623	3-72 B	40	531	.03	28	45
34-34-0038	2525805	537680	1-70	1	238	18,640	3.91	729	40	13,190	4.71	621	3-72 B	35	717	-.08	24	49
34-37-0011	2037833	545410	8-60	8	305	13,770	4.40	606	12	9,955	4.96	494	1-72	32	597	-.08	19	40
34-39-0004	2220678	558817	5-63	6	305	11,336	5.43	615	22	9,806	5.03	493	7-72	35	335	.11	27	36
34-39-0004	2248128	528424	3-63	6	270	12,243	5.49	672	24	9,027	5.16	466	3-72	44	513	.09	33	49
34-39-0004	2407813	539742	12-66	4	300	11,178	4.89	547	34	8,905	5.21	464	10-72	43	428	.04	24	38
34-39-0004	2413642	553667	4-67	3	305	12,950	4.54	588	32	9,673	5.13	496	7-72	42	475	-.02	20	36
34-39-0004	2540117	558817	11-69	1	305	15,280	4.92	752	32	10,030	5.18	520	7-72	23	607	.02	30	50
34-39-0004	2558149	558817	9-70	1	305	14,590	4.81	702	25	10,800	5.17	558	12-72	23	489	.01	25	39
34-39-0030	2345908	528424	2-66	4	304	14,345	4.95	710	6	10,015	4.81	482	3-72	43	660	.04	35	56
34-39-0042	2213328	511244	11-62	5	305	16,464	4.64	764	20	14,408	4.57	659	9-72	44	520	-.04	20	38
34-39-0042	2230149	528424	8-63	5	305	16,126	5.02	810	18	13,520	4.60	622	8-72	44	551	.09	35	52
34-39-0042	2340178	553653	10-64	6	296	16,401	4.13	678	66	11,963	4.39	525	1-73	38	852	-.07	31	61
34-39-0042	2353581	549588	1-66	3	305	18,916	4.26	805	23	14,440	4.72	681	8-71	42	687	-.10	21	46

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
34-39-0042	2371337	528424	8-66	2	305	16,665	4.94	823	17	14,880	4.49	668	2-72		40	411	.08	27	$ 39
34-39-0042	2389486	528424	12-66	3	305	16,350	4.42	723	17	13,700	4.51	618	9-72		42	519	-.01	23	40
34-39-0042	2418203	537680	8-67	1	305	17,600	4.94	869	23	16,060	4.43	711	4-72		35	465	.07	29	43
34-39-0042	2423431	546331	11-67	4	270	16,070	4.32	694	19	13,795	4.44	612	3-73		44	514	-.01	23	40
34-39-0042	2435023	553667	10-67	3	305	17,733	4.16	738	21	15,416	4.53	699	4-72		42	497	-.04	19	36
34-39-0042	2444516	571325	4-68	2	305	18,390	3.99	734	16	13,600	4.59	628	2-72		25	684	-.12	18	43
34-39-0042	2448572	553667	12-67	2	302	15,520	4.94	766	22	13,435	4.64	624	11-72		40	391	.09	27	39
34-39-0042	2466099	567336	11-68	2	303	16,430	4.30	706	17	14,265	4.48	639	9-72		34	661	-.09	20	44
34-39-0042	2466103	567336	2-67	3	305	17,036	4.32	736	17	14,960	4.60	688	4-72		36	697	-.11	20	45
34-39-0042	2468006	567336	9-66	4	305	18,957	4.40	835	23	14,682	4.60	676	5-72		37	1,008	-.10	35	70
34-39-0042	2476034	546331	4-68	3	264	16,767	4.91	823	14	13,150	4.46	586	10-72		42	631	.10	40	59
34-39-0042	2519912	567336	12-69	2	305	18,075	4.48	809	17	15,560	4.40	685	3-73		34	730	-.05	28	53
34-39-0042	2519918	537680	3-70	1	298	17,010	4.40	748	27	14,290	4.36	623	7-72		35	527	.01	25	42
34-39-0042	2519920	567336	3-70	1	305	17,110	4.55	778	24	14,330	4.38	628	6-72		28	649	-.04	25	47
34-39-0042	2519921	576489	4-70	1	305	17,670	4.67	825	26	14,610	4.40	643	6-72		26	549	.02	27	45
34-39-0042	2551464	567336	8-70	1	305	17,090	4.60	786	15	15,110	4.59	693	11-72		28	595	-.06	21	42
34-41-0001	2276308	475595	8-64	7	305	12,540	5.18	650	52	11,241	4.87	547	2-73		44	466	.09	31	45
34-41-0001	2352902	549588	1-66	5	305	14,744	4.64	684	40	11,820	4.80	567	4-72		44	488	-.03	19	36
34-41-0001	2377660	567550	11-66	4	305	15,995	4.48	717	46	11,540	4.76	549	7-72		33	789	-.02	34	61
34-41-0001	2462563	553667	7-68	2	304	15,090	4.90	740	66	10,990	4.85	533	12-72		40	546	.06	32	49
34-41-0001	2465878	505970	11-68	3	305	13,883	4.62	642	53	11,510	4.86	559	2-73		42	728	-.12	20	46
34-41-0001	2479759	568742	5-68	3	305	13,723	5.05	693	59	11,043	4.79	529	7-72		32	386	.08	26	38
34-41-0001	2532821	576489	4-70	1	305	14,120	5.25	741	50	11,600	5.02	582	2-72		26	450	.03	24	38
34-41-0001	2532822	537680	4-70	2	305	14,035	4.97	697	50	11,590	4.85	562	3-73		40	522	.04	28	45
34-41-0001	2548039	576489	7-70	1	305	14,320	4.20	602	71	10,520	4.84	509	11-72		26	542	-.07	17	36
34-41-0014	2374379	569828	10-66	2	305	15,015	4.33	650	10	10,560	4.79	506	3-72		30	563	-.08	17	37
34-46-0647	2465303	575576	8-68	1	281	14,260	5.75	820	9	8,900	4.38	390	3-73		19	484	.17	40	53
34-49-0027	2414952	568864	5-67	3	305	14,353	4.34	623	15	9,676	4.88	472	9-72		33	701	-.07	25	49
34-49-0027	2414957	568864	4-67	3	305	13,623	4.47	609	14	9,673	4.79	463	1-73		33	603	-.03	24	45
34-49-0076	2437922	553667	2-68	2	305	14,275	4.69	669	30	10,970	4.53	497	7-72		40	465	.05	27	42
34-49-0076	2489782	553667	1-69	2	262	14,195	4.70	667	26	11,890	4.31	512	5-72		40	382	.08	26	37
34-49-0076	2489784	553667	2-69	2	302	14,855	4.22	627	26	11,890	4.31	512	5-72		40	449	.01	22	37
34-49-0076	2511998	576557	8-69	2	305	15,060	4.26	642	18	11,505	4.37	503	4-73		25	482	-.03	19	36
34-53-0001	2213329	556202	12-62	6	305	12,760	4.80	612	25	9,880	4.84	478	12-72		32	446	.01	22	37
34-53-0004	2207021	550956	9-62	6	305	14,702	5.48	806	18	11,725	4.90	574	10-72		35	557	.19	46	61
34-53-0008	2372528	567964	4-66	5	305	16,494	4.64	765	18	13,158	4.57	601	2-73		32	622	.02	31	51
34-53-0008	2375612	549588	3-66	4	305	17,635	4.33	763	27	13,232	4.59	608	4-72		43	688	-.07	24	48
34-53-0008	2465169	570982	5-68	3	305	16,247	4.37	710	23	13,570	4.44	603	4-73		29	477	-.02	20	36
34-53-0013	2305577	550957	12-64	5	305	12,298	5.45	670	11	9,486	4.94	469	3-72		36	402	.14	33	44
34-57-0029	2414133	553667	7-67	4	305	13,805	4.80	663	16	11,505	4.74	545	2-73		44	424	.05	25	38
34-57-0029	2416235	553667	4-67	3	304	13,080	4.82	630	15	10,646	4.85	516	7-72		42	400	.04	23	36
34-57-0029	2429469	553667	12-67	4	305	14,097	4.72	665	15	12,037	4.74	570	1-73		44	407	.04	23	36
34-62-0021	2135648	533172	4-61	6	303	13,852	4.97	689	15	11,585	4.76	552	1-73		35	428	.07	27	40
34-62-0021	2362947	562786	4-66	5	296	13,960	4.33	604	11	10,464	4.78	500	11-72		36	530	-.06	18	37
34-62-0021	2536482	570373	8-67	2	295	16,045	4.05	650	18	11,490	4.85	557	10-72		25	609	-.13	14	36
34-67-0024	2438621	553667	8-67	3	305	13,416	4.76	638	15	10,026	4.84	485	2-73		42	496	.04	27	43
34-67-0024	2455359	539742	9-66	3	305	12,173	4.58	557	15	10,310	4.69	484	11-72		42	402	.04	23	36
34-70-0037	2231187	475595	10-62	6	305	13,183	4.79	632	9	9,257	4.77	442	3-72		44	757	.05	40	64
34-70-0037	2375967	539742	1-66	5	305	11,230	5.07	569	6	9,808	4.82	473	3-73		44	351	.09	26	36
34-70-0186	2507429	505970	11-69	2	305	13,995	4.27	598	11	11,985	4.71	565	12-72		40	677	-.16	14	39
34-70-0186	2545629	546331	8-70	1	305	14,800	4.61	683	14	11,900	4.48	533	10-72		36	404	.04	23	36
34-73-0003	2376521	555398	1-66	5	303	13,928	3.96	551	19	9,534	4.65	443	1-73		38	715	-.14	18	44
34-73-0008	2400437	539742	1-67	4	305	12,845	5.20	668	6	10,703	4.64	497	1-73		43	457	.13	35	48
34-73-0062	2227334	558817	8-63	7	302	14,160	4.93	698	25	10,312	4.78	493	10-72		35	702	.06	39	61
34-73-0062	2289618	539742	3-65	4	305	15,783	4.43	699	26	12,423	4.71	585	3-73		43	651	.01	31	52
34-73-0062	2451994	566122	10-66	4	305	14,117	4.17	589	30	11,245	4.63	521	3-73		37	589	-.12	14	36
34-73-0062	2479743	572408	11-67	4	305	14,343	4.77	684	24	11,645	4.53	528	2-73		30	454	.05	26	40
34-73-0062	2527442	574866	2-70	2	305	15,165	4.37	662	24	11,215	4.51	506	3-73		25	525	-.03	21	39
34-73-0062	2562784	567336	11-70	1	305	15,280	3.99	610	20	11,010	4.43	488	2-73		28	719	-.12	20	46
34-78-0046	2391595	501586	1-67	3	305	14,870	5.02	746	6	10,880	4.76	518	10-72		42	702	.04	37	60
34-80-0008	2444319	528424	1-68	2	305	11,675	4.43	517	7	7,630	4.39	335	8-72		40	494	.00	23	39
35-03-0348	2507246	552896	9-69	1	305	12,700	4.53	575	13	10,610	4.47	474	11-72		35	537	-.01	24	42
35-03-0349	2463725	552896	5-68	3	305	13,006	4.37	568	13	9,233	4.60	425	3-73		42	755	-.03	31	57
35-10-0068	2449267	543158	10-67	4	298	13,275	4.00	531	12	9,810	4.43	435	2-73		42	658	-.12	17	41
35-13-0121	2472781	572960	10-68	2	305	14,240	4.36	621	23	9,580	4.66	466	7-72		29	664	-.09	21	45
35-13-0121	2515903	572960	10-69	1	305	15,140	4.09	619	21	8,850	5.01	443	6-72		23	670	-.12	18	42
35-14-0229	2290841	512974	2-65	5	299	22,582	3.81	860	19	12,432	4.56	567	3-72		44	1,385	-.22	38	88
35-14-0229	2355988	511244	10-65	6	305	16,453	4.06	668	18	12,187	4.58	558	3-73		44	751	-.15	18	46
35-14-0229	2517355	573445	8-69	2	305	16,695	4.28	714	41	12,270	4.56	559	12-72		25	612	-.06	22	43
35-14-0709	2403353	533769	12-66	4	304	14,108	4.40	621	18	10,798	4.58	495	5-72		44	611	-.10	17	39
35-17-0060	2302136	559485	7-64	7	305	15,392	4.61	709	29	10,670	4.75	507	3-73		42	580	.00	27	46
35-17-0060	2394890	567054	8-66	4	305	14,690	4.79	704	31	10,770	4.71	507	4-72		42	527	.03	27	44
35-17-0060	2590388	571896	10-68	2	305	14,600	4.70	686	33	11,130	4.65	518	3-73		29	490	.00	22	38
35-17-0224	2234800	543158	10-63	7	305	13,914	4.74	660	42	10,809	4.64	502	9-72		43	651	-.03	27	49
35-17-0224	2368166	565631	2-66	3	305	14,503	4.58	664	44	11,340	4.57	518	12-72		32	529	.01	25	42
35-17-0224	2486237	574020	3-69	2	305	15,420	3.98	614	44	11,245	4.46	502	1-73		39	591	-.11	15	37
35-17-0224	2551363	543158	8-70	1	305	17,110	3.98	681	46	11,650	4.41	514	1-73		35	701	-.12	19	44
35-18-0076	2439517	552896	12-67	2	305	13,805	4.32	597	11	11,445	4.93	564	4-73		40	616	-.07	21	43
35-20-0071	2484926	552896	12-68	2	302	11,615	4.12	478	12	8,905	4.73	421	8-72		40	600	-.07	20	41
35-20-0071	2484960	552896	10-68	2	305	12,455	4.71	587	16	9,660	4.59	443	2-72		40	624	.01	30	51
35-20-0071	2506330	552896	10-69	2	305	11,620	4.48	520	11	10,500	4.55	478	12-72		40	470	-.01	20	36
35-20-0071	2530010	552896	3-70	1	305	11,100	4.29	476	12	8,650	4.82	417	8-72		35	535	-.04	20	39
35-20-0071	2547926	552896	8-70	1	305	12,910	4.21	544	10	9,460	4.61	436	11-72		35	622	-.04	24	45
35-22-0667	2472388	558947	12-68	2	305	15,395	4.68	720	10	10,765	4.69	505	9-72		40	453	.04	25	39
35-27-0032	2359839	566122	1-66	3	305	12,916	4.72	610	25	10,356	4.67	484	3-72		35	501	-.03	20	37

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT	O (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-27-0032	2462744	558740	7-68	3	305	15,216	4.51	686	19	11,420	4.63	529	12-72		40	555	.03	29	$ 47
35-27-0032	2539727	558740	6-69	1	305	15,030	4.57	687	22	11,150	4.56	508	10-71		33	397	.05	24	36
35-27-0155	2395017	567697	2-67	2	305	13,880	4.04	561	29	9,155	4.53	415	9-72		25	571	-.08	18	38
35-27-0155	2441405	567697	1-68	2	305	13,425	4.60	617	33	9,305	4.55	423	10-72		25	498	.01	24	40
35-28-0030	2464134	568180	10-68	3	249	14,677	4.58	672	23	10,627	4.84	514	11-72	B	29	589	-.03	24	44
35-28-0103	2317612	511244	4-65	6	305	13,793	4.83	666	21	9,952	5.04	502	2-73		44	637	-.06	23	45
35-28-0103	2446815	552896	2-68	2	305	14,510	4.58	664	22	10,480	5.08	532	1-72		40	767	-.05	30	56
35-28-0103	2463719	552896	5-68	3	302	14,626	4.38	640	22	10,456	5.09	532	12-72		42	830	-.08	29	58
35-28-0103	2463720	552896	4-68	3	305	12,223	4.29	524	23	10,220	5.03	514	3-73		42	572	-.09	17	38
35-28-0103	2463721	552896	4-68	2	305	13,275	4.34	576	20	9,325	5.00	466	5-72		40	735	-.06	27	53
35-28-0103	2499992	552896	3-69	2	305	12,485	4.87	608	17	9,895	5.08	503	10-72		40	608	-.01	27	47
35-28-0103	2513599	552896	5-69	2	305	11,330	4.88	553	12	9,815	5.05	496	8-72		40	497	-.01	22	39
35-28-0122	2264181	558701	8-64	7	305	13,661	5.02	686	21	10,184	4.69	478	1-73		32	550	.08	34	51
35-28-0122	2447410	543158	9-67	2	305	13,350	4.13	551	28	9,720	4.67	454	4-72		39	611	-.12	15	37
35-28-0311	2282053	528754	11-64	5	305	14,700	4.30	632	17	10,282	4.52	465	1-73		44	841	.05	44	71
35-28-0331	2306219	501586	7-64	4	305	15,395	4.61	710	14	13,603	4.86	661	1-72		43	524	-.04	20	30
35-28-0331	2335925	561516	5-65	4	252	15,438	4.68	723	14	11,940	4.41	526	1-73		30	584	.05	32	51
35-28-0331	2507951	560183	8-69	2	305	16,810	5.34	898	14	12,855	4.71	606	8-72		39	464	.15	37	50
35-28-0331	2519934	560183	10-69	2	305	20,590	4.39	904	17	13,770	4.78	658	3-73		39	779	-.02	33	59
35-28-0331	2545638	553667	5-70	2	299	15,330	4.95	759	12	13,600	4.63	630	4-73		40	358	.09	26	36
35-28-0331	2552980	553667	9-70	1	305	17,970	4.52	812	21	13,960	4.58	639	12-72		36	476	.03	25	40
35-28-0407	2298073	526592	8-64	2	305	15,115	4.98	752	12	11,665	4.80	560	4-72		37	350	.12	29	39
35-28-0407	2320339	501586	1-65	2	298	14,530	4.47	650	19	11,575	4.42	512	1-73		40	558	-.01	24	43
35-28-0407	2397516	543158	10-66	2	305	14,145	4.67	660	17	11,985	4.51	540	1-73		39	505	-.04	19	36
35-29-0020	2464450	570097	4-68	3	305	14,446	5.21	753	12	11,663	4.64	541	8-72		37	514	.12	36	51
35-29-0020	2464454	550014	3-68	3	305	13,810	5.24	724	12	11,273	4.80	541	8-72		42	421	.04	24	37
35-29-0020	2515743	548128	9-69	1	305	14,490	5.13	744	20	11,290	5.00	564	10-71		35	451	.02	23	38
35-30-0004	2466573	552896	4-68	3	298	11,650	5.12	596	12	9,540	4.83	461	7-72		42	569	.04	30	48
35-30-0004	2466574	552896	9-68	2	297	11,695	4.42	517	11	9,720	4.90	476	5-72		40	542	-.05	20	39
35-30-0045	2383176	569922	8-66	4	305	13,238	4.44	588	27	8,445	4.78	404	3-73		30	675	-.04	27	50
35-30-0054	2154955	548281	4-62	8	305	13,285	4.53	602	21	10,276	4.53	466	1-72		43	445	.01	21	36
35-30-0054	2484739	553667	11-68	2	201	15,640	4.73	739	11	12,815	4.66	597	4-72		40	454	.05	26	40
35-30-0165	2192893	548532	11-62	7	290	15,694	4.91	771	17	12,621	4.68	591	3-73		39	486	.05	28	43
35-30-0165	2391400	562910	8-65	6	288	12,607	4.93	621	23	9,275	5.09	472	3-73		36	494	.00	23	39
35-30-0165	2438306	550014	10-67	2	305	13,395	5.20	696	36	9,965	4.79	477	9-72		40	449	.02	23	38
35-30-0165	2484740	553667	3-68	2	305	15,760	4.61	726	38	11,620	4.70	546	8-72		40	563	.03	29	47
35-30-0165	2516146	548128	2-70	1	305	18,790	4.58	860	49	9,830	4.90	482	11-72		35	869	-.03	37	66
35-32-0001	2064295	418022	5-60	6	305	12,505	5.15	644	10	9,308	4.75	442	3-72		44	533	.09	34	50
35-32-0001	2535903	511244	12-66	3	305	12,917	4.80	620	19	9,550	4.61	440	12-72		42	525	-.03	21	39
35-32-0009	2337173	529809	8-65	3	305	14,707	5.18	762	8	11,097	4.68	519	12-72		41	336	.13	29	38
35-32-0024	2233022	543158	10-63	7	305	15,890	3.88	617	16	10,596	4.69	497	4-72		43	933	-.20	21	56
35-32-0024	2433757	543158	9-67	2	305	14,480	4.65	674	17	11,045	4.68	517	4-72		39	618	-.05	23	44
35-32-0024	2433758	543158	11-67	4	304	13,438	4.78	643	13	10,993	4.71	518	4-73		42	559	-.02	23	42
35-32-0024	2530587	557737	4-70	1	305	17,140	3.82	654	27	10,520	4.65	489	10-72		33	671	-.14	16	41
35-32-0024	2553709	543158	1-71	1	305	15,260	4.59	700	5	12,130	4.67	566	4-73		35	530	-.06	18	37
35-32-0025	2114972	511244	12-61	7	305	16,970	4.99	846	32	13,219	4.73	625	2-72		44	711	.01	34	57
35-32-0025	2228950	552591	7-63	6	305	16,257	5.27	856	32	12,992	4.76	618	1-72		42	376	.13	31	41
35-32-0025	2235683	492616	12-63	7	305	14,649	4.74	694	34	12,867	4.78	615	2-73		43	579	-.09	17	30
35-32-0025	2396775	539742	1-67	2	229	15,505	5.55	860	31	12,700	4.77	606	4-73		40	525	.18	43	57
35-32-0025	2461280	546331	7-68	2	305	14,420	4.79	691	26	12,310	4.70	578	8-72		40	410	.05	24	37
35-32-0029	2503912	576490	10-69	2	297	14,810	4.24	628	13	10,720	4.65	499	4-73		32	535	-.05	19	30
35-36-0079	2545578	552896	6-70	1	305	11,150	4.63	516	15	9,890	4.64	459	11-72		35	463	.00	21	36
35-36-0079	2564324	552896	12-70	1	305	11,170	4.23	473	9	8,590	4.54	390	4-73		35	543	-.04	21	40
35-36-0090	2539608	550014	9-70	1	305	18,680	3.90	728	9	12,320	4.63	570	11-72		35	623	-.13	14	37
35-36-0161	2519283	575666	12-69	2	305	15,035	3.64	547	10	9,940	4.39	436	3-73		34	973	-.19	23	59
35-37-0018	2310118	552424	5-65	6	297	13,225	5.29	700	18	10,672	4.90	523	11-72		44	384	.12	30	41
35-37-0018	2536223	549335	7-68	3	299	13,030	5.37	700	15	10,993	4.94	543	11-72		41	328	.13	29	38
35-37-0044	2488709	552424	12-68	3	305	14,290	4.49	641	12	10,627	4.92	523	1-73		42	477	-.02	20	36
35-37-0064	2460205	552896	5-68	3	305	12,240	4.72	578	25	10,360	4.84	501	2-73		42	561	-.01	25	44
35-37-0064	2460208	571432	5-68	3	300	13,050	4.80	627	10	9,920	4.63	459	4-72		32	438	.06	26	40
35-37-0088	2437251	540197	8-67	3	240	14,660	5.03	737	60	10,663	4.87	519	9-72		34	413	.05	24	37
35-37-0262	2443336	573191	2-68	3	300	15,963	4.42	705	9	11,590	4.70	545	11-72		29	662	-.05	25	48
35-37-0262	2484369	573517	2-69	3	241	17,140	3.82	655	10	11,273	4.58	516	3-73		29	866	-.16	22	54
35-42-0039	2295424	563299	10-64	6	276	18,947	4.41	836	16	11,487	4.61	529	9-72		36	1,259	-.02	56	98
35-42-0039	2370430	565759	4-66	4	305	14,578	4.60	670	18	11,565	4.75	549	7-72		30	499	-.02	21	38
35-42-0039	2401967	491754	12-66	4	301	14,557	4.76	693	16	12,067	4.52	545	10-72		40	578	.02	29	48
35-42-0065	2385976	557676	1-67	4	293	12,612	4.50	568	24	9,875	4.53	447	4-72		35	502	.00	23	40
35-42-0194	2361936	566580	12-65	5	303	14,606	4.14	604	10	11,046	4.54	502	12-72		35	615	-.10	17	39
35-42-0245	2345560	546331	9-65	5	239	13,300	4.74	630	105	11,666	4.56	532	3-72	B	3	391	.06	24	36
35-42-0245	2448454	539742	3-68	2	202	14,925	4.60	686	11	12,680	4.52	573	4-72	B	40	468	.06	28	43
35-45-0117	2360229	529773	11-65	5	305	13,468	4.86	655	23	10,802	4.67	504	2-73		44	416	.09	29	41
35-45-0117	2531443	572675	10-67	2	305	15,255	4.51	688	24	11,360	4.57	519	1-73		29	565	.00	26	45
35-45-0117	2531451	572675	9-69	2	305	14,205	4.81	683	17	11,190	4.60	515	4-73		29	456	.05	26	40
35-45-0169	2531470	572675	9-68	2	304	14,250	4.47	637	23	10,125	4.48	454	11-72		29	563	.00	26	45
35-46-0011	2397556	533769	9-66	4	298	12,280	4.71	578	5	9,678	4.38	424	6-72	B	44	496	-.04	19	36
35-48-0018	2353226	511244	9-65	6	304	14,092	5.12	722	17	12,075	4.75	573	12-72		44	454	.02	23	38
35-48-0018	2450626	546331	1-68	3	305	14,447	4.57	660	11	12,370	4.70	581	5-72		42	436	.02	22	36
35-49-0321	2405769	501586	1-67	2	197	12,755	4.87	621	10	10,410	4.50	468	3-73	B	40	472	.03	25	40
35-49-0414	2391724	567074	8-66	5	304	14,144	4.52	639	14	10,076	4.78	482	2-73		32	640	-.03	26	48
35-51-0002	2365240	518026	11-65	6	301	13,453	4.00	538	16	9,643	4.73	456	2-73		43	603	-.12	15	37
35-51-0002	2476158	549335	9-68	2	305	13,520	4.73	640	14	9,815	4.64	455	5-72		39	449	.07	28	42
35-51-0006	2484733	570837	4-69	2	304	14,755	4.02	593	17	9,870	4.71	465	10-72		30	584	-.11	15	36
35-51-0006	2549372	575666	10-70	1	305	12,960	4.41	571	25	10,850	4.54	493	2-73		29	625	-.10	18	40
35-52-0044	2439272	511244	8-67	4	305	15,623	4.74	741	15	10,770	4.88	526	2-73		43	763	-.09	29	55
35-52-0044	2445006	543158	8-67	4	303	14,370	5.14	738	15	11,040	4.86	537	1-73		42	671	.01	32	54

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-52-0044	2477696	560248	1-69	3	305	14,703	4.08	718	14	11,270	4.87	549	1-73	41	512	-.01	22	$ 39
35-52-0079	2342529	543158	9-65	3	302	14,223	4.55	647	15	11,413	4.74	541	2-73	41	592	-.07	20	41
35-53-0011	2467124	543158	5-68	2	302	13,675	4.29	587	18	9,790	4.78	468	6-72	39	638	-.10	18	41
35-53-0026	2414026	563331	12-65	4	305	16,485	4.23	697	12	11,263	4.45	501	4-72	35	873	-.09	30	61
35-53-0026	2414029	563655	10-65	5	301	13,724	4.68	642	14	10,972	4.55	499	10-72	41	451	.03	24	38
35-53-0026	2476434	568832	1-69	2	305	19,600	4.14	812	19	11,705	4.54	531	1-73	39	686	-.03	28	51
35-53-0042	2267636	512974	8-64	5	305	14,974	4.52	677	18	10,648	4.59	489	3-72	44	587	-.05	22	42
35-53-0042	2504623	552896	4-69	2	304	13,720	4.61	632	28	12,025	4.81	578	12-72	40	560	-.02	23	42
35-54-0096	2440853	571634	3-68	2	305	14,140	4.81	680	24	10,910	4.94	539	11-72	29	476	.01	23	39
35-54-0096	2463911	572567	3-68	3	305	12,936	5.13	664	15	9,906	4.99	494	10-72	32	421	.07	27	40
35-55-0010	2354258	520754	12-65	5	304	13,350	4.98	665	13	11,658	4.89	570	6-72	44	521	.12	37	52
35-55-0010	2458459	572168	3-68	3	305	15,127	4.32	653	21	11,063	4.65	514	10-72	32	573	-.06	20	40
35-55-0038	2434876	550014	9-67	3	212	13,960	4.48	626	8	10,370	4.53	470	5-72	42	522	-.05	19	37
35-56-0144	2215516	555241	2-63	5	305	12,188	4.59	559	16	8,822	4.72	416	3-72	34	504	-.02	21	38
35-56-0405	2467933	553667	4-68	2	305	12,250	5.15	631	42	9,345	4.86	454	9-72	40	391	.09	27	39
35-57-0013	2362031	541009	8-65	3	305	15,153	4.72	715	27	10,673	4.69	501	2-73	42	484	.06	29	44
35-57-0013	2467931	573655	5-68	2	305	13,485	4.56	615	32	10,345	4.74	490	4-72	30	472	-.01	21	37
35-57-0013	2482258	509325	5-68	3	299	12,107	5.15	623	35	10,233	4.87	498	11-72	41	304	.13	28	36
35-57-0087	2400747	562320	1-67	4	305	17,103	4.09	699	15	11,675	4.52	528	7-72	35	879	-.13	26	58
35-57-0431	2226500	558634	8-63	6	304	14,768	5.22	771	17	12,080	4.79	579	8-72	42	307	.15	30	38
35-57-0431	2358790	511244	10-65	4	305	15,233	4.94	752	14	12,893	4.77	615	2-72	43	503	-.01	22	39
35-57-0431	2362713	559716	12-65	5	280	17,796	4.23	753	31	13,104	4.68	613	5-72	36	872	-.10	29	60
35-57-0431	2371794	529641	9-66	3	294	17,853	4.92	879	35	12,040	4.67	562	8-72	36	868	.13	54	81
35-57-0431	2381666	543158	11-66	5	303	15,758	4.19	661	18	13,256	4.78	634	11-72	43	636	-.15	13	37
35-57-0431	2386402	557787	11-65	4	304	17,135	4.69	804	17	14,685	4.66	684	1-73	35	437	.02	22	36
35-57-0431	2386500	511244	7-66	4	278	17,810	4.07	724	29	13,170	4.70	619	5-72	43	796	-.17	18	47
35-57-0431	2390159	546331	8-66	3	301	15,583	4.53	706	12	12,230	4.66	570	7-72	42	580	.01	28	47
35-57-0431	2421265	511244	7-67	4	301	17,140	3.97	681	30	12,018	4.60	553	2-73	43	828	-.17	19	50
35-57-0431	2424543	559716	6-67	4	305	17,852	4.31	770	24	14,252	4.59	654	2-73	35	720	-.06	26	51
35-57-0431	2483699	574898	1-69	2	305	16,820	4.96	835	19	14,375	4.65	669	4-72	32	536	.02	27	44
35-57-0431	2483702	574898	6-68	2	305	16,775	4.70	789	23	14,310	4.71	674	6-72	32	537	-.03	21	39
35-57-0431	2483731	565963	12-67	3	305	17,390	4.38	761	18	14,026	4.68	657	7-72	34	496	-.01	22	39
35-57-0431	2519866	574898	10-69	2	305	18,540	4.37	810	9	15,610	4.38	684	4-73	32	621	-.05	23	45
35-63-0032	2536140	553620	6-65	3	305	13,577	4.15	563	10	9,197	4.62	425	2-73	34	591	-.06	21	42
35-63-0066	2260020	475595	2-63	7	299	14,456	4.77	689	19	11,470	4.60	528	1-72	44	693	.06	38	60
35-63-0066	2297443	559485	5-64	5	305	15,400	4.99	768	21	11,170	4.63	517	3-72	42	527	.09	34	50
35-63-0066	2311677	539742	2-65	5	304	13,324	4.77	636	24	11,488	4.61	530	5-72	44	448	.08	29	43
35-63-0195	2504547	496783	7-69	2	305	14,320	4.30	616	10	9,655	4.52	436	2-73	40	558	.01	27	45
35-65-0279	2442867	565424	11-67	4	304	13,813	4.78	660	14	9,955	5.00	498	4-73	42	450	.01	22	37
35-65-0434	2304064	560764	10-64	6	279	12,630	5.14	649	26	9,645	4.69	452	1-73	37	388	.08	26	38
35-65-0434	2390065	543158	11-66	3	305	12,193	4.54	553	32	9,310	4.65	433	3-72	41	552	-.06	19	38
35-65-0434	2590976	577541	6-71	1	305	20,430	4.67	954	10	10,430	4.97	518	2-73	19	954	-.01	43	75
35-67-0236	2437773	533769	4-67	3	305	16,120	4.11	662	45	12,263	4.55	558	4-72	42	683	-.15	15	40
35-68-0054	2106540	553981	7-61	6	300	14,397	4.36	627	33	10,612	4.78	507	2-72	35	554	-.07	18	38
35-68-0054	2407834	549235	12-66	2	305	14,850	4.77	708	28	11,395	4.74	540	1-72	40	607	-.08	19	41
35-68-0054	2551137	575666	8-70	1	305	15,990	4.06	649	22	10,410	4.80	500	11-72	29	906	-.16	24	57
35-68-0067	2430669	547765	10-67	3	305	14,583	4.61	672	6	10,773	4.94	532	9-72	41	475	.03	25	40
35-68-0083	2468834	570504	5-68	2	305	14,365	4.43	637	33	9,935	5.03	500	4-72	29	559	-.07	18	38
35-68-0120	2531642	560248	9-68	2	305	13,600	5.29	719	9	9,960	4.87	485	3-72	38	458	.04	25	40
35-68-0148	2214829	511244	5-63	7	305	13,681	4.41	603	16	10,481	4.68	491	6-72	44	567	-.09	16	36
35-68-0148	2375897	560248	5-66	5	302	14,014	4.90	686	19	10,372	4.76	494	12-72	43	566	.00	26	45
35-68-0161	2251367	550942	9-63	4	302	14,248	4.44	633	25	7,985	4.52	361	1-72	43	863	-.03	36	65
35-68-0161	2395735	557543	10-66	2	295	13,620	4.72	643	8	9,190	4.55	418	3-72	40	473	.02	24	39
35-68-0205	2499649	557737	4-69	1	305	16,430	4.11	676	8	9,870	4.83	477	10-71	33	656	-.11	18	42
35-68-0211	2311936	529773	10-64	4	301	13,953	4.45	621	15	10,605	4.78	507	5-72	43	480	.02	24	40
35-68-0211	2483721	574898	5-68	3	305	14,506	4.82	699	11	11,333	4.96	562	3-73	34	598	-.03	24	44
35-68-0211	2526616	574898	1-70	1	305	14,600	4.77	696	9	10,850	5.11	554	9-72	26	506	-.05	18	36
35-69-0068	2407798	536610	11-66	4	305	13,900	4.39	610	6	8,498	4.82	410	8-72	42	719	-.12	20	46
35-69-0068	2446624	541009	1-68	3	305	13,867	4.96	688	15	10,490	4.59	481	12-72	42	351	.10	27	37
35-71-0010	2351595	566439	12-65	4	305	14,610	4.26	623	17	10,785	4.54	490	4-72	30	599	-.06	21	42
35-71-0086	2441891	571409	9-67	3	305	16,476	4.35	716	18	11,290	4.59	518	8-72	32	874	-.04	36	66
35-71-0086	2464678	571409	4-68	3	304	13,246	4.67	618	14	10,283	4.64	477	6-72	32	543	.02	27	45
35-71-0086	2487386	571409	1-69	2	305	12,630	5.04	636	16	10,570	4.64	490	4-72	29	401	.07	26	38
35-71-0086	2555999	571409	12-70	1	305	15,410	4.35	671	25	11,380	4.52	514	1-73	23	541	-.02	23	41
35-71-0086	2556003	552896	9-70	1	305	14,640	3.99	584	22	11,300	4.60	520	2-73	35	642	-.07	22	45
41-05-0006	2150973	509325	4-62	7	305	12,447	5.07	631	16	9,367	4.83	452	7-72	43	464	.14	36	49
41-07-9024	2418765	[illegible]	2-67	4	273	13,310	4.67	622	14	11,400	4.58	522	9-72	44	409	.04	23	36
41-07-9024	2551126	[illegible]	3-70	1	305	12,200	4.48	547	11	11,030	4.62	510	8-72	35	474	-.02	20	36
41-07-9024	2607105	[illegible]	4-70	1	305	14,360	4.51	647	8	11,550	4.63	535	10-72	35	605	-.02	26	46
41-09-0104	2531391	[illegible]	10-69	2	305	12,420	4.29	533	7	10,815	4.70	508	2-73	40	526	-.05	19	37
41-10-0338	2268255	[illegible]	10-62	5	305	11,544	4.76	550	16	10,002	4.68	468	7-72	44	466	.04	26	41
41-10-0360	2491631	509419	8-68	2	305	13,560	4.23	576	12	8,940	4.42	395	5-72	40	560	-.08	17	37
41-14-0102	2594623	561940	7-65	4	305	14,015	4.80	673	10	10,400	4.74	493	4-72	30	555	.03	29	47
41-19-9222	2311969	491754	11-66	3	305	13,043	4.88	636	20	10,923	4.88	533	12-71	38	487	.01	23	39
41-19-9222	2397793	491754	12-66	3	305	13,883	5.03	699	19	11,066	4.91	543	10-71	38	577	.03	30	49
41-19-9222	2454330	543158	2-68	4	302	17,145	3.86	662	12	11,925	4.55	543	3-73	42	932	-.19	22	56
41-19-9222	2499522	543158	1-69	2	305	14,935	4.63	692	8	11,030	4.83	500	7-72	39	666	-.04	26	49
41-19-9222	2499531	546331	8-69	2	305	13,885	5.25	729	22	11,735	4.90	575	11-72	40	402	.09	28	40
41-22-9022	2509370	553667	11-69	2	305	14,790	4.89	723	12	12,575	4.82	606	2-73	40	387	.06	24	36
41-23-9001	2456062	543158	10-67	3	305	12,767	4.25	543	14	9,597	4.64	445	12-72	41	592	-.10	16	37
41-24-0012	2480764	572151	9-68	3	304	14,580	4.47	652	15	11,633	4.62	538	12-72	33	518	-.03	21	39
41-24-0012	2518978	572151	9-69	2	298	14,760	4.51	665	16	11,510	4.69	540	11-72	30	507	-.03	20	37
41-24-9009	2403264	549335	10-66	4	305	14,735	4.54	669	13	11,052	4.78	528	4-73	42	555	.02	28	46
41-24-9009	2469123	543819	11-67	3	305	13,630	4.89	666	13	11,026	4.73	521	3-73	37	473	.05	27	42
41-24-9009	2551956	546331	10-69	1	305	13,920	4.89	680	23	10,370	4.82	500	8-72	36	429	.04	24	38

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O N MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
41-24-9044	2207894	546194	9-62	6	295	11,647	4.45	518	11	7,495	4.84	363	12-72	35	512	-.02	21	$ 38
41-24-9044	2552877	546331	7-70	1	305	11,570	5.47	633	7	6,690	4.77	319	11-72	36	474	.10	32	46
41-24-9082	2282261	551065	12-64	5	305	12,202	4.97	607	14	9,418	4.72	445	8-72	35	364	.10	27	37
41-28-0171	2385263	543158	1-67	2	305	15,145	4.52	685	34	11,390	4.71	536	11-72	39	658	-.08	22	45
41-31-9002	2355869	518026	1-66	5	302	15,110	4.73	714	20	12,126	4.64	563	3-72	43	559	.01	27	45
41-31-9002	2475724	548128	11-68	2	305	15,245	4.61	703	13	12,545	4.73	594	6-72	39	506	-.02	21	38
41-31-9002	2510039	546331	9-69	2	305	14,570	4.79	698	19	11,850	4.81	570	2-73	40	462	.04	25	40
41-31-9002	2539166	548128	7-70	1	305	15,360	4.56	701	16	11,200	5.05	566	1-73	35	523	-.04	20	38
41-33-9054	2446600	563208	9-67	3	305	17,696	3.94	697	9	9,736	4.14	403	10-72	32	1,201	-.09	45	87
41-33-9054	2499951	563208	11-68	2	305	14,340	4.16	596	10	10,255	4.23	434	3-73	29	628	-.03	26	47
41-34-0012	2235443	533769	11-63	5	305	13,474	4.62	623	16	9,766	4.75	464	9-72	44	652	-.08	21	44
41-40-0013	2366664	558311	4-66	4	305	12,728	4.45	566	24	9,098	4.65	423	6-72	33	512	-.03	20	38
41-64-0070	2516244	575273	10-69	2	305	13,310	4.20	559	21	8,695	4.63	403	11-72	29	607	-.05	22	43
41-64-0119	2518938	562503	11-69	1	305	14,450	4.35	629	20	10,140	4.46	452	10-71	32	435	.03	23	37
41-64-0119	2557297	552896	11-70	1	305	11,580	4.40	509	17	10,100	4.51	456	10-72	35	483	-.02	20	36
41-66-0045	2536283	552896	1-70	1	305	15,390	4.72	726	16	11,930	4.67	557	10-72	35	660	.00	30	52
41-66-0045	2536284	552896	11-69	1	305	13,070	4.78	625	10	10,610	5.01	532	5-72	35	568	-.02	24	43
41-66-0062	2281916	554845	11-63	7	304	13,534	4.80	650	7	10,106	4.77	482	9-72	36	540	.02	27	45
41-66-0062	2369693	567155	2-66	5	305	12,858	4.85	624	8	10,690	4.73	506	10-72	37	369	.08	25	36
41-66-0062	2404297	548128	2-67	4	299	13,217	4.76	629	17	11,047	4.63	511	1-73	42	462	.02	23	38
41-69-0069	2311856	564273	10-64	6	305	15,098	3.78	570	23	11,127	4.31	480	12-72	35	616	-.14	13	36
41-69-0069	2507330	546626	2-68	2	305	16,185	3.97	643	30	10,995	4.04	444	3-72	40	542	-.01	24	42
41-69-0069	2525423	572181	8-68	2	305	13,120	4.78	627	27	10,185	4.14	422	7-72	29	503	.06	29	45
41-69-0069	2526598	572181	7-68	2	305	14,645	3.89	569	30	10,400	4.29	446	9-72	29	666	-.10	20	44
41-72-0025	2349995	539742	11-65	5	305	11,290	5.54	626	16	9,586	4.88	468	2-73	44	382	.16	34	44
41-72-0025	2533722	552896	9-69	1	305	11,760	4.80	565	13	9,110	4.73	431	6-72	35	557	.00	26	44
41-73-9030	2293058	556244	10-64	6	305	13,268	4.86	645	13	10,867	4.74	515	12-72	36	455	.05	25	40
41-73-9030	2483152	546331	9-68	3	305	14,877	4.26	634	11	10,747	4.69	504	12-72	42	635	-.03	26	48
41-74-0066	2388391	496783	10-66	2	296	14,730	3.89	573	15	10,725	4.59	492	1-72	40	513	-.05	18	36
41-74-0132	2256172	509325	12-62	8	302	11,719	4.63	543	7	9,399	4.71	443	9-72	43	365	.08	25	36
41-74-0132	2531841	509325	11-67	3	303	11,983	4.88	585	12	9,683	4.69	454	12-72	41	341	.12	28	37
41-77-0001	2472058	569455	12-68	2	299	13,335	4.63	617	27	9,560	4.82	461	9-72	30	491	-.01	21	38
41-77-0100	2518577	552896	10-69	2	305	14,155	4.62	654	16	11,060	4.74	524	1-73	40	683	-.01	30	53
41-81-0029	2361138	562503	10-65	5	305	14,520	4.75	690	12	11,514	4.79	551	6-72	41	525	.05	29	46
41-83-0122	2550052	552896	11-70	1	305	11,720	4.80	563	8	8,150	4.80	391	3-73	35	612	.00	28	48
41-83-0122	2555737	575666	9-70	1	305	11,290	4.81	543	14	8,910	4.96	442	12-72	29	615	-.09	19	41
41-85-9003	2319886	550580	2-65	6	305	15,308	4.51	690	17	12,096	4.69	567	1-73	37	545	-.02	23	41
41-85-9003	2379277	552020	8-66	5	300	15,542	4.30	668	28	12,286	4.70	578	11-72	36	525	-.07	17	36
41-85-9003	2396191	550580	1-67	5	304	13,944	5.23	729	15	12,308	4.57	563	3-73	37	321	.14	30	38
41-85-9003	2507368	544832	11-69	2	304	16,425	4.65	764	22	12,580	4.67	587	12-72	35	489	.03	26	42
41-85-9167	2243407	550283	6-63	5	303	13,594	4.81	654	18	9,846	4.86	479	9-72	32	582	.02	29	48
41-85-9167	2452340	546331	10-67	3	305	13,037	4.13	539	12	9,763	4.69	458	4-72	42	514	-.04	19	37
41-86-0020	2361576	567071	10-66	5	298	14,102	4.39	619	24	10,298	4.77	491	11-72	32	606	-.00	21	42
41-86-0058	2380922	533769	6-66	5	305	14,986	3.82	573	15	10,886	4.68	509	3-73	44	731	-.21	10	38
41-86-0058	2422781	528424	6-67	4	304	14,403	4.95	713	20	11,075	4.73	524	10-72	43	562	.05	31	49
41-86-0122	2363617	546331	10-65	6	296	13,673	4.77	652	26	11,223	4.65	522	11-72	44	485	.05	28	43
41-86-0122	2445537	546331	10-67	3	305	14,870	4.07	605	24	11,333	4.61	523	11-72	42	580	-.05	21	41
42-03-0002	2452025	543158	3-68	3	305	12,303	4.58	564	10	9,797	4.66	457	4-73	41	519	-.01	18	36
42-03-0135	2134117	547517	10-61	8	298	12,741	5.08	647	14	10,919	4.72	515	4-72	35	384	.01	25	37
42-03-0135	2201306	551096	2-63	5	305	14,704	4.86	714	20	10,612	4.77	506	8-71	41	668	.03	34	50
42-03-0135	2337684	546331	8-65	5	305	14,728	4.44	654	11	12,172	4.75	578	8-72	44	523	-.02	22	40
42-03-0135	2448428	539742	1-68	3	301	15,813	4.60	727	15	12,137	4.86	590	11-72	42	636	.03	33	54
42-03-0135	2457507	541009	1-68	3	302	15,290	4.87	744	14	11,697	5.00	585	11-72	42	404	.05	24	37
42-03-0135	2538868	576160	12-69	2	305	16,400	5.33	874	20	14,375	4.88	702	12-72	29	343	.11	27	37
42-03-0135	2544159	570714	12-69	2	302	17,250	4.93	850	24	14,185	4.91	697	12-72	30	453	.04	25	39
42-03-0244	2531177	573655	10-68	3	305	13,086	4.63	606	8	10,416	4.60	479	1-73	33	457	.02	23	38
42-07-0034	2390125	567286	10-66	4	303	15,290	4.72	721	20	11,648	5.26	613	1-72	30	597	-.06	21	42
42-07-0034	2511235	575875	12-69	2	304	14,725	5.18	763	20	11,985	4.86	583	2-73	25	392	.08	26	38
42-08-0054	2486823	552896	11-68	1	237	11,700	5.02	587	24	9,490	4.86	461	2-72	B 35	529	.02	26	43
42-09-0037	2429528	563763	11-66	4	301	13,315	4.62	615	17	10,447	4.77	498	8-72	35	517	-.01	23	40
42-09-0037	2482462	570714	12-68	3	302	14,230	4.92	700	17	10,743	4.76	511	1-73	33	477	.06	28	43
42-22-0053	2517912	496783	4-70	1	305	16,950	4.85	822	9	12,730	4.91	625	9-72	36	454	.05	26	40
42-22-0053	2552802	553667	9-70	1	305	16,070	4.47	719	9	11,580	4.72	546	3-73	36	477	.02	24	40
42-28-0157	2525592	553667	11-69	1	305	14,180	4.52	641	19	10,010	4.59	459	6-72	36	429	.03	23	37
42-31-0080	2350638	565871	11-65	6	303	15,363	4.22	648	13	10,901	4.72	515	2-73	35	763	-.10	24	51
42-37-0002	2457895	546331	7-68	3	256	13,393	5.11	685	7	11,830	4.83	571	4-73	B 42	365	.08	25	36
42-37-0002	2506794	546331	11-69	1	305	16,380	5.26	861	7	11,150	4.70	524	5-72	36	566	.09	36	53
42-37-0002	2506795	546331	11-69	2	297	14,425	5.01	722	7	11,700	4.89	572	11-72	B 40	460	.06	27	41
42-48-0011	2531957	558947	11-69	2	305	17,205	4.03	693	17	10,980	4.60	505	11-72	40	820	-.06	22	44
42-48-0011	2570975	548128	9-70	1	305	15,450	4.39	679	20	11,790	4.55	537	10-72	35	494	-.02	20	37
42-50-0001	2510299	576656	10-69	1	305	12,680	4.94	626	37	9,140	4.77	436	12-72	24	530	.01	25	43
42-50-0001	2510302	550943	8-69	2	305	12,595	4.78	602	20	8,855	4.56	404	6-72	39	340	.10	26	36
42-50-0001	2550609	577561	6-70	2	305	13,280	5.07	673	31	9,375	4.70	441	2-73	25	473	.07	29	44
42-50-0002	2475402	548128	12-68	2	305	17,645	4.18	738	14	12,215	4.86	594	4-72	39	782	-.10	25	53
42-50-0077	2462059	549335	10-68	3	305	11,550	5.44	628	9	9,146	4.78	437	8-72	41	328	.15	31	39
42-52-0021	2321110	549342	7-65	1	305	15,090	4.18	628	17	10,420	4.56	475	12-72	34	604	-.10	17	39
42-52-0021	2446781	572161	10-67	3	304	12,746	4.83	615	10	10,136	4.54	460	10-72	32	423	.04	24	37
42-58-0003	2370474	558433	2-65	6	304	13,798	4.70	648	27	11,281	4.76	537	1-73	35	446	.01	21	36
42-58-0003	2549629	574020	8-69	2	305	15,855	4.62	733	29	12,235	4.84	592	2-73	39	554	-.05	20	39
42-70-0049	2395412	548128	11-66	5	305	14,238	4.91	699	10	11,570	4.69	543	12-72	43	552	.03	29	47
42-70-0049	2437787	548128	1-68	4	300	14,387	4.73	680	12	11,735	4.73	555	11-72	42	540	.00	25	43
42-70-0049	2460521	574900	3-68	2	305	15,545	4.96	771	12	11,825	4.73	559	1-72	25	511	.06	30	46
42-70-0049	2469699	549335	10-68	3	305	14,443	4.79	692	10	11,386	4.81	548	9-72	41	457	.07	28	42
42-70-0049	2527842	550014	8-68	2	305	15,360	4.93	757	10	12,180	4.75	579	1-72	40	469	.00	21	37
42-73-0008	2405234	548128	2-67	4	305	12,912	4.63	598	14	10,372	4.88	506	10-72	42	492	-.03	19	36

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T O D	C REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
42-73-0008	2540385	550014	3-70	2	303	14,730	4.68	690	16	10,735	4.97	533	1-73		40	542	-.06	18	$ 36
42-83-0037	2491847	548128	4-68	3	298	16,400	4.41	724	6	12,543	4.66	585	12-72		41	677	-.05	26	49
42-85-0017	2299798	549235	8-64	7	305	15,313	4.66	713	25	12,109	4.94	598	3-73		44	678	-.11	19	43
42-85-0017	2344742	528754	7-65	5	304	16,338	4.87	795	33	12,060	4.90	601	5-72		44	869	.10	51	78
42-85-0017	2354461	541009	8-65	5	305	18,942	4.65	880	31	12,270	5.04	619	10-72		44	877	.01	41	70
42-85-0017	2384838	533769	7-66	4	305	15,125	4.36	660	20	12,085	4.87	589	4-73		44	609	-.14	13	36
42-85-0017	2475821	573730	8-68	3	305	14,030	5.17	726	26	11,487	4.97	571	8-72		32	389	.09	27	38
42-85-0017	2511215	576656	8-69	2	305	15,405	4.52	697	38	12,515	4.93	617	10-72		30	615	-.08	20	42
42-85-0017	2515186	552896	9-69	1	305	14,850	4.76	707	20	13,700	4.91	673	1-73		35	513	-.01	22	39
42-85-0017	2515188	546331	9-69	2	305	17,460	4.84	845	28	12,655	4.95	627	11-72		40	690	.03	35	57
42-85-0017	2565457	574020	12-70	1	303	18,180	4.62	840	27	13,560	4.94	670	12-72		35	551	-.06	19	38
42-86-0030	2423445	571709	8-67	2	305	15,035	4.84	728	19	10,295	4.90	504	1-72		30	463	.06	28	42
42-91-0002	2428996	548128	3-67	3	300	14,663	4.92	721	10	10,020	4.88	489	2-72		41	710	.02	35	58
42-91-0131	2477025	548128	4-68	3	298	11,693	4.74	554	17	8,653	4.75	411	7-72		41	490	.00	22	38
42-91-0131	2571158	579128	10-70	1	305	14,660	4.50	660	7	9,080	4.48	407	2-73		19	509	.00	23	40
42-96-0052	2545889	546331	12-69	2	238	12,890	4.87	628	10	10,205	4.54	463	9-72	B	40	425	.07	27	40
42-96-0069	2441598	540888	6-67	4	297	13,558	4.57	620	10	11,275	4.59	518	9-72		42	440	.02	22	36
42-96-0151	2444140	553224	4-68	2	300	13,475	5.41	729	18	9,920	5.04	500	11-72		34	425	.09	29	42
42-96-0151	2470485	563763	4-68	3	302	14,266	4.75	677	11	10,146	4.95	502	10-72		33	650	-.01	29	51
43-06-0049	2441816	553667	12-67	3	286	12,843	4.64	596	7	10,340	4.49	464	4-72		42	401	.05	24	36
43-09-0004	2276449	545369	5-64	6	305	13,283	4.70	624	61	10,077	4.56	460	3-73		37	481	.06	28	43
43-09-0004	2384188	549235	6-66	4	302	13,933	3.97	553	60	10,393	4.56	474	1-73		44	661	-.18	11	36
43-09-0004	2455109	533769	1-68	2	305	13,720	4.15	570	43	9,555	4.63	442	7-72		40	608	-.14	13	36
43-09-0004	2459287	553667	8-68	2	305	12,165	5.48	667	60	9,880	4.65	459	11-72		40	339	.14	30	39
43-11-0015	2331370	533769	9-65	5	304	13,692	5.14	704	16	10,594	5.32	564	9-72		44	595	-.05	22	43
43-11-0015	2454132	574270	5-68	2	305	14,410	5.16	744	24	11,055	5.27	583	1-72		25	446	.03	24	38
43-14-0009	2336490	539742	6-65	5	295	12,660	4.93	624	14	9,772	4.64	453	1-72		44	541	.09	35	51
43-14-0009	2499340	552896	7-69	1	305	13,570	4.40	597	15	11,190	4.79	536	5-72		35	568	-.04	22	42
43-14-0038	2500785	553667	5-69	2	305	14,255	4.78	681	36	9,890	4.85	480	1-73		40	551	.04	30	48
43-19-0050	2217048	549235	1-63	7	303	20,089	4.15	833	11	12,669	4.70	595	1-72		44	1,237	-.19	35	80
43-19-0050	2412181	541009	1-67	4	305	16,755	4.56	764	14	13,588	4.49	610	8-72		43	430	.06	26	39
43-19-0050	2412182	549235	2-67	5	302	16,372	4.69	768	7	14,004	4.55	637	4-73		44	619	-.06	22	44
43-19-0050	2420144	549235	4-67	3	305	17,197	4.37	752	10	13,063	4.60	601	5-72		42	766	-.13	21	49
43-19-0050	2510055	533769	10-69	2	305	17,570	4.52	795	13	13,180	4.53	597	2-73		40	704	-.08	24	49
43-19-0069	2,69261	563360	3-68	1	305	19,860	4.41	876	7	11,850	4.62	547	1-73		19	792	-.03	33	60
43-33-0013	2374251	548765	11-64	4	305	14,290	4.46	637	12	10,020	4.70	471	2-72		36	706	-.05	27	51
43-33-0016	2422421	563984	5-67	4	304	12,220	4.64	567	19	8,108	4.71	382	12-72		34	503	.03	26	42
43-33-0031	2360698	539742	10-65	6	305	13,870	5.09	706	21	10,160	4.65	472	1-73		44	658	.13	44	64
43-33-0031	2374271	539742	4-66	4	305	12,060	4.91	592	18	9,790	4.64	454	8-72		43	450	.09	30	43
43-33-0031	2480054	553667	9-68	2	305	14,140	4.57	646	20	10,810	4.60	497	4-72		40	464	.03	25	40
43-35-0151	2567369	580260	1-71	1	305	15,670	4.17	654	5	9,770	3.90	381	4-73		19	552	.00	25	43
43-44-0004	2,15055	548128	6-67	4	286	12,400	4.53	562	53	8,367	4.77	399	12-72	B	42	629	-.03	26	47
43-44-0004	2,98929	553667	8-69	2	278	12,605	4.60	580	54	8,380	4.73	396	11-72	B	40	506	.04	27	43
43-44-0004	2542647	550014	5-70	1	277	14,300	4.42	632	43	7,540	4.76	359	10-72	B	35	581	-.06	20	40
43-50-0002	2423649	546650	5-67	3	305	13,440	4.67	628	19	10,890	4.33	472	2-72		34	417	.06	25	38
43-50-0002	2448606	548128	12-67	3	303	14,003	4.77	668	25	10,660	4.29	457	4-72		41	573	.04	31	49
43-51-0026	2481838	553653	9-68	3	305	12,293	4.91	603	76	9,756	4.63	452	10-72		35	482	.04	26	41
43-51-0026	2,88662	574118	12-68	2	305	15,120	4.72	713	15	9,870	4.70	464	6-72		29	603	.00	28	48
43-58-0020	2340985	539742	10-65	5	256	11,946	4.83	577	27	9,888	4.52	447	3-73	B	44	436	.09	30	43
43-58-0046	2443999	560361	1-68	2	305	13,130	4.56	599	15	9,220	4.91	453	10-71		32	491	-.02	20	37
43-58-0046	2470451	560361	8-68	3	305	13,413	4.91	659	14	10,536	4.86	512	3-73		34	445	.03	24	38
43-58-0046	2513169	560361	12-68	1	305	16,520	4.39	726	18	11,280	4.80	542	2-73		26	539	-.03	22	40
43-58-0046	2527104	553667	10-69	1	305	14,150	4.84	685	13	9,510	4.85	461	4-72		36	457	.05	26	40
43-58-0046	2530335	555757	10-69	2	301	16,345	5.33	871	21	10,785	4.88	526	11-72		32	747	.12	47	70
43-58-0046	2565852	576656	10-70	1	305	14,820	4.37	647	22	10,450	5.01	524	10-72		24	627	-.08	20	42
43-58-0049	2319180	560361	10-64	5	305	14,196	4.44	630	12	10,606	4.75	504	1-72		37	593	-.04	23	43
43-58-0049	2373847	560361	4-66	4	305	14,502	4.63	672	10	10,402	4.82	501	2-73		36	638	.00	29	50
43-58-0049	2400477	560361	11-66	3	305	14,516	4.76	691	13	10,280	4.82	496	10-72		34	617	.02	30	50
43-58-0049	2400479	560361	11-66	3	305	13,453	4.85	653	14	10,530	4.81	506	8-72		34	451	.03	24	38
43-58-0049	2564563	576656	10-70	1	305	17,210	4.47	769	28	11,900	4.83	575	10-72		24	736	-.05	28	53
43-77-0013	2353054	565434	2-66	5	302	15,842	4.18	662	14	11,732	4.59	539	2-73		36	686	-.09	22	46
43-77-0013	2363680	539742	3-66	4	305	16,100	4.78	769	19	11,605	4.47	519	5-72		43	772	.10	46	70
43-77-0013	2466339	565434	11-67	4	304	15,435	4.22	652	12	12,063	4.65	561	12-72		35	565	-.08	17	37
43-77-0013	2534847	553667	7-70	2	303	15,560	4.52	704	11	12,730	4.72	601	4-73		40	452	.02	23	38
43-77-0013	2534854	560835	2-70	2	305	18,395	4.48	825	16	13,135	4.70	618	1-73		40	651	-.03	27	49
43-77-0013	2534859	553667	6-69	2	305	17,065	4.83	824	12	13,455	4.67	628	2-73		40	546	.07	33	50
43-83-0011	2361772	564776	11-65	5	305	14,888	4.84	721	27	11,008	4.81	529	3-73		35	707	.07	40	62
43-83-0011	2383556	567991	12-65	3	305	14,050	4.80	675	26	10,480	4.88	511	8-72		29	516	.01	25	42
43-83-0011	2409836	496783	10-66	4	305	14,103	4.40	620	34	11,098	4.90	544	11-72		44	483	-.02	20	36
43-83-0011	2460865	564776	2-67	3	305	13,613	5.13	699	31	10,553	4.86	513	11-72		32	524	.11	36	52
43-83-0011	2491496	555757	9-68	3	305	13,916	4.91	683	15	11,550	4.74	548	3-73		35	433	.06	26	39
43-83-0011	2483517	553667	11-68	2	305	14,260	4.91	700	28	11,600	4.97	576	11-71		40	412	.05	24	37
43-83-0011	2497711	555757	3-69	2	305	15,905	4.14	659	18	10,365	4.57	474	2-73		32	735	-.06	27	53
43-83-0011	2551006	555757	8-70	1	305	16,570	4.48	743	15	10,540	4.47	471	2-73		27	622	.01	30	50
43-97-0069	2392214	566861	10-66	4	305	14,510	4.18	606	14	11,308	4.37	494	3-72		34	508	-.05	18	36
43-97-0069	2392215	549342	11-66	4	305	13,885	4.32	600	28	10,695	4.44	475	9-72		42	630	-.07	21	43
43-97-0069	2448618	546331	1-68	2	305	14,940	4.32	645	22	10,860	4.41	479	3-72		40	580	.00	27	46
43-97-0042	2466019	547583	7-68	2	305	15,000	4.35	653	10	10,995	4.39	483	4-72		39	399	.06	25	37
45-20-0016	2429546	551226	2-67	5	298	15,264	5.10	779	5	13,250	4.87	645	2-73		35	494	.08	31	46
45-20-0016	2538163	573249	3-68	2	283	16,410	4.82	791	13	12,330	4.95	610	10-72		29	670	.02	33	55
45-20-0016	2538164	573249	3-69	2	291	16,640	5.37	893	13	12,125	4.95	600	11-72		29	718	.12	46	68
45-20-0016	2538169	573249	2-69	2	305	13,600	5.12	696	11	11,910	4.80	572	1-73		29	371	.08	25	36
45-20-0016	2542838	581756	1-70	1	305	16,190	5.77	934	16	13,200	4.92	649	8-72		19	341	.15	31	40
45-20-0016	2547688	573249	10-68	3	304	14,916	4.51	672	10	12,526	4.98	624	10-72		32	509	-.05	18	36
45-26-0085	2441619	567773	1-66	2	305	13,925	4.45	619	19	10,030	4.38	439	12-72		25	488	.01	23	39

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C D	CALVO REPT MO-YR	(%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
46-29-0002	2280055	529773	8-64	6	304	13,287	4.88	648	11	10,607	4.61	489		12-72	44	413	.10	30	$ 42
46-29-0002	2504879	573056	8-69	2	305	14,595	4.67	682	8	10,995	4.47	492		11-72	29	519	.05	29	45
47-20-0065	2297678	549342	8-64	5	305	15,838	4.00	633	22	10,532	5.04	531		11-71	43	924	-.20	20	54
47-20-0065	2378890	567693	6-66	5	302	13,130	5.10	670	12	10,840	4.89	530		1-73	35	367	.08	25	36
47-20-0065	2551470	549335	7-70	1	305	14,660	5.20	763	23	10,130	4.79	485		10-72	35	424	.11	31	43
47-27-0010	2484979	548128	1-69	3	302	16,006	4.69	750	20	10,750	4.50	484		4-73	41	799	.01	38	64
47-27-0032	2489160	548128	7-67	4	303	11,610	4.46	518	13	8,372	4.98	417		2-73	42	529	-.06	18	37
47-27-0032	2536855	548128	11-68	2	305	11,350	4.99	566	14	8,610	4.73	407		7-72	39	429	.03	23	37
47-28-0023	2474900	546331	4-68	2	305	12,590	4.65	586	24	9,780	4.79	468		1-73	40	430	.02	22	36
47-28-0023	2566134	536610	12-69	1	305	16,480	4.70	774	25	10,240	4.87	499		10-72	35	570	-.09	16	37
47-34-0007	2368953	511244	6-66	5	304	14,374	4.58	659	12	11,806	4.51	533		5-72	44	519	-.04	19	37
47-34-0007	2391606	511244	10-66	4	305	13,955	4.77	666	18	11,355	4.65	528		4-72	43	497	-.03	20	37
47-34-0007	2462347	572916	5-68	3	305	16,876	4.39	741	10	11,100	4.68	520		12-72	33	907	-.05	36	67
47-34-0007	2481232	572916	10-68	3	293	14,536	4.20	610	11	10,946	4.70	514		10-72	33	610	-.07	20	42
47-34-0007	2481237	572916	8-68	3	304	14,960	4.59	687	11	10,953	4.69	514		11-72	33	666	-.01	30	52
47-34-0007	2485643	572916	1-69	3	255	14,203	4.64	659	9	12,440	4.40	547		4-73	33	405	.04	23	36
47-34-0007	2486831	572916	4-69	2	305	16,885	4.18	706	9	12,065	4.41	532	B	9-72	30	733	-.05	28	53
47-34-0007	2510918	572916	9-69	2	303	15,505	3.76	583	8	11,015	4.66	513		10-72	30	668	-.14	15	40
47-34-0046	2477450	552896	9-68	3	305	13,940	4.68	653	41	10,483	4.96	520		1-73	42	748	-.02	32	57
47-34-0046	2477467	552896	5-68	2	302	11,480	5.02	576	42	10,205	5.05	515		9-71	40	480	.01	23	39
47-34-0046	2477469	552896	7-68	3	305	13,690	4.48	613	38	10,390	4.98	517		11-72	42	727	-.06	27	52
47-34-0046	2477473	552896	9-68	3	305	12,910	5.26	679	44	10,396	4.98	518		1-73	42	636	.05	35	55
47-34-0046	2519538	552896	1-70	2	305	14,675	4.76	699	19	10,315	4.89	504		4-73	40	797	-.01	36	63
47-34-0046	2520272	552896	2-70	1	305	12,090	4.48	542	30	10,630	4.84	515		2-72	35	490	-.03	19	36
47-48-0030	2468354	552424	10-68	3	304	14,833	4.76	706	21	10,110	5.19	525		9-72	42	588	.00	27	47
47-48-0030	2481234	572916	10-68	3	299	14,910	4.61	687	26	10,220	5.20	531		9-72	33	730	-.05	28	53
47-55-0088	2538069	575666	3-70	1	305	13,480	4.03	543	6	8,390	4.58	384		6-72	29	831	-.14	23	53
47-74-0044	2497519	552896	9-68	2	300	12,950	4.09	530	8	10,285	4.74	487		9-72	40	623	-.08	20	42
47-80-0007	2399914	549342	10-66	4	305	13,225	4.39	581	21	10,002	4.87	487		4-72	42	617	-.10	17	39
47-80-0007	2479277	571743	10-68	3	304	13,386	4.87	652	22	9,560	5.17	494		12-72	33	547	.00	25	43
47-80-0007	2543369	571743	12-69	2	303	14,920	4.96	740	23	9,550	5.14	491		11-72	30	678	.03	34	56
48-14-0011	2234200	554501	12-63	5	304	12,920	5.57	720	15	10,508	4.89	518		11-72	32	382	.16	34	44
48-14-0011	2427100	569223	10-67	3	305	12,973	4.85	629	15	9,986	5.10	509		9-72	37	484	-.01	21	37
48-14-0018	2377836	564434	6-66	4	304	14,582	4.81	701	9	11,620	5.23	608		3-72	36	487	.01	23	39
48-14-0018	2481176	564434	10-68	3	305	13,500	5.68	767	12	11,673	5.23	611		12-72	34	311	.16	31	39
48-14-0018	2481177	564434	10-68	2	305	14,645	5.18	759	13	11,560	5.31	614		9-72	32	422	.07	27	40
48-21-0051	2439199	546331	10-67	3	305	14,140	4.60	651	12	12,203	4.44	542		4-72	42	416	.05	24	37
48-21-0051	2520327	576645	10-69	1	305	16,510	4.71	778	20	12,250	4.79	587		9-72	19	444	.01	21	36
48-21-0091	2329575	505384	9-64	5	305	15,980	3.95	631	16	12,306	4.42	544		3-72	44	706	-.17	14	40
48-21-0091	2439014	571749	8-67	3	305	15,353	4.76	731	16	12,717	4.53	576		4-72	29	447	.05	26	40
48-21-0091	2492491	557710	8-68	2	305	15,965	4.60	734	20	11,550	4.73	546		10-72	32	724	-.05	28	53
48-22-0011	2450165	567518	6-67	2	280	14,605	4.46	652	10	9,385	4.62	434	B	8-71	30	654	-.05	25	48
48-44-0016	2331051	547765	11-63	7	304	14,952	4.67	698	12	10,872	4.60	500		5-72	43	570	.08	35	53
48-44-0016	2331054	547765	7-64	5	305	15,226	4.90	746	8	11,914	4.59	547		2-73	43	495	.12	36	50
48-44-0016	2382979	547765	5-66	4	305	13,585	5.04	685	14	11,282	4.77	538		4-72	42	330	.12	28	37
48-44-0016	2385722	557710	9-66	4	298	14,013	4.40	616	16	11,033	4.78	527		8-72	36	614	-.08	19	41
48-44-0016	2487859	553667	3-68	3	294	14,290	4.60	658	13	11,763	4.79	564		3-73	42	437	.02	22	36
48-44-0016	2530853	546331	6-69	2	305	15,035	4.46	671	11	12,085	4.90	592		2-73	40	491	-.02	20	37
48-44-0141	2306052	553288	6-64	6	305	12,382	4.66	577	20	9,605	4.84	465		4-73	36	472	.01	23	38
48-44-0141	2450169	567518	11-67	1	305	17,840	3.59	641	12	10,850	4.55	494		4-73	25	691	-.16	14	40
48-44-0141	2490393	572193	12-68	2	305	15,995	4.45	711	10	10,640	4.85	516		3-72	29	659	-.05	25	48
48-44-0170	2322872	475595	2-65	3	298	12,953	4.50	583	21	10,973	4.75	521		2-72	42	529	.00	24	42
48-44-0170	2383269	515996	6-66	5	305	14,140	4.59	649	20	10,626	4.67	496		11-72	41	432	.03	23	37
48-44-0170	2392716	572307	4-66	4	301	14,600	4.53	662	19	10,943	4.69	513		3-73	30	578	-.01	25	44
48-44-0170	2440299	552896	2-68	3	296	12,556	5.12	643	22	10,746	4.70	505		10-72	42	562	.06	32	50
48-44-0170	2440300	552896	1-68	3	305	14,536	4.32	628	19	11,150	4.67	521		12-72	42	755	-.05	29	55
48-44-0170	2440302	552896	12-67	3	299	15,133	4.35	658	11	10,896	4.51	491		6-72	42	848	-.04	35	64
48-44-0170	2469925	552896	1-68	3	298	13,896	4.72	656	6	11,743	4.34	510		5-72	42	625	.04	33	53
48-44-0171	2440597	557710	7-67	3	305	12,837	4.36	560	23	9,780	4.75	465		6-72	34	567	-.08	17	37
48-72-0043	2429691	569266	7-67	3	304	13,113	4.37	573	11	8,800	4.50	396		2-73	32	526	-.01	23	41
48-79-0026	2366680	553288	10-65	5	300	12,488	4.53	566	32	9,798	4.73	463		4-72	36	465	.00	21	37
48-79-0026	2447624	562892	11-67	3	305	15,233	4.28	652	29	9,513	4.72	449		3-72	34	731	-.07	26	52
48-79-0026	2467814	562503	6-68	3	305	11,240	5.20	585	31	8,626	4.93	425		9-72	39	362	.09	26	37
48-82-0036	2345848	541009	8-65	5	305	13,174	5.29	697	7	10,382	4.36	453		1-73	44	322	.18	34	42
48-82-0036	2428910	569223	7-67	3	305	13,540	4.56	617	11	10,600	4.41	467		7-72	37	494	.01	24	40
48-97-0070	2393502	540157	1-67	3	305	11,740	4.52	531	10	8,183	4.45	364		3-73	35	420	.04	23	36
50-10-0008	2450600	565566	3-68	4	305	14,835	4.79	710	7	11,170	4.86	543		3-73	35	685	-.01	30	53
51-02-0035	2183412	541052	7-62	8	304	13,869	4.49	623	35	10,663	4.59	489		4-72	36	558	-.01	24	43
51-02-0035	2229862	533094	7-63	6	304	13,942	4.48	624	33	10,610	4.67	495		4-72	36	498	-.03	20	37
51-02-0035	2364072	560090	1-66	4	305	13,570	4.27	580	38	10,257	4.68	480		3-72	35	565	-.06	19	39
51-04-0031	2422797	553667	7-67	4	302	12,790	4.88	624	15	9,587	4.92	472		2-73	44	488	.05	28	43
51-04-0031	2495949	557543	3-69	2	305	13,830	4.87	673	27	9,040	5.02	454		7-72	40	507	.01	24	41
51-04-9030	2197367	518624	1-63	7	305	14,134	5.35	756	11	11,440	4.69	536		3-72	44	376	.19	37	48
51-04-9030	2458685	529773	8-68	3	305	13,747	4.66	641	17	10,547	4.80	506		10-72	42	435	.06	26	40
51-04-9030	2522248	546331	1-70	2	305	14,235	4.36	620	8	11,375	4.42	503		3-73	40	467	.01	23	38
51-05-0008	2477045	553667	11-68	2	305	11,925	4.89	583	21	8,920	4.80	428		4-72	40	393	.06	24	36
51-05-0009	2368636	567070	11-65	5	305	12,896	5.06	652	7	9,880	4.78	472		3-73	35	481	.06	29	44
51-05-0009	2510171	553667	7-69	2	305	12,140	5.18	629	13	9,790	4.77	467		12-72	40	344	.10	26	36
51-05-0109	2381079	511244	10-66	4	305	13,690	4.96	679	22	11,348	4.70	533		3-72	43	465	.00	21	37
51-05-0109	2407921	564864	9-65	4	305	14,285	5.32	760	17	11,710	4.59	537		2-72	42	323	.16	32	40
51-05-0109	2443259	540888	10-67	3	304	13,820	4.87	673	24	10,990	4.72	519		12-72	41	477	.05	27	42
51-05-9001	2082679	509283	11-60	7	304	13,104	4.36	571	36	9,559	4.71	450		10-72	37	595	-.08	19	40
51-05-9001	2347353	562351	7-65	5	305	12,934	4.52	585	36	9,294	4.86	452		1-73	35	523	-.05	19	37
51-05-9001	2436123	566854	8-67	4	305	12,045	5.09	613	28	9,845	4.78	471		2-73	33	348	.10	27	37
51-05-9001	2436124	566854	8-67	2	305	12,055	5.42	653	26	9,625	4.77	459		3-73	29	321	.14	30	38

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
51-05-9001	2436135	566854	12-67	3	305	12,113	4.93	597	45	9,013	4.86	438	11-72		32	430	.07	27	$ 40
51-05-9014	2471651	553667	11-68	3	302	12,330	4.81	593	16	9,903	4.70	465	2-73		42	383	.06	24	36
51-05-9014	2476029	553667	11-68	1	305	14,130	5.28	746	38	8,040	4.70	378	9-71		36	543	.10	36	52
51-05-9014	2516392	546331	10-69	2	305	13,025	4.51	587	21	9,780	4.73	463	2-73		40	474	.00	22	38
51-06-0040	2390118	528424	2-67	5	304	15,276	4.46	681	18	12,680	4.83	612	1-73		44	528	-.05	19	37
51-06-0040	2508645	552896	9-69	1	83	16,300	5.25	855	15	13,840	4.93	683	11-71	B	35	614	.04	33	53
51-09-0011	2445375	553667	8-67	3	300	13,660	4.07	556	5	9,840	4.10	403	7-72		42	541	.00	25	43
51-09-0035	2313699	510634	10-64	5	305	13,254	4.91	651	20	10,702	4.59	491	2-72		44	410	.04	23	36
51-10-0016	2307446	518624	10-64	6	301	14,032	5.20	730	33	11,083	4.93	546	2-73		44	400	.13	32	43
51-10-0016	2401003	528424	10-66	5	302	15,602	4.36	680	33	10,994	5.03	553	10-72		44	746	-.08	25	51
51-10-0016	2404487	533769	12-66	4	304	13,903	5.10	709	26	11,113	4.92	547	5-72		44	554	-.02	23	42
51-10-0016	2404489	556020	11-66	4	305	13,545	5.55	752	24	11,278	4.91	554	7-72		43	306	.14	29	37
51-10-0016	2511980	573930	10-69	2	301	15,715	4.24	666	34	11,620	4.75	552	1-73		35	559	-.07	18	38
51-10-0016	2558560	578583	12-70	1	305	15,490	4.70	728	29	11,410	4.75	542	3-73		23	583	.00	27	46
51-10-9008	2058401	552229	8-60	9	303	12,249	5.49	673	86	9,304	5.11	475	9-72		36	373	.13	31	41
51-10-9008	2397752	567441	10-66	4	304	13,843	5.04	698	75	9,378	4.96	465	6-72		35	704	.06	39	61
51-10-9008	2417182	528424	4-67	4	296	12,275	5.13	630	98	9,050	4.96	449	10-72		43	499	.06	29	45
51-10-9008	2444843	572372	11-67	4	303	12,225	5.18	633	87	9,948	4.91	488	12-72		34	329	.11	27	36
51-10-9008	2449038	553667	11-67	3	305	14,763	4.83	713	75	9,890	4.95	490	2-72		42	664	.04	35	56
51-10-9008	2455455	553667	1-68	2	304	13,650	4.40	601	77	9,540	4.92	469	3-72		40	518	-.01	23	40
51-10-9008	2460458	574039	3-68	3	305	11,870	5.74	681	83	9,417	4.85	457	10-72		32	353	.16	33	42
51-10-9008	2490297	574039	12-68	2	301	13,465	4.68	630	69	10,010	4.86	486	3-72		29	455	.00	21	36
51-10-9008	2504175	549588	4-69	2	301	15,405	4.15	639	62	9,555	4.94	472	7-72		40	652	-.11	18	42
51-10-9008	2523841	575566	12-69	2	305	13,790	5.08	700	76	10,635	4.80	510	1-73		30	414	.04	23	36
51-10-9008	2558946	577958	9-70	1	305	14,500	5.10	740	95	10,470	4.85	508	11-72		23	407	.06	25	38
51-10-9008	2560748	578583	10-70	1	286	13,610	4.70	640	93	10,400	4.87	506	11-72		23	486	.00	22	36
51-10-9008	2560757	578583	10-70	1	138	16,190	4.64	751	93	10,400	4.87	506	11-72	B	23	720	-.01	32	56
51-10-9008	2562341	578583	11-70	1	299	13,610	4.60	626	88	10,710	4.80	514	12-72	B	23	464	-.01	20	36
51-10-9008	2562343	578583	11-70	1	305	13,420	4.95	664	88	10,710	4.80	514	12-72		23	446	.02	23	37
51-10-9008	2570462	578583	2-71	1	185	13,480	4.95	667	25	11,000	4.78	526	4-73	B	23	431	.03	23	37
51-11-0065	2349339	540888	2-66	4	305	12,628	4.71	595	19	8,993	4.73	425	4-72		42	553	.02	28	46
51-13-9002	2520775	571506	12-69	1	305	15,650	3.57	559	26	9,400	4.73	445	12-71		32	708	-.14	17	43
51-15-0015	2442926	553667	2-68	2	305	12,095	5.52	668	6	8,795	4.84	426	4-72		40	420	.13	33	45
51-15-0101	2450987	553667	7-68	2	305	13,285	4.55	605	26	9,780	4.80	469	9-71		40	461	.02	23	38
51-15-9106	2248174	510634	8-63	7	304	14,781	4.20	621	14	10,911	4.72	515	8-72		44	587	-.09	17	38
51-15-9106	2341743	510634	11-65	4	305	16,028	4.35	698	14	12,465	4.71	587	2-73		43	565	-.07	18	38
51-15-9106	2510541	553667	7-69	2	298	15,470	4.93	762	14	12,320	4.78	589	12-72	B	40	477	.07	29	44
51-17-0005	2448564	553667	10-67	3	305	12,480	5.30	662	25	8,823	4.77	421	8-72		42	499	.12	36	50
51-17-0005	2488429	553667	8-68	3	305	11,633	4.94	575	20	8,853	4.71	417	12-72		42	399	.07	26	38
51-17-0072	2432389	569672	7-67	3	305	14,130	5.09	719	46	10,297	4.93	508	3-72		29	549	.06	32	49
51-17-0072	2472518	553667	7-68	3	305	12,243	4.84	593	77	9,446	4.95	468	12-72		42	415	.04	23	36
51-17-0072	2474605	553667	8-68	2	305	14,725	4.48	660	66	9,895	4.93	488	1-72		40	598	.00	27	47
51-17-0072	2484101	553667	3-69	2	301	14,210	4.52	643	60	9,305	4.95	461	7-72		40	594	.01	28	48
51-17-0072	2526998	546331	11-69	2	304	12,670	5.01	635	65	10,205	4.91	501	12-72		40	403	.05	24	37
51-17-9021	2207306	496783	3-63	8	305	13,763	4.80	660	19	11,215	4.78	536	12-72		44	444	.05	26	40
51-17-9021	2417686	553667	10-67	3	293	14,290	5.19	742	18	12,300	4.84	595	11-72		42	387	.11	29	40
51-17-9021	2443549	553667	9-67	4	304	14,820	4.71	698	17	12,002	4.79	575	10-72		44	500	.04	27	43
52-07-0025	2274925	556713	7-64	4	305	12,852	5.38	692	22	10,575	4.80	508	12-71		35	335	.14	30	39
52-07-0025	2274928	556713	8-64	6	305	13,270	5.43	721	26	10,350	4.89	506	5-72		36	439	.15	36	48
52-07-0025	2274929	556713	9-64	5	305	14,888	4.47	665	24	10,160	4.91	499	6-72		36	703	-.04	28	52
52-07-0025	2441946	556713	9-67	3	305	14,403	4.53	652	38	10,486	4.81	504	8-72		33	530	-.01	23	41
52-07-0025	2459416	511244	12-66	4	259	16,675	4.05	675	36	11,125	4.76	529	7-72		43	859	-.17	21	53
52-07-0025	2464012	556713	5-68	3	305	12,760	5.45	696	39	10,250	4.74	486	9-72		33	335	.15	31	40
52-07-0025	2492477	556713	11-68	2	293	14,970	5.12	766	34	11,145	4.67	521	6-72		30	475	.10	33	47
52-07-0025	2508828	560240	2-69	2	305	14,470	4.33	626	51	11,000	4.75	522	9-72		30	540	-.05	19	38
52-07-0025	2558130	557543	6-70	1	305	18,080	4.50	813	53	10,870	4.67	508	5-72		35	599	-.01	26	46
52-07-0041	2101119	508307	5-61	8	305	14,744	4.66	687	18	10,468	4.85	508	5-72		36	677	-.03	28	51
52-07-0041	2260030	559671	6-64	5	246	14,728	4.25	626	21	10,100	4.66	471	10-71	A	38	747	-.08	26	52
52-07-0041	2464059	577794	10-68	3	301	14,850	4.70	698	28	11,233	4.81	540	2-73		32	564	.01	27	46
52-07-0041	2464062	557348	9-68	3	303	16,013	4.25	680	47	10,277	4.89	503	10-72		40	845	-.08	30	60
52-07-0041	2464063	546331	9-68	2	305	13,810	4.33	598	51	10,015	4.82	483	8-72		40	534	-.02	22	40
52-07-0041	2503330	557348	1-69	2	305	13,480	4.95	667	49	10,095	4.86	491	10-72		38	519	.04	28	45
52-07-0053	2503025	552896	7-69	2	304	14,065	3.95	556	19	11,025	4.42	487	1-73		40	677	-.07	23	47
52-07-0053	2514528	552896	9-69	1	203	12,760	4.65	593	23	10,080	4.69	473	11-71	B	35	573	.00	26	45
52-07-0053	2514532	552896	9-69	1	217	12,060	4.76	574	23	10,080	4.69	473	11-71	B	35	521	.00	24	41
52-32-0008	2440138	568924	10-67	4	295	14,042	4.42	621	17	10,202	4.92	502	12-72		38	621	-.07	21	43
52-32-0008	2474618	573308	7-68	2	305	14,560	4.53	660	25	10,450	4.93	515	5-72		34	639	-.02	27	49
52-37-6035	2418752	557348	10-65	4	305	13,183	5.20	686	27	10,868	4.80	522	4-72		41	467	.09	31	45
52-59-0001	I920224	475568	1-59	7	261	15,793	5.13	810	60	11,280	4.72	532	3-72		44	725	.13	47	69
52-59-0001	2095208	543210	5-61	8	302	15,253	4.81	734	16	11,794	4.69	553	10-72		39	484	.06	29	44
52-59-0001	2280955	556404	8-64	4	305	14,868	4.80	713	14	12,293	4.61	567	4-72		33	406	.07	26	38
52-59-0001	2333330	561677	7-65	4	305	13,542	4.76	645	40	10,917	4.52	493	3-73		37	547	.05	31	48
52-59-0001	2333344	561677	10-65	5	303	13,864	4.44	615	49	10,752	4.59	493	12-72		38	629	-.01	28	49
52-59-0001	2360180	561677	5-66	4	305	13,237	4.80	636	42	11,617	4.54	523	12-72		37	439	.06	27	41
52-59-0001	2373960	541009	9-66	4	254	15,795	4.53	715	26	11,765	4.54	534	2-72		43	492	.04	27	43
52-59-0001	2380550	565181	10-66	4	305	16,437	4.54	746	41	12,902	4.63	597	7-72		41	555	-.06	19	38
52-59-0001	2385908	560028	4-66	5	252	14,272	4.59	655	56	10,852	4.67	507	12-72		36	522	-.01	23	41
52-59-0001	2392824	557542	5-66	4	301	13,063	5.63	735	37	11,378	4.73	538	10-72		35	455	.20	42	54
52-59-0001	2406445	546331	3-67	3	245	15,003	4.52	678	75	12,513	4.52	565	4-73		42	487	.02	25	41
52-59-0001	2418428	559109	6-67	3	305	15,513	4.45	691	36	11,673	4.41	515	4-72		34	583	.02	29	48
52-59-0001	2440995	572153	10-67	3	249	18,603	4.89	909	19	13,036	4.55	593	3-73		33	1,267	.09	69	109
52-59-0001	2445723	561677	12-67	2	305	13,790	4.66	643	33	12,115	4.29	520	4-72		33	412	.06	25	38
52-59-0001	2451532	576736	3-68	2	305	17,355	3.72	646	46	12,370	4.34	537	6-72		25	685	-.14	16	41
52-59-0001	2475701	557542	2-69	1	305	15,200	4.57	694	39	13,270	4.11	545	4-72		25	432	.08	28	41
52-59-0001	2475702	557542	1-69	3	300	17,680	4.02	710	45	12,240	4.40	538	1-73		33	962	-.06	37	70

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D REPT	MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
52-59-0001	2480449	561677	11-68	2	294	15,740	4.62	727	42	11,860	4.52	536	8-72	33	658	.03	33	$ 54
52-59-0001	2480450	561677	11-68	2	305	14,295	4.61	659	63	11,260	4.65	524	9-72	33	548	.02	27	45
52-59-0001	2480451	561677	11-68	2	305	13,945	4.93	688	60	11,690	4.44	519	7-72	33	469	.08	30	44
52-59-0001	2491428	557542	3-69	2	305	13,460	4.97	669	65	11,815	4.46	527	7-72	30	424	.10	30	42
52-59-0001	2511957	561677	9-69	2	305	17,330	4.27	740	44	13,145	4.33	569	1-73	33	722	-.01	32	56
52-59-0001	2512226	546331	12-69	1	305	18,470	3.83	708	39	13,180	4.14	545	4-72	36	601	-.03	24	45
52-59-0001	2577039	546331	1-71	1	305	18,260	3.64	665	55	13,010	4.48	583	12-72	36	595	-.09	18	39
52-61-0007	2417760	527801	1-67	4	305	16,415	5.02	824	25	13,655	4.68	639	12-72	41	408	.10	29	41
52-61-0007	2421045	553667	6-67	3	305	17,636	4.49	792	34	14,250	4.58	653	3-72	42	593	.02	29	48
52-61-0007	2461972	557348	6-68	3	305	16,537	4.46	738	20	12,957	4.65	603	8-72	40	651	-.02	28	50
52-61-0007	2473396	557348	8-68	3	298	15,177	4.68	711	17	12,540	4.71	591	9-72	40	528	.02	26	43
52-61-0007	2492094	557348	1-69	3	300	19,383	3.75	727	22	14,840	4.57	678	4-73	40	811	-.17	19	49
52-61-0007	2496621	557348	2-69	2	305	17,970	3.83	689	26	14,060	4.66	655	5-72	38	658	-.13	16	40
52-61-0007	2501695	557348	5-69	2	305	16,480	4.07	671	21	13,265	4.62	613	2-73	38	568	-.07	18	38
52-61-0007	2502482	557348	7-69	2	305	15,425	4.06	627	13	11,920	4.69	559	9-72	38	570	-.08	18	38
52-61-0007	2504031	557348	3-69	2	305	17,565	4.13	727	26	14,315	4.65	666	5-72	38	596	-.07	20	41
52-61-0007	2538688	546331	3-70	2	298	17,280	4.46	771	37	15,340	4.55	698	2-73	40	454	.01	22	37
52-61-0007	2571416	567336	4-71	1	305	17,700	4.25	752	32	15,130	4.53	685	3-73	28	645	-.10	19	42
52-64-0015	2241587	559716	11-63	6	304	13,576	4.83	656	39	11,178	4.78	534	8-72	36	474	.02	24	39
52-64-0015	2476268	552896	6-68	2	305	14,285	4.11	587	30	10,690	4.67	499	12-72	40	727	-.08	25	51
52-64-0015	2476269	552896	12-68	2	305	13,860	4.42	612	22	10,945	4.56	499	4-73	40	662	-.02	28	50
52-64-0025	2499242	552896	8-68	3	293	12,216	4.60	562	27	10,873	4.64	504	1-73	42	510	.00	23	40
52-67-0004	2460971	549235	7-63	2	305	15,075	4.42	667	22	10,655	4.71	502	12-72	40	690	-.13	18	43
52-67-0029	2244992	511244	11-63	3	253	16,383	4.10	672	26	12,920	4.30	555	3-72 B	42	615	-.10	17	39
52-67-0029	2471666	572355	11-68	2	237	17,000	4.02	684	20	12,275	4.36	535	2-72 B	29	668	-.09	21	45
52-70-0002	2447301	511244	11-67	2	305	14,235	4.62	658	41	10,245	4.82	494	12-72	40	561	-.06	19	39
52-70-6003	2356109	557626	3-66	4	305	14,103	4.11	580	30	10,583	4.72	500	1-73	36	615	-.10	17	39
52-70-6003	2384486	564917	6-66	5	301	13,844	4.72	653	22	10,462	4.77	499	2-73	35	559	-.01	25	44
52-70-6003	2490515	552896	12-68	2	305	11,725	4.40	516	41	10,120	4.71	477	6-72	40	512	-.03	20	38
52-70-6003	2508776	548996	10-61	3	305	13,223	5.28	698	34	10,327	4.73	488	12-72	32	453	.11	33	46
52-72-0010	2541707	552896	5-69	1	305	11,590	4.18	485	24	8,440	4.27	360	2-73	35	584	-.03	24	44
52-76-0003	2150868	544225	9-60	8	305	14,052	5.15	723	128	9,737	4.68	456	2-73	36	606	.12	41	59
52-76-0003	2309947	563672	2-65	4	305	13,198	4.80	634	142	9,880	4.69	463	4-73	35	576	.02	29	48
52-76-0003	2327735	563672	5-65	5	305	14,284	4.41	630	146	9,848	4.66	459	11-72	36	759	-.04	30	56
52-76-0003	2331227	563672	4-65	4	305	13,975	4.39	613	165	10,525	4.64	488	1-72	35	613	-.04	24	45
52-76-0003	2340312	557510	8-65	4	300	12,905	4.77	616	139	10,123	4.65	471	8-72	35	464	.04	26	41
52-76-0003	2390295	511244	5-66	4	299	13,668	4.76	650	132	9,720	4.71	458	7-72 H	43	624	-.03	25	46
52-76-0003	2418866	511244	5-67	3	305	14,690	4.93	724	141	10,057	4.67	470	4-72	42	685	.00	31	54
52-76-0003	2438851	533774	11-67	3	305	16,783	4.34	728	139	9,940	4.64	461	3-73	42	867	-.12	27	58
52-76-0003	2480717	559241	9-68	2	262	15,475	4.10	635	143	10,545	4.59	484	4-72	30	646	-.09	20	43
52-76-0003	2500933	511244	4-69	2	305	13,160	4.67	614	135	9,590	4.67	448	11-72	40	505	-.05	18	36
52-76-0003	2513010	546331	11-68	2	305	13,415	4.86	652	183	10,390	4.63	481	2-72	40	464	.06	28	42
52-76-0003	2535418	579430	4-70	1	305	14,000	4.76	667	133	9,720	4.58	445	4-72	23	508	.01	24	41
52-76-0003	2554431	579430	9-70	1	305	14,390	4.04	581	128	9,080	4.74	430	8-72	23	590	-.09	17	38
52-77-0001	2482415	568623	9-68	2	305	13,690	4.73	647	29	10,380	4.62	480	8-72	29	490	.02	25	41
52-77-0001	2482416	568623	10-68	1	305	14,430	5.32	767	27	11,370	4.59	522	11-72	23	390	.10	28	39
52-82-0026	2512849	573770	9-69	1	305	15,320	3.50	536	27	8,250	4.82	398	9-71	24	733	-.16	16	43
52-82-0026	2512850	573770	9-69	2	294	12,700	4.77	606	22	9,355	4.78	447	9-72	30	506	.00	23	40
52-82-0026	2522590	573770	11-69	1	305	14,430	4.47	645	21	10,490	4.76	499	3-72	24	494	-.03	19	36
52-87-0007	2390268	557032	1-66	4	296	13,367	4.87	651	28	11,125	4.72	525	11-72	37	447	.04	25	39
52-87-0007	2434281	559700	5-67	3	305	15,923	4.42	704	32	11,020	4.75	523	1-73	35	728	-.06	27	52
52-87-0007	2444959	557032	1-68	3	304	13,946	4.92	686	27	11,250	4.68	527	2-73	36	490	.05	28	43
52-87-0007	2535197	560072	8-69	1	305	12,770	5.13	655	31	10,660	4.81	513	9-72	27	405	.07	26	38
52-87-0007	2574019	557482	12-70	1	305	15,930	4.48	713	23	10,880	4.74	516	4-73	35	541	-.06	18	37
52-87-0008	2475387	552896	7-68	2	305	12,215	4.34	530	26	9,885	4.46	441	7-72	40	581	-.02	24	44
52-98-0004	2332999	557386	6-65	4	305	12,670	4.89	619	52	9,778	4.79	468	5-72	33	403	.04	23	36
54-17-0016	2370020	565860	8-66	4	305	13,063	4.36	569	6	8,290	4.51	374	6-72	30	667	-.03	27	50
55-10-0019	2467716	552896	12-68	1	305	14,200	4.52	642	16	11,230	4.50	505	10-71	35	613	-.01	27	48
55-17-0021	2328449	561108	3-65	3	305	13,373	4.13	552	8	10,040	4.46	448	1-72	33	539	-.07	17	36
55-22-0002	2352325	539742	10-65	4	305	13,815	4.27	590	29	12,140	4.41	535	5-72	43	435	.02	22	36
55-22-0002	2377065	556020	2-66	4	305	15,813	4.48	709	34	11,948	4.48	535	1-72	43	522	.01	25	42
55-22-0002	2378650	539742	1-66	5	305	13,842	4.28	593	38	11,038	4.46	492	1-73	44	563	.01	27	46
55-22-0002	2400077	556871	9-66	4	294	14,723	3.86	569	38	10,620	4.57	485	10-72	30	636	-.14	14	38
55-22-0002	2400081	556020	12-66	4	305	14,895	4.70	700	30	11,685	4.48	524	9-72	43	434	.05	25	39
55-22-0002	2506342	567357	7-69	2	305	15,540	3.93	611	20	11,390	4.53	516	4-73	30	654	-.15	14	38
55-22-0002	2513894	567357	9-69	2	305	16,285	3.98	648	29	10,945	4.64	508	9-72	30	785	-.15	19	48
55-22-0002	2513896	567357	10-69	1	305	17,710	3.96	702	26	12,160	4.41	536	5-72	24	671	-.13	17	42
55-22-0002	2516272	567357	9-69	1	305	17,030	4.45	757	29	11,460	4.53	519	7-72	24	661	-.06	24	47
55-22-0014	2334267	539742	7-65	6	301	13,510	4.99	674	17	11,867	4.88	579	9-72	44	433	.09	29	42
55-22-0014	2334268	539742	5-65	6	305	13,533	4.94	669	16	12,073	4.88	589	2-73	44	415	.07	27	40
55-22-0014	2334269	539742	7-65	5	300	16,504	4.84	798	21	12,816	4.78	613	1-72	44	725	.07	41	64
55-22-0014	2381974	539742	8-66	5	301	14,184	4.39	622	18	11,910	4.91	585	10-72	44	517	-.03	21	39
55-22-0014	2384858	501586	10-66	3	237	15,810	4.62	730	25	12,847	4.72	607	2-72	42	628	-.03	26	47
55-22-0014	2433951	539742	7-67	4	305	14,810	5.07	751	18	12,110	4.93	597	9-72	43	561	.10	36	53
55-22-0014	2444479	511244	10-67	3	305	17,600	4.55	800	13	13,010	4.73	616	5-72	42	748	-.08	26	52
55-22-0014	2449869	571365	1-68	3	269	14,526	4.73	687	20	12,430	4.88	606	8-72	35	586	-.02	25	45
55-22-0014	2508758	558947	9-69	2	303	17,625	4.62	814	16	13,365	4.94	660	12-72	40	468	.00	22	37
55-22-0014	2543645	552896	3-70	1	302	14,160	5.20	737	27	12,880	4.98	641	10-72	35	510	.02	26	43
55-22-0014	2549858	546331	7-70	1	305	16,120	5.15	830	25	12,770	4.96	633	8-72	36	450	.07	28	42
55-31-0003	2091960	548718	5-61	10	302	12,903	4.81	621	61	10,083	4.87	491	3-73	32	443	.02	22	36
55-31-0003	2225966	500107	9-63	6	305	12,705	4.94	628	57	9,608	4.85	466	5-72	37	481	.05	27	42
55-31-0003	2279268	549235	9-64	6	305	13,310	4.49	597	61	10,003	4.92	492	6-72	44	637	-.13	15	38
55-31-0003	2363108	549235	2-66	5	305	14,018	4.76	667	57	9,816	4.83	474	12-72	44	748	-.08	26	52
55-31-0003	2383075	533769	7-66	4	305	14,680	4.44	652	51	10,333	4.78	494	9-72	44	727	-.11	21	47
55-31-0003	2421392	570795	5-67	3	305	14,253	4.57	652	64	11,033	4.64	512	2-73	34	455	.00	21	36

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	T C REPT D	(%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
55-31-0003	2449715	571939	11-67	3	302	13,590	4.96	674	64	10,413	4.70	489	2-73		32	480	.07	30	$ 45
55-31-0003	2498322	558237	3-69	2	305	15,545	3.92	609	58	9,555	4.67	446	9-72		40	798	-.20	15	45
55-31-0003	2529507	558237	4-70	1	305	14,600	5.09	743	47	9,940	4.72	469	9-72		35	561	-.05	20	40
55-31-0010	2281867	549235	9-64	4	235	14,248	4.60	656	50	11,100	4.77	530	9-72		44	630	-.10	18	41
55-31-0010	2406224	546331	9-66	3	227	13,550	4.52	613	37	10,970	4.61	506	1-72		42	462	.02	23	38
55-31-0010	2424441	567885	8-67	3	305	14,773	4.79	707	55	10,530	4.83	509	4-73		32	700	.01	33	56
55-31-0010	2443284	567885	8-67	3	305	13,217	5.14	679	80	10,967	4.85	513	11-72		32	483	.06	29	44
55-31-0010	2475597	558237	8-68	2	303	15,570	4.49	699	67	11,195	4.93	552	8-72		40	666	-.13	16	40
55-31-0010	2490787	558237	12-68	2	305	16,750	4.47	748	67	11,115	4.89	544	7-72		40	793	-.14	21	50
55-31-0010	2513927	574192	8-69	1	305	17,240	4.43	763	61	11,490	4.72	542	4-72		23	660	-.04	26	49
55-31-0010	2514464	543853	9-69	1	305	16,870	4.32	728	80	11,220	4.80	538	9-72		35	517	-.05	18	36
55-31-0010	2529563	578121	1-70	1	297	14,620	5.03	736	66	11,530	4.70	542	5-72		23	453	.04	25	39
55-31-0010	2529567	578121	11-69	1	305	15,630	4.34	679	65	10,880	4.83	525	9-72		23	592	-.06	21	42
55-31-0010	2529568	578121	1-70	1	305	14,540	4.92	716	60	10,920	4.90	535	11-72		23	490	.00	23	39
55-31-0010	2543590	578121	3-70	1	305	14,640	4.72	691	65	10,880	4.83	525	9-72		23	502	-.01	22	39
55-31-0010	2543593	574192	3-70	1	305	15,070	4.83	728	69	11,520	4.70	541	5-72		23	461	.02	23	38
55-31-0010	2543596	578121	2-70	1	305	13,720	5.16	708	65	10,880	4.83	525	9-72		23	419	.04	23	36
55-31-0010	2549190	574192	7-70	1	305	15,560	4.79	745	59	11,160	4.85	541	1-73		23	531	.01	25	43
55-31-0010	2549196	578121	8-70	1	305	14,810	4.44	658	41	10,980	4.88	536	2-73		23	510	-.05	18	36
55-31-0010	2597014	572153	8-70	1	305	15,900	4.77	758	62	11,110	4.83	537	1-73		24	947	.03	47	78
55-33-0034	2257636	561120	4-64	5	260	13,446	5.06	680	26	9,936	4.50	447	10-71	B	38	421	.13	33	45
55-67-0001	2490514	552896	11-68	1	254	11,190	4.96	555	65	8,620	4.51	389	10-71	B	35	543	.03	28	46
55-74-0007	2430351	523359	7-65	4	276	12,503	4.33	542	26	9,688	4.44	430	10-72		36	496	-.04	19	36
55-74-0007	2463339	552896	12-67	2	305	13,020	4.42	576	23	9,880	4.41	436	7-72		40	664	-.01	29	51
55-79-0006	2168562	553447	8-62	3	305	14,593	4.47	652	41	10,650	4.71	502	10-72		38	586	-.07	19	40
55-79-0006	2314695	544225	10-64	6	303	15,140	4.48	678	24	10,641	4.54	483	1-73		36	661	.01	31	53
55-79-0006	2329456	512974	1-65	4	256	17,870	4.07	728	35	10,673	4.48	478	3-73	A	44	918	-.13	28	61
55-79-0006	2370385	511244	2-66	5	286	15,348	4.53	695	39	11,682	4.73	553	12-72		44	659	-.08	22	45
55-79-0006	2381144	568823	6-66	4	302	15,523	5.01	778	42	10,003	4.68	468	8-72		33	862	.07	47	74
55-79-0006	2434127	571365	11-67	3	304	14,913	4.47	667	40	11,386	4.59	523	4-72		35	745	-.03	31	56
55-79-0029	2344563	511244	9-65	5	303	13,894	4.71	655	12	10,862	4.67	507	5-72		44	555	-.04	21	40
55-79-0029	2379707	501586	9-66	4	302	15,445	3.97	613	23	11,203	4.78	536	11-72		43	769	-.14	20	48
55-79-0029	2379708	511244	10-66	4	296	13,798	4.75	656	23	11,060	4.71	521	9-72		43	507	-.04	19	37
55-79-0029	2472704	552896	9-68	3	300	12,746	4.94	630	31	11,020	4.85	535	8-72		42	558	.02	28	46
55-79-0060	2407043	568138	1-67	3	305	11,503	4.83	556	39	8,080	4.84	391	7-72		33	402	.05	24	36
55-89-0004	2274028	557688	10-64	6	305	15,956	4.17	665	16	11,058	4.65	514	8-72		37	756	-.10	24	51
55-89-0004	2379715	562293	7-66	3	305	13,753	4.42	608	29	10,847	4.48	486	9-72		32	508	.00	23	40
55-89-0004	2381712	511244	11-66	4	305	14,848	3.92	582	27	10,180	4.59	467	8-72		43	725	-.17	15	42
55-89-0004	2511513	559716	7-69	2	293	14,840	4.04	599	39	10,435	4.42	461	12-72		30	620	-.08	20	42
55-89-0041	2505326	573574	10-68	2	305	16,100	4.40	709	9	10,565	4.28	452	1-72		38	479	.04	26	41
55-91-6006	2442556	552896	12-67	2	302	11,575	4.74	549	52	9,500	4.77	453	8-71		40	547	.00	25	43
55-91-6006	2444250	552896	12-67	2	203	11,675	4.71	550	56	9,825	4.72	464	9-71	B	40	531	.00	24	42
55-91-6006	2473012	552896	8-68	2	201	11,265	4.58	516	39	9,700	4.48	435	6-72	B	40	499	.00	23	40
55-91-6006	2473014	552896	8-68	2	196	11,315	4.29	485	39	9,700	4.48	435	6-72	B	40	504	-.03	20	37
55-91-6006	2473022	552896	10-68	2	177	11,990	4.36	523	36	9,380	4.46	418	7-72	B	40	599	-.02	25	45
55-91-6006	2541489	552896	4-70	1	56	12,290	3.87	476	27	9,270	4.25	394	7-72	B	35	587	-.05	21	41
56-02-0005	2441166	548026	10-67	3	305	13,910	4.38	609	20	10,166	4.49	456	10-72		38	592	-.04	23	43
56-02-0005	2458234	550942	1-68	1	305	16,000	4.43	708	18	10,200	4.43	452	3-72		35	595	-.02	25	45
56-02-0005	2458235	550942	1-68	3	298	14,203	4.46	633	24	10,850	4.51	489	10-72		42	548	-.02	23	42
56-05-0006	2112407	549234	7-61	8	303	14,269	4.35	620	26	10,016	4.51	452	12-72		40	768	-.09	25	52
56-05-0006	2457610	539742	1-68	3	296	13,093	4.51	590	30	10,930	4.59	502	5-72		42	451	.04	25	39
56-05-0006	2542612	553667	6-70	1	305	17,180	4.19	720	28	10,760	4.61	496	11-72		36	608	-.01	27	47
56-05-0006	2542615	552896	7-70	1	305	14,780	4.38	647	27	11,130	4.56	508	9-72		35	663	-.03	27	50
56-05-0010	2208901	553765	4-63	6	305	14,373	4.44	638	55	10,347	4.57	473	4-72		38	875	-.05	35	65
56-05-0010	2356810	521150	11-65	3	305	14,893	4.67	695	70	10,873	4.55	495	2-73		42	447	.02	23	37
56-05-0010	2393283	543210	9-66	3	305	15,703	4.34	681	56	10,323	4.53	468	4-72		37	631	-.02	27	48
56-05-0010	2422496	533769	2-67	3	305	13,567	4.37	593	71	10,257	4.58	470	2-73		42	574	-.10	15	36
56-05-0010	2422497	570997	1-67	3	305	14,703	4.43	652	64	10,883	4.56	496	2-73		34	699	-.04	28	52
56-05-0010	2438161	570997	8-67	2	305	13,135	4.50	591	68	10,500	4.59	482	12-71		32	498	-.03	20	37
56-05-0010	2445471	570997	9-67	3	305	13,846	4.31	597	57	9,416	4.65	438	7-72		34	740	-.06	27	53
56-05-0010	2472561	571365	7-68	2	305	13,770	4.26	586	68	10,835	4.53	491	2-72		32	619	-.05	23	44
56-05-0010	2472587	570997	4-68	3	300	13,793	4.35	600	73	10,783	4.57	493	12-72		34	590	-.05	22	42
56-05-0010	2475733	553667	9-68	2	305	14,460	4.25	615	63	10,880	4.52	492	2-72		40	491	.00	22	38
56-05-0010	2475740	571365	8-68	2	305	13,495	4.38	591	88	10,005	4.62	462	8-72		32	664	-.04	26	49
56-05-0010	2481003	571365	8-68	2	304	12,460	4.30	536	88	10,320	4.61	476	12-72		32	516	-.05	18	36
56-05-0010	2494167	570997	2-69	1	305	14,200	4.55	646	97	10,810	4.62	499	10-72		26	505	-.02	21	38
56-05-0011	2398980	570997	1-67	3	305	13,143	4.44	583	44	9,393	4.67	439	5-72		34	650	-.04	25	47
56-05-0011	2431094	536475	8-67	2	305	12,550	4.58	575	45	8,585	4.75	408	6-72		39	454	.02	23	38
56-05-0011	2445450	570997	11-67	2	305	11,960	4.55	544	50	8,860	4.73	419	4-72		32	513	-.03	20	38
56-05-0011	2472504	571365	7-68	2	305	11,590	4.43	513	55	9,125	4.65	424	12-72		32	526	-.03	21	39
56-25-0018	2313778	565678	3-65	5	304	11,952	4.94	591	35	9,744	4.54	442	3-72		38	414	.09	29	41
56-30-0026	2311479	564746	6-65	5	305	15,616	4.25	664	14	11,210	4.49	503	2-73		32	730	-.06	27	52
56-31-0015	2456853	565821	3-68	3	305	15,093	4.20	634	47	11,400	4.30	490	12-72		33	582	-.04	22	42
56-31-0015	2474648	565821	10-68	3	298	14,676	4.10	601	21	11,583	4.09	474	3-73		33	507	-.03	20	37
56-31-0015	2474653	565821	9-68	2	305	14,815	4.02	595	58	11,200	4.23	474	11-72		30	512	-.05	18	36
56-31-0015	2475459	553667	6-68	3	299	13,966	4.19	585	63	11,106	4.35	483	6-72		42	460	.00	21	36
56-31-0015	2494423	565821	1-69	2	305	14,990	4.14	620	68	11,075	4.27	473	10-72		30	544	-.04	21	40
56-36-0012	2445166	571610	12-67	3	305	15,376	4.51	694	28	11,570	4.43	512	2-72		34	516	.00	24	41
56-36-0012	2495815	553667	6-69	2	305	14,160	4.10	580	28	10,605	4.62	490	8-72		40	483	-.03	19	36
56-36-0012	2506947	553667	8-69	2	305	13,765	4.58	630	33	10,655	4.57	487	7-72		40	439	.04	24	38
56-36-0017	2218277	536994	8-63	7	305	14,844	4.55	675	59	11,736	4.71	553	9-72		43	617	-.07	21	43
56-36-0017	2367077	539742	1-66	3	305	14,847	4.71	699	61	11,680	4.85	567	6-72		42	586	.05	32	51
56-36-0017	2467249	553667	7-68	3	300	14,903	4.59	684	58	11,880	4.76	565	11-72		42	497	.02	25	41
56-36-0017	2472248	553667	1-69	1	305	17,710	4.33	767	45	13,900	4.55	633	1-72		36	460	.01	22	37
56-36-0017	2472252	553667	11-68	1	305	16,020	4.50	721	61	11,520	4.65	536	9-71	H	36	476	.03	25	40

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
56-36-0017	2472271	553667	8-68	3	291	14,533	4.54	660	63	11,916	4.78	570	9-72		42	451	.01	22	$ 37
56-36-0017	2546760	553667	7-70	1	305	16,870	4.42	746	42	12,520	4.64	581	1-73		36	480	.02	24	40
56-36-0017	2546785	561677	8-70	1	305	14,660	4.81	705	72	12,100	4.78	578	10-72		28	440	.04	24	38
56-38-0007	2448135	572109	12-67	3	251	17,770	4.43	787	35	13,903	4.60	640	5-72	B	32	652	-.04	26	48
56-38-0007	2513313	533769	9-66	2	219	17,000	4.35	740	35	12,805	4.55	583	6-72	B	40	677	-.11	19	43
56-38-0027	2131359	475595	11-61	8	302	11,451	4.78	547	44	10,193	4.39	447	9-72		44	434	.08	28	41
56-38-0027	2421492	553667	11-67	3	298	15,460	4.16	643	62	11,293	4.19	473	4-72		42	615	.01	29	49
56-38-0027	2537503	533769	3-70	1	304	16,490	4.11	678	36	11,290	4.39	496	7-72		36	615	-.12	15	38
56-39-0019	2565020	552896	11-70	1	305	11,570	4.15	480	8	9,240	4.50	416	12-72		35	534	-.04	20	38
56-41-0005	2284874	559083	12-64	5	303	13,864	4.54	629	24	11,074	4.45	493	2-73		36	469	.02	24	39
56-41-0005	2436518	570996	11-67	3	299	14,817	4.29	635	20	11,360	4.52	513	6-72		32	562	-.07	18	38
56-41-0006	2127665	535814	6-61	8	305	12,219	5.26	643	23	10,165	4.61	469	12-72		32	324	.12	28	37
56-41-0006	2440448	539742	2-68	3	305	13,183	4.49	592	31	11,387	4.51	513	8-72		42	419	.04	24	37
56-41-0015	2337609	550942	7-65	5	305	14,826	4.40	653	34	10,668	4.46	476	7-72		44	692	-.03	28	52
56-41-0015	2457574	539742	5-68	3	302	12,150	4.90	595	40	10,797	4.47	483	9-72		42	354	.10	27	37
56-41-0017	2281230	561966	12-64	6	304	14,033	4.04	567	22	10,788	4.31	465	4-73		32	533	-.07	17	36
56-41-0018	2469961	572543	12-67	3	305	13,793	3.94	544	23	9,323	4.39	409	3-73		29	612	-.09	18	40
56-41-0020	2434655	553667	7-67	3	305	14,236	4.33	616	19	11,583	4.34	503	3-73		42	447	.02	23	37
56-41-0020	2519571	553667	10-69	1	305	14,950	4.73	707	21	10,340	4.47	462	11-72		36	467	.06	28	42
56-41-0027	2171228	550942	9-62	6	305	12,810	4.43	568	27	8,985	4.27	384	1-72		44	604	-.01	27	47
56-42-0010	2393465	539742	1-67	4	297	12,628	4.55	575	10	10,383	4.31	448	2-72		43	462	.07	29	43
56-42-0037	2326941	511244	6-65	5	301	14,714	4.19	617	40	9,894	4.35	430	3-72		44	763	-.10	24	51
56-42-0037	2356302	567786	10-65	4	305	12,505	4.34	543	51	9,103	4.36	397	7-72		30	483	-.02	20	36
56-42-0037	2427678	559817	6-67	3	305	14,053	3.91	550	47	9,917	4.18	415	5-72		29	581	-.08	18	39
56-42-0037	2442689	564564	2-66	2	220	15,140	4.23	640	38	10,705	4.22	452	3-73	B	30	498	-.02	21	38
56-46-0036	2214509	497410	2-62	6	305	13,433	4.27	573	26	9,477	4.34	411	5-72		42	497	-.01	22	39
57-16-0007	2491900	556637	10-68	2	305	14,565	4.56	664	22	9,790	4.58	448	6-72		38	591	.02	29	48
57-16-0007	2510966	552896	5-69	2	298	12,935	4.10	530	15	10,050	4.41	443	4-73		40	641	-.05	24	46
57-16-0007	2510975	552896	9-69	1	305	12,880	4.74	611	19	10,400	4.45	463	3-72		35	563	.01	27	46
57-16-0007	2550731	552896	8-70	1	305	12,350	4.13	510	17	10,210	4.48	457	12-72		35	535	-.04	20	39
57-16-0007	2551633	552896	5-70	1	305	11,110	4.65	517	18	9,770	4.71	460	9-72		35	468	.00	21	37
57-53-0504	2471955	553667	10-68	3	301	14,303	4.29	614	16	11,436	4.63	530	6-72		42	468	-.01	20	36
57-53-0504	2511995	546331	9-68	3	299	16,073	4.31	692	9	12,870	4.57	588	3-73		42	577	-.01	25	44
57-53-0504	2516278	552896	1-70	1	305	14,110	4.38	618	40	10,760	4.72	508	10-72		35	634	-.04	25	47
57-53-0515	2220435	528754	9-63	6	305	14,400	4.63	667	16	11,283	4.87	549	8-71		44	697	.06	39	61
57-53-0515	2261317	528754	3-64	6	303	14,138	4.69	663	20	11,661	4.81	561	2-72		44	624	.09	38	57
57-53-0515	2282111	533769	8-64	5	305	14,176	4.34	615	48	10,804	4.68	506	1-72		44	635	-.12	16	39
57-53-0515	2322662	528754	8-65	4	305	14,715	4.93	725	30	12,180	4.89	595	8-71		43	631	.12	42	61
57-53-0515	2358181	528754	4-66	2	273	11,265	5.03	567	28	9,730	4.80	467	3-73	H	40	429	.13	34	46
57-53-0515	2377299	528754	10-66	4	304	12,330	5.10	629	31	10,635	4.94	525	1-73		43	488	.14	37	51
57-53-0515	2386306	528754	9-66	4	284	13,260	4.72	626	21	10,792	4.92	531	11-72		43	508	.08	36	54
57-53-0515	2411833	539742	12-66	4	305	13,965	5.00	698	35	10,948	4.94	541	1-73		43	572	.08	35	53
57-53-0515	2417576	528754	7-67	2	305	13,810	5.11	706	19	10,855	4.90	532	9-72		40	597	.14	43	60
57-53-0515	2445212	528754	10-67	3	305	12,756	5.10	651	22	11,223	4.88	548	8-72		42	475	.14	37	50
57-53-0517	2442228	528754	8-67	3	300	14,143	4.86	687	20	11,656	4.68	546	12-71		42	596	.13	41	59
57-53-0517	2495330	475595	6-69	2	305	15,250	4.67	712	42	12,930	4.65	601	2-73		40	582	.03	30	49
57-53-0517	2547803	570298	10-68	1	305	14,490	5.19	752	41	11,660	4.81	561	9-72		26	333	.11	27	36
57-53-0526	2222943	553356	9-63	6	304	12,388	5.18	642	29	9,967	4.78	476	11-72		40	494	.12	35	49
57-53-0531	2279716	538347	10-64	4	305	14,918	4.39	655	19	12,103	4.86	588	10-72		35	564	-.07	18	38
57-53-0531	2390269	557032	1-66	4	305	15,255	4.49	685	13	11,775	4.82	567	7-72		37	634	-.04	25	47
57-53-0531	2436403	540888	6-67	4	305	13,740	4.72	648	25	11,610	4.74	550	10-72		42	429	.02	22	36
57-53-0531	2466615	573308	10-68	2	305	14,755	4.43	654	15	11,675	4.86	567	7-72		34	550	-.03	22	41
57-53-0531	2482605	553667	12-68	2	305	17,675	4.45	786	14	13,155	4.75	625	1-72		40	633	.00	29	50
57-53-0531	2499446	546331	8-68	3	305	13,867	5.13	712	12	12,427	4.87	605	1-73		42	364	.08	25	36
57-64-0003	2182484	552197	11-62	8	302	13,938	4.28	596	141	10,601	4.72	500	2-73		35	585	-.08	18	39
57-64-0003	2223569	511244	8-63	7	305	16,363	3.98	651	113	10,796	4.67	504	3-73		44	884	-.18	21	54
57-64-0003	2223577	556637	9-63	7	304	13,006	4.79	623	135	10,631	4.70	500	2-73		42	418	.04	23	36
57-64-0003	2270630	533769	8-64	4	302	15,123	4.85	734	154	10,943	4.72	516	1-73		44	722	-.04	29	54
57-64-0003	2270635	533769	9-64	5	305	13,716	4.50	617	117	10,902	4.65	507	9-72		44	566	-.09	16	36
57-64-0003	2293405	533769	8-63	4	303	15,055	4.56	686	130	11,045	4.70	519	10-72		44	703	-.08	23	48
57-64-0003	2345558	546331	8-65	5	305	14,978	4.57	684	133	10,778	4.71	508	9-72		44	699	.01	33	56
57-64-0003	2345559	546331	9-65	5	305	13,126	4.67	613	112	11,056	4.61	510	6-72		44	431	.04	24	38
57-64-0003	2364835	533769	5-66	4	305	13,968	4.48	626	156	10,883	4.72	514	10-72		44	585	-.10	16	37
57-64-0003	2364841	555217	5-66	4	304	13,160	5.05	665	165	10,638	4.67	497	4-72		41	392	.08	27	39
57-64-0003	2364847	533769	12-65	4	305	13,773	4.91	676	135	11,013	4.68	515	7-72		44	548	-.03	22	41
57-64-0003	2375477	539742	9-66	4	303	14,555	4.62	673	127	11,450	4.64	531	11-72		43	595	.05	33	52
57-64-0003	2398081	566033	9-66	3	305	14,530	4.85	704	149	11,377	4.67	531	11-72		29	482	.05	27	42
57-64-0003	2398094	556637	12-66	3	305	14,217	4.40	625	139	11,057	4.67	516	8-72		40	490	-.02	20	37
57-64-0003	2407904	475548	1-67	3	305	14,900	4.81	717	176	11,013	4.62	509	1-72		42	584	.08	35	53
57-64-0003	2420666	556637	3-67	4	295	14,128	5.06	715	111	11,653	4.57	533	4-73		41	444	.10	31	44
57-64-0003	2439991	556637	11-67	3	305	14,117	4.76	672	106	11,600	4.56	529	6-72		40	427	.05	25	38
57-64-0003	2439997	552197	9-67	3	305	14,970	4.37	654	153	11,623	4.59	534	1-73		32	563	-.04	21	40
57-64-0003	2440001	571359	9-67	3	305	15,427	4.27	659	112	11,503	4.61	530	8-72		32	639	-.05	24	46
57-64-0003	2440004	556637	9-67	3	305	13,807	4.87	673	130	11,537	4.61	532	2-73		40	395	.06	24	36
57-64-0003	2455673	571359	12-67	3	299	13,670	4.89	668	121	10,937	4.65	509	7-72		32	461	.05	27	41
57-64-0003	2459025	553667	7-68	3	299	14,820	5.00	741	122	11,590	4.56	529	3-73		42	514	.11	35	50
57-64-0003	2468854	526294	7-66	5	305	13,596	4.71	641	175	10,876	4.72	513	11-72		44	502	-.03	20	37
57-64-0003	2471946	553667	9-68	3	305	13,976	5.02	702	153	11,130	4.65	518	1-73		42	459	.09	31	45
57-64-0003	2473427	546331	8-68	1	305	16,600	4.08	677	158	11,680	4.43	518	2-72		36	551	-.02	23	42
57-64-0003	2475070	553667	7-68	2	305	15,220	4.11	625	98	11,305	4.56	515	6-72		40	534	-.02	22	40
57-64-0003	2478076	572757	7-68	2	305	16,045	4.47	717	128	11,155	4.71	525	10-72		30	592	-.02	25	45
57-64-0003	2498172	546331	3-69	2	305	15,470	4.45	688	135	11,140	4.71	525	10-72		40	611	.00	28	48
57-64-0003	2506001	573661	5-69	2	305	15,055	4.42	665	154	11,195	4.69	525	10-72		30	565	-.05	20	40
57-64-0003	2517795	553667	10-69	1	305	16,760	4.56	765	156	11,360	4.47	508	12-71		36	541	.05	30	47
57-64-0003	2517800	553667	10-69	1	305	16,040	3.95	634	88	11,310	4.47	506	5-72		36	490	-.02	20	37

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
58-01-0055	2476163	546626	8-68	3	305	14,473	4.28	620	25	10,650	4.31	459	8-72		42	453	.02	23	$ 38
58-01-0055	2498498	571033	2-68	2	305	16,145	4.03	651	17	10,010	4.34	469	8-72		25	690	-.07	24	48
58-01-0055	2498500	568808	1-68	2	305	14,400	4.25	612	35	10,985	4.31	474	11-72		30	447	.02	23	37
58-03-0001	2233978	550942	10-63	3	305	11,533	4.47	515	245	7,910	4.30	340	1-72		42	511	.00	23	40
58-03-0001	2433054	570528	11-67	3	305	12,326	4.02	495	313	8,036	4.27	343	2-73		32	547	-.07	18	37
58-03-0001	2466772	550942	10-68	2	305	11,540	4.46	515	256	7,290	4.33	316	8-72		40	521	-.01	23	40
58-03-0001	2516576	583667	11-69	1	305	11,750	4.77	561	299	7,750	4.26	330	1-73		36	303	.07	25	37
58-05-0006	2157258	538600	2-62	8	305	14,935	4.53	677	96	11,521	4.25	490	3-73		36	524	.04	28	45
58-05-0006	2284212	556896	10-64	4	305	15,573	4.45	693	81	11,915	4.19	499	3-72		34	645	.03	33	54
58-05-0006	2286665	533769	10-64	6	290	16,030	3.94	632	60	11,692	4.26	498	3-72		44	783	-.15	19	48
58-05-0006	2349221	540888	11-65	4	304	15,013	4.62	694	97	11,078	4.11	455	7-72		42	643	.08	38	58
58-05-0006	2394671	556896	10-66	3	305	14,600	4.51	658	90	11,800	4.06	479	12-72		32	489	.06	29	44
58-05-0006	2457182	542759	5-68	3	305	16,110	4.05	652	68	11,556	4.18	483	1-73		32	675	-.06	24	48
58-05-0006	2472609	552896	5-68	3	302	12,850	4.31	554	52	10,533	4.42	466	8-72		42	616	-.03	25	46
58-05-0006	2482791	542759	12-68	3	305	16,086	3.98	640	72	11,870	4.14	491	2-73		32	638	-.08	21	44
58-05-0006	2539320	573661	8-68	2	305	14,710	4.60	676	110	11,145	4.11	458	8-72		30	529	.03	28	45
58-05-0028	2465317	552896	8-68	2	292	11,770	4.42	520	88	9,385	4.53	425	11-71		40	576	-.02	24	44
58-05-0028	2480683	552896	2-69	1	305	14,020	3.97	556	50	9,460	4.52	428	12-71		35	706	-.07	25	50
58-05-0028	2480690	552896	3-69	1	297	12,670	4.45	564	108	8,230	4.54	374	8-71		35	678	-.02	29	52
58-05-0028	2497197	552896	5-69	1	305	11,450	4.29	491	78	8,870	4.53	402	10-71		35	548	-.03	22	41
58-05-0028	2497202	552896	3-69	1	305	11,120	4.69	522	78	8,870	4.53	402	10-71		35	523	.00	24	41
58-05-0028	2500961	552896	6-69	1	305	12,410	4.14	514	67	9,080	4.56	414	11-71		35	607	-.04	23	44
58-07-0006	2359911	562340	7-65	5	304	16,336	4.03	659	72	11,174	4.21	470	1-73		35	845	-.08	30	60
58-07-0006	2453143	573421	9-67	2	305	15,405	3.86	595	72	10,930	4.20	459	9-72		29	632	-.09	19	42
58-07-0006	2476685	562340	7-68	2	303	15,615	3.87	605	50	11,040	4.21	465	8-72		29	608	-.09	18	40
58-07-0006	2476687	573421	6-68	2	305	14,785	3.97	587	61	11,060	4.20	465	9-72		29	545	-.07	17	36
58-07-0006	2528154	573421	12-68	1	305	17,440	3.94	688	45	12,110	4.20	509	3-72		23	596	-.08	19	40
58-12-0030	2468481	552894	9-68	1	286	13,040	4.30	561	22	9,890	4.15	410	5-72		35	606	-.01	27	47
61-09-0028	2445786	552096	12-67	2	304	11,520	4.32	498	23	10,195	4.53	462	1-73		40	485	-.03	19	36
61-09-0028	2457975	557482	12-66	4	305	14,070	4.47	629	12	11,087	4.53	502	4-72		43	526	-.05	19	37
61-09-0028	2473524	557482	12-67	1	301	15,983	3.70	591	12	11,116	4.50	500	2-72		42	724	-.18	14	41
61-13-0007	2450740	557482	7-67	4	305	13,662	3.90	533	10	9,792	4.41	432	3-73		43	604	-.13	14	36
61-13-0017	2443151	557482	10-67	3	305	17,200	4.68	805	9	11,776	4.64	546	2-72		42	804	-.03	34	61
61-13-0018	2238422	537680	12-63	6	300	11,083	4.40	496	5	7,707	4.53	349	11-72		44	602	.00	28	48
61-23-0025	2350775	549235	10-65	4	305	12,258	4.83	592	13	9,838	4.43	436	7-72		44	509	-.04	19	37
61-24-0018	2498527	557482	6-69	2	305	15,940	4.10	654	13	11,085	4.56	505	11-72		40	654	-.10	19	43
61-24-0018	2515412	537680	10-69	1	305	15,170	3.99	606	13	10,960	4.43	486	5-72		35	589	-.04	23	43
61-25-0003	2057166	543616	12-60	9	305	13,301	5.01	667	29	10,442	4.54	474	5-72		36	458	.11	33	46
61-25-0003	2249504	537680	2-64	6	305	11,632	5.09	592	31	10,225	4.56	466	10-72		44	411	.09	28	40
61-25-0003	2274962	537680	7-64	7	305	12,857	4.36	561	31	10,641	4.60	490	2-73		44	527	-.02	22	40
61-25-0003	2417509	557482	9-67	1	305	18,270	3.59	656	19	11,030	4.50	496	10-71		35	709	-.16	15	41
61-27-0006	2501805	571506	9-69	2	299	14,115	4.65	656	23	10,855	4.62	502	9-72		36	571	-.01	25	44
61-30-0004	2167660	505384	8-62	4	303	13,953	5.02	701	28	10,558	4.75	502	7-72		43	606	-.02	26	46
61-30-0004	2235869	549343	11-63	3	305	14,420	4.55	747	25	12,040	4.66	561	3-73		34	564	-.02	24	43
61-30-0004	2282243	528754	9-64	3	305	13,583	5.47	743	28	11,673	4.60	537	1-73		42	529	.22	48	62
61-30-0004	2291835	557482	3-65	4	305	16,710	4.87	813	12	11,700	4.71	551	3-72		43	794	.01	37	63
61-30-0004	2307873	558740	9-64	6	305	13,888	5.03	699	21	10,918	4.97	543	9-72		42	486	.08	31	46
61-30-0004	2374225	568384	9-66	4	305	15,380	4.38	674	29	11,165	4.70	525	9-72		33	640	-.05	24	46
61-30-0004	2391544	549235	1-67	1	305	15,760	4.57	720	35	10,350	4.69	485	1-73		36	652	-.10	19	42
61-30-0004	2410315	546331	6-67	3	305	15,553	4.55	707	16	11,943	4.49	536	5-72		42	603	.03	31	51
61-30-0004	2466102	567336	8-68	3	305	14,376	4.40	632	25	10,963	4.74	520	3-73		36	765	-.10	24	51
61-30-0032	2311811	561796	1-65	5	305	14,912	3.89	580	10	10,240	4.55	466	3-73		36	668	-.12	18	42
61-30-0032	2529340	552896	1-70	1	305	13,320	4.55	606	52	9,520	4.50	428	8-72		35	650	-.01	29	51
61-41-0037	2527800	552896	1-69	1	287	15,930	4.20	669	5	10,720	4.26	457	8-71		35	774	-.03	32	58
61-42-0020	2439900	537680	1-68	2	305	12,645	4.86	614	8	10,005	4.49	449	7-72		40	509	.05	29	45
61-63-0036	2507116	505970	6-69	2	297	12,660	3.89	493	31	9,630	4.53	436	12-72		40	733	-.18	14	42
61-63-0037	2445889	558583	7-67	3	248	13,556	4.87	660	5	10,713	4.58	491	12-71		34	402	.06	25	37
61-63-0057	2510886	557482	5-69	2	305	17,655	4.38	773	8	11,335	4.65	527	1-73		40	809	-.07	29	57
63-03-1024	2150646	475548	3-60	7	252	13,496	5.43	736	108	11,137	4.95	551	4-72	B	44	440	.15	36	48
63-05-0016	2260531	528754	11-63	5	303	14,054	5.02	705	22	10,476	4.83	506	2-72		44	736	.14	49	71
63-05-0016	2385907	539742	5-66	5	287	12,280	4.36	536	39	10,006	4.87	487	7-72	B	44	467	-.01	20	36
63-05-0016	2405826	553667	5-69	2	284	14,430	4.23	610	20	10,080	4.69	473	5-72		40	553	-.02	23	42
63-08-0011	2353803	549234	11-65	3	305	13,480	4.34	585	41	10,073	4.38	441	2-72		38	612	-.07	20	42
63-08-0011	2381029	549234	5-66	3	305	13,400	4.11	551	42	9,957	4.32	430	8-72		38	613	-.10	17	39
63-08-0011	2473555	558237	8-68	3	305	14,907	4.19	624	39	10,027	4.36	437	12-72		42	758	-.13	20	48
63-12-0016	2175502	496783	10-62	8	305	13,726	5.25	721	15	11,756	4.57	537	8-72		44	383	.15	34	44
63-12-0016	2240760	529773	11-63	6	305	14,867	5.00	743	16	11,833	4.59	543	4-72		44	491	.14	37	51
63-12-0016	2414965	549235	4-67	2	305	14,730	4.84	713	19	12,550	4.44	557	5-72		40	501	-.04	19	36
63-12-0016	2502912	575859	7-69	2	163	15,335	4.30	660	13	12,255	4.68	574	10-72	A	28	594	-.09	18	39
63-12-0016	2545137	575859	4-70	1	305	19,580	3.76	736	16	13,280	4.68	621	7-72		22	813	-.17	19	49
63-12-0016	2545138	575859	8-70	1	305	17,200	4.70	808	13	13,470	4.60	620	11-72		22	582	-.01	26	45
63-17-0002	2378423	537680	7-66	4	296	14,740	4.04	595	19	11,030	4.25	469	3-72		43	713	-.04	28	52
63-17-0002	2409713	550942	2-67	3	305	16,830	3.83	644	25	11,417	4.24	484	4-72		42	801	-.12	24	53
63-17-0002	2444816	537680	12-67	4	295	13,405	3.95	533	20	11,478	4.19	481	2-73		43	512	-.04	19	37
63-17-0002	2502911	571506	7-69	2	297	14,160	4.18	592	24	11,460	4.30	493	12-72		36	524	-.05	19	37
63-17-0007	2488444	574810	11-68	2	274	13,970	4.26	595	6	8,590	4.61	396	9-72	H	29	806	-.06	30	58
63-17-0007	2500777	560183	5-69	2	304	13,595	4.45	605	16	8,360	4.43	370	2-72		39	503	.03	26	42
63-19-0048	2585388	573318	3-69	1	299	14,360	4.42	634	14	10,500	4.43	465	1-73		27	451	.00	21	36
63-20-0001	2517182	575666	1-70	2	274	11,935	4.43	529	39	9,195	4.49	413	11-72		34	694	-.08	23	47
63-23-0016	2253871	557482	2-64	5	305	23,188	4.68	1085	46	10,472	4.40	461	3-72		44	1,797	.01	84	144
63-23-0016	2255758	558947	8-63	5	304	14,962	4.13	618	77	10,186	4.54	462	9-71		44	594	-.04	23	43
63-23-0016	2255761	522433	9-58	7	304	15,003	4.84	726	80	10,207	4.57	466	10-72		32	760	.06	42	66
63-23-0016	2255819	558947	12-63	5	289	13,294	4.93	655	68	10,234	4.54	465	11-71		44	371	.09	27	38
63-23-0016	2275806	549235	5-64	5	304	14,958	3.82	571	63	10,246	4.53	464	12-72		44	825	-.21	15	46
63-23-0016	2335785	558947	1-65	5	305	15,380	4.38	673	66	10,336	4.47	462	9-71		44	633	.01	30	51

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
63-23-0016	2371363	558947	10-65	4	305	18,192	4.78	869	73	9,767	4.50	440	10-71		43	1,009	.08	55	$ 87
63-23-0016	2385584	533769	7-66	4	301	14,230	4.14	589	36	10,775	4.52	487	1-73		44	628	-.14	14	37
63-23-0016	2404563	541009	8-66	4	274	14,493	4.27	619	43	10,658	4.48	478	2-72		43	441	.01	21	36
63-23-0016	2409200	547459	10-66	4	300	13,527	4.43	599	73	10,150	4.55	462	11-71		39	543	-.04	21	40
63-23-0016	2410312	570829	7-67	2	305	19,065	4.56	869	41	10,645	4.48	477	2-72		25	1,076	.01	50	86
63-23-0016	2418759	547459	11-66	1	305	15,640	3.58	560	52	9,540	4.20	401	2-73		30	598	-.11	15	37
63-23-0016	2434437	533774	7-67	2	305	16,175	4.04	654	68	9,590	4.40	422	1-73		40	738	-.14	18	45
63-23-0016	2439846	541009	7-67	3	263	16,957	4.96	841	82	9,683	4.40	426	1-73	A	42	786	.13	50	74
63-23-0016	2461055	558947	7-68	2	305	17,035	4.19	713	68	9,705	4.36	423	1-73		40	707	-.01	31	55
63-23-0016	2485198	558740	9-68	3	292	13,176	4.56	601	51	10,296	4.40	453	3-73		40	418	.06	26	39
63-27-0004	2554552	543158	8-70	1	305	12,360	5.33	659	13	9,740	4.47	435	9-72		35	454	.02	23	38
63-41-0011	2329877	537574	4-63	3	305	14,217	3.73	530	29	10,447	4.27	446	3-72		33	642	-.14	14	38
63-41-0011	2537244	556020	11-67	2	305	15,755	4.87	767	16	10,630	4.32	459	7-72		40	529	.08	33	49
63-51-0003	2385099	549235	1-67	4	305	16,520	4.32	714	18	12,005	4.44	533	3-73		44	821	-.11	25	54
63-51-0003	2434163	557737	3-67	4	305	14,685	4.22	619	35	11,222	4.54	509	11-72		41	601	-.09	18	40
63-51-0003	2529489	558237	9-69	1	305	20,510	3.98	816	52	11,340	4.42	501	10-72		35	922	-.17	23	57
64-19-0104	2473017	552896	9-68	2	305	11,505	5.28	608	39	8,795	4.74	417	8-72		40	598	.06	34	53
64-25-0102	2367393	511244	6-66	5	304	13,518	4.70	636	11	11,384	4.30	489	2-73		44	452	.00	21	36
64-25-0102	2435077	533769	1-68	3	305	17,237	4.09	705	11	11,337	4.47	507	3-73		42	896	-.14	25	57
64-25-0102	2471842	549235	11-68	2	289	16,210	3.92	636	11	12,495	4.34	542	4-72		40	656	-.17	12	37
64-25-0114	2609110	557482	7-71	1	305	15,390	3.85	592	11	8,420	4.11	346	3-73		35	649	-.09	20	43
64-44-0111	2343779	511244	6-65	6	294	13,155	4.88	642	13	10,833	4.62	501	3-73		44	462	-.01	20	36
64-44-0111	2401134	511244	8-66	3	305	13,507	4.86	656	18	10,600	4.63	491	7-72		42	496	-.02	21	38
64-44-0111	2401140	572363	10-66	4	301	15,007	4.71	707	9	10,575	4.71	498	12-71		35	656	.03	33	56
64-44-0111	2536116	552896	11-69	1	305	12,540	3.81	478	23	10,540	4.47	471	7-72		35	529	-.07	17	36
65-02-0021	2320530	501586	3-65	4	305	12,845	4.28	550	18	9,320	4.39	409	4-72		43	633	-.04	25	47
65-02-0021	2320532	501586	3-65	4	305	11,710	4.37	512	22	9,155	4.43	406	1-72		43	508	-.02	21	38
65-03-0017	2130042	546626	8-61	9	305	15,073	4.53	683	41	11,654	4.43	516	1-73		44	481	.05	27	42
65-03-0017	2312383	496783	3-64	5	297	15,958	3.90	622	46	11,506	4.45	512	1-72		44	697	-.07	24	48
65-03-0017	2371937	496783	2-66	5	305	14,528	4.39	638	60	11,976	4.46	534	2-73		44	464	.03	24	39
65-03-0017	2371961	550942	6-65	4	280	17,718	4.33	767	34	12,455	4.46	556	8-72		43	850	-.05	33	62
65-03-0017	2389002	553764	4-66	1	305	18,300	4.01	734	39	12,750	4.63	590	3-72		25	851	-.10	28	58
65-03-0017	2407694	546626	8-66	5	304	18,908	3.80	718	37	12,046	4.40	530	3-73		44	941	-.11	31	64
65-03-0017	2408184	546626	9-66	3	305	15,137	4.66	706	45	11,777	4.45	524	11-72		42	425	.07	27	40
65-03-0017	2524731	505970	8-69	2	305	15,710	3.69	580	56	11,555	4.64	536	9-72		40	887	-.23	15	49
65-03-0017	2526252	552896	12-69	1	305	14,180	4.71	668	52	12,580	4.58	576	1-72		35	530	.01	25	43
65-03-0017	2565701	546331	1-71	1	243	17,050	4.38	747	27	13,230	4.43	586	4-73	B	36	492	.01	24	40
65-03-0231	1975397	475546	8-59	9	304	15,112	4.29	648	20	11,947	4.60	550	4-72		44	566	-.02	24	43
65-03-0231	2244359	550942	9-63	7	303	16,270	4.06	660	22	12,404	4.70	583	10-72		44	699	-.13	18	43
65-03-0231	2279340	511244	9-64	5	303	15,998	4.69	751	14	12,902	4.64	599	5-72		44	617	-.04	24	45
65-03-0231	2362154	496783	6-66	5	304	14,238	5.09	725	18	12,984	4.54	590	12-72		44	322	.13	29	37
65-03-0231	2515156	546331	9-69	1	305	14,820	5.51	817	15	12,830	4.74	608	5-72		36	350	.11	28	38
65-04-0010	2527158	546331	2-70	1	305	15,050	4.41	663	5	11,080	4.56	505	6-72		36	471	.01	23	38
65-04-0033	2531264	571506	11-69	1	305	12,300	4.54	559	14	8,740	4.60	402	8-72		32	482	-.03	19	36
65-11-0032	2305485	557626	12-64	3	305	16,740	3.87	648	37	8,677	4.28	371	2-73		34	1,130	-.11	39	79
65-18-0022	2219899	511244	11-62	2	305	13,620	4.65	634	14	10,040	4.45	447	4-72		40	515	-.03	20	38
65-18-0022	2461006	546331	8-67	3	303	12,567	4.66	585	26	9,757	4.46	435	11-72		42	460	.05	26	41
65-18-0022	2496298	552896	1-69	2	299	12,215	4.31	526	28	9,565	4.46	427	8-72		40	607	-.03	25	46
65-19-0007	2363122	501586	1-66	1	305	15,770	4.13	652	19	11,440	4.30	492	2-73		35	590	-.05	22	42
65-19-0007	2590613	552896	9-71	1	289	13,070	4.35	568	19	11,570	4.29	496	2-73		35	507	-.01	22	39
65-19-0106	2421669	550942	8-67	3	305	14,817	4.19	621	37	11,230	4.52	508	1-73		42	584	-.06	20	41
65-19-0106	2469730	549588	8-68	2	305	16,745	3.95	661	33	12,140	4.29	521	1-72		40	578	-.09	17	38
65-19-0106	2514311	579271	8-69	2	305	15,330	4.46	683	46	11,875	4.45	529	10-72		25	479	.00	22	38
65-19-0106	2514319	533769	8-69	2	300	17,580	4.00	704	31	12,160	4.24	516	4-72		40	788	-.14	21	50
65-30-0002	2412044	540203	9-66	4	305	13,358	4.63	619	10	9,918	4.56	452	12-72		40	483	.02	24	40
65-33-0001	2418631	555991	8-67	2	202	14,235	4.44	632	55	11,655	4.60	536	3-72	B	30	502	-.03	20	37
65-41-0001	2394048	543530	5-65	5	305	11,832	4.60	544	18	8,612	4.56	393	6-72		35	440	.01	21	36
65-41-0001	2399907	542530	10-66	4	304	12,783	4.23	541	17	9,380	4.56	428	5-72		35	546	-.07	18	37
65-41-0001	2484136	555991	12-68	2	261	13,960	4.59	641	54	10,430	4.67	487	11-72		30	585	-.02	25	45
71-02-0008	2408402	556020	4-67	4	300	14,458	4.93	713	18	10,093	4.89	494	8-72		43	538	.05	30	47
71-07-0003	2132208	550287	4-61	5	270	12,908	4.15	536	33	9,016	4.31	389	1-72		35	721	-.06	27	52
71-07-0003	2229120	511244	9-63	4	285	14,195	4.64	658	79	11,418	4.63	529	11-72		43	521	-.05	19	37
71-07-0003	2515147	558947	7-69	2	305	16,775	4.17	700	38	10,365	4.31	447	11-72		40	627	-.01	28	49
71-07-0010	2295165	561515	10-64	4	305	14,095	4.24	598	9	11,075	4.20	465	4-72		30	485	-.01	21	37
71-07-0010	2312704	564586	3-65	4	305	14,345	4.45	638	10	11,025	4.14	456	8-72		30	529	.03	28	45
71-19-0038	2178957	549235	11-62	6	305	12,225	4.09	500	12	8,585	4.31	370	9-72		44	644	-.13	15	39
71-19-0038	2488851	569223	9-68	3	287	16,330	4.23	690	14	10,826	4.27	462	8-72		37	824	-.03	34	62
72-17-0006	2141727	545581	1-62	6	305	15,193	4.34	659	54	11,013	4.39	484	3-72		36	702	-.06	26	50
72-17-0006	2283542	540888	8-64	5	305	12,314	4.78	589	47	9,806	4.47	438	3-73		43	443	.06	27	41
72-17-0006	2323943	540888	1-65	5	305	13,600	4.23	575	58	10,326	4.35	449	6-72		43	557	-.01	24	43
72-17-0006	2382413	546331	9-66	4	299	14,550	4.42	643	65	9,368	4.56	427	9-72		44	763	.00	35	60
72-17-0006	2427126	540888	7-67	3	305	14,367	4.26	612	52	10,950	4.34	475	5-72		41	545	-.01	24	42
72-17-0006	2457629	546331	2-68	3	303	13,210	4.28	565	66	9,497	4.58	435	10-72		42	558	-.01	24	43
72-17-0006	2493380	553653	4-69	2	305	14,365	4.16	597	81	10,485	4.48	470	7-72		32	624	-.06	22	44
72-17-0006	2538116	546331	8-69	1	305	13,610	3.98	542	81	8,680	4.59	398	11-72		36	507	-.03	20	37
72-37-0001	2264640	533769	5-64	6	302	13,503	4.13	558	111	9,520	4.52	430	8-72		44	681	-.14	16	41
72-37-0001	2284430	540888	11-64	3	305	13,520	4.73	640	116	9,863	4.49	443	9-72		41	548	.05	30	47
72-37-0001	2340099	496783	8-65	5	301	12,014	4.79	576	104	9,512	4.46	424	7-72		44	394	.08	27	39
72-37-0001	2340120	496783	10-65	4	305	12,858	4.40	566	114	9,853	4.48	441	7-72		44	452	.02	23	38
72-37-0001	2340124	546626	11-65	5	287	12,784	4.74	606	144	9,914	4.49	445	12-72		44	364	.08	25	36
72-37-0001	2394164	564274	11-66	3	305	14,167	4.73	670	142	10,163	4.45	452	3-72		34	420	.04	24	37
72-37-0109	2383798	528424	12-66	1	305	15,970	4.30	687	17	11,420	4.52	516	10-72		35	504	-.02	21	38
72-40-0110	2325353	540888	6-65	4	305	12,578	4.33	545	89	9,965	4.27	426	9-72		42	449	.01	22	37
72-40-0110	2336184	540888	9-65	3	305	13,433	4.15	558	80	10,673	4.23	452	8-72		41	462	-.01	20	36
72-40-0110	2343138	540888	11-65	4	301	14,495	4.18	606	69	10,085	4.24	428	6-72		42	678	-.02	29	52

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	Y C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
72-40-0110	2372177	528424	7-66	3	303	14,287	4.20	600	84	10,227	4.26	436	9-72	H	42	602	-.02	25	$ 45
72-40-0110	2389426	496783	11-66	4	304	14,898	4.08	608	50	10,705	4.22	452	5-72		44	620	-.01	27	48
72-40-0110	2393680	568538	8-66	3	305	12,590	4.37	550	110	10,033	4.30	431	9-71		36	464	.01	22	37
72-40-0110	2414906	528424	5-67	4	297	13,703	3.97	544	90	10,510	4.23	445	11-72		43	531	-.06	18	37
72-40-0110	2539636	546331	7-70	1	303	15,210	3.96	603	61	11,130	4.06	452	12-72		36	480	-.01	21	37
72-40-6126	2172757	541496	9-62	6	265	13,073	4.64	606	35	8,733	4.82	421	1-72	A	36	711	-.01	31	55
72-46-0028	2426040	512974	5-67	3	305	14,447	4.93	712	29	10,927	4.31	471	1-72		42	440	.05	25	39
73-03-0003	2182701	511404	9-62	6	305	14,802	4.05	600	68	10,503	4.42	464	3-72		38	639	-.09	19	42
73-03-0003	2194013	553653	2-62	8	305	12,565	4.49	564	70	10,246	4.31	442	4-72		38	495	.01	24	40
73-03-0003	2340165	553653	8-64	2	225	13,890	5.06	703	37	11,440	4.25	486	5-72		32	482	.10	33	47
73-03-0003	2340206	553653	2-65	5	284	13,154	4.77	628	35	11,160	4.28	478	8-72		38	474	.07	29	44
73-03-0003	2349033	553653	8-65	5	303	13,390	4.38	587	79	10,914	4.39	479	3-73		38	537	-.02	23	41
73-03-0003	2425412	553653	11-66	4	303	12,975	4.43	575	84	10,007	4.55	455	2-73		37	568	-.03	23	42
73-03-0003	2425413	553653	11-66	4	301	13,055	4.58	598	79	10,862	4.47	485	9-72		37	484	.01	23	39
73-03-0003	2429775	568538	10-66	5	304	15,112	4.36	659	102	11,086	4.44	492	2-73		38	738	-.02	32	57
73-03-0003	2452850	568538	1-68	2	305	15,235	4.65	709	81	10,950	4.38	480	4-72		33	649	.04	34	55
73-03-0003	2452871	568538	9-67	3	305	13,623	4.76	648	93	10,266	4.59	471	7-72		36	573	.03	30	48
73-03-0003	2493351	553653	11-68	2	305	13,640	4.69	640	77	10,345	4.61	477	8-72		32	554	.01	26	44
73-03-0003	2493354	573699	12-68	3	305	15,123	3.93	595	110	11,076	4.51	500	2-73		34	642	-.13	15	39
73-03-0003	2493365	553653	5-69	2	302	13,420	4.53	608	90	10,710	4.56	488	12-72		32	495	-.01	22	39
73-03-0003	2493375	553653	1-69	2	305	16,540	3.81	630	77	10,395	4.60	478	6-72		32	882	-.14	25	57
73-03-0003	2515849	553653	11-69	1	305	15,530	4.21	654	105	11,340	4.59	520	12-71		27	561	-.05	20	40
73-03-0003	2515871	573324	1-69	2	305	15,410	4.44	684	103	11,205	4.54	509	11-72		25	557	-.01	24	43
73-03-0003	2517115	564125	9-69	2	305	15,605	4.04	630	126	11,395	4.54	517	12-72		32	654	-.11	18	42
73-03-0003	2540716	553653	10-70	1	305	13,960	4.62	645	99	10,080	4.69	473	10-72		27	513	.00	23	40
73-03-0003	2540725	553653	10-70	1	305	15,010	4.15	623	90	11,330	4.38	496	2-73		27	517	-.04	19	37
73-03-0003	2548845	553653	11-70	1	305	15,140	4.46	675	101	10,380	4.64	482	11-72		27	593	-.02	25	45
73-09-0035	2286870	553653	10-63	5	284	13,578	4.27	580	45	11,378	4.30	489	10-71	B	38	510	-.02	21	38
73-37-0033	2414473	568366	5-67	3	218	13,950	4.13	576	15	10,067	4.42	445	4-72	B	29	549	-.07	18	37
73-37-0038	2492247	558947	3-69	2	271	19,335	4.55	880	18	13,495	4.47	603	12-72		40	632	.04	33	53
73-37-0038	2512112	558237	8-69	2	228	21,285	4.20	894	19	13,880	4.48	622	12-72		40	1,030	-.15	30	67
73-37-0038	2531114	558947	2-70	1	305	20,020	4.93	986	13	13,140	4.60	605	2-73		35	531	.08	33	49
73-55-0030	2335827	564125	10-65	5	257	14,826	4.42	655	16	10,140	4.38	444	6-72	B	37	812	-.03	34	62
74-04-0109	2374319	548809	5-66	4	305	12,787	4.32	553	57	9,462	4.60	435	5-72		34	513	-.04	19	37
74-15-0212	2367723	562273	2-66	1	293	15,330	4.59	704	29	9,940	4.42	439	8-72		23	533	.02	27	44
74-45-0005	2376666	562273	8-66	2	305	14,815	4.17	618	8	10,975	4.28	470	4-73		29	530	-.03	21	39
81-56-9033	2296594	533769	3-65	3	301	17,673	4.35	769	19	11,700	4.97	581	11-72		42	913	-.15	25	58
82-11-0111	2524772	572639	3-70	1	305	17,210	4.15	714	13	11,600	4.32	501	5-72		27	730	-.01	32	57
82-11-0111	2524900	572593	12-69	2	305	15,340	4.35	668	17	11,760	4.18	492	3-73		39	427	.05	25	38
82-11-0111	2536812	577769	9-69	2	305	14,930	4.47	668	19	11,160	4.21	470	3-73		25	501	.03	26	42
82-13-0197	2398237	511244	5-66	4	305	13,345	4.50	600	17	9,818	4.98	489	9-72		43	574	-.10	15	36
82-13-0197	2407366	511244	8-65	5	305	14,018	4.31	604	19	9,724	4.96	482	11-72		44	690	-.13	17	42
82-13-0197	2517283	553256	7-69	1	305	15,070	4.55	686	12	8,850	4.78	423	6-72		23	513	.00	24	41
82-36-0313	2472933	552896	7-68	2	298	13,260	3.94	522	9	8,730	4.31	376	2-73		40	782	-.07	28	55
82-45-0171	2145520	549579	3-62	5	286	15,898	3.91	622	18	10,628	4.42	470	1-72		35	980	-.13	30	65
82-45-0171	2480253	552188	12-68	3	305	14,920	4.75	708	24	11,596	4.58	531	3-73		34	587	.02	29	48
82-48-0150	2248611	549235	3-63	6	284	13,848	4.08	565	29	10,233	4.71	482	8-72		44	683	-.18	12	38
82-48-0150	2441539	549335	10-67	4	298	13,560	4.82	653	22	9,842	4.54	447	1-73		42	529	.09	34	50
82-49-0115	2492355	533769	12-68	2	305	13,945	4.17	581	11	9,460	4.67	442	7-72		40	639	-.14	14	38
82-51-0191	2453577	546331	6-67	2	305	12,315	4.90	604	10	8,970	4.44	398	6-72		40	467	.07	29	43
82-51-0191	2462296	552896	3-68	1	305	11,130	4.54	505	25	8,110	4.45	361	8-71		35	569	.00	26	45
82-52-0169	2287609	533769	2-64	6	305	14,743	3.93	580	28	10,523	4.42	465	6-72		44	737	-.16	16	43
83-10-9110	2358200	546331	1-66	4	305	15,785	4.12	651	8	12,050	4.56	550	11-72		44	651	-.05	24	47
84-03-0018	2301022	560917	11-64	6	305	14,353	4.74	681	21	11,371	4.71	536	3-72		35	553	.02	28	46
84-03-0018	2439166	560917	11-67	3	297	14,653	4.91	719	11	11,636	4.95	576	1-73		32	517	.03	27	44
84-03-0018	2439167	560917	10-67	3	305	14,426	4.73	682	14	11,570	4.81	556	10-72		32	493	.01	24	40
84-07-9050	2381001	539419	5-66	4	305	14,143	4.55	643	25	10,030	4.59	460	12-72		43	616	-.05	23	44
84-18-9055	2505510	552896	10-69	1	305	16,470	4.13	680	16	12,670	4.70	596	3-72		35	697	-.06	25	49
84-18-9055	2546909	552896	3-70	1	305	13,490	4.91	662	12	12,360	4.52	559	9-72		35	491	.03	26	42
85-03-0041	2388664	550942	1-67	4	305	13,458	4.41	593	7	10,238	4.50	461	9-72		43	541	-.04	21	40
85-03-0041	2422097	530085	9-67	1	305	14,360	3.61	519	13	11,070	4.19	464	3-73		25	641	-.10	19	42
85-03-0041	2518158	573318	1-70	1	305	16,680	4.53	755	8	11,180	4.48	501	1-72		27	603	.01	29	49
85-03-9016	1892552	515501	11-57	6	300	13,535	4.37	591	28	10,862	4.34	471	5-72		44	547	-.05	20	39
85-03-9016	2446788	511244	1-68	2	227	15,380	4.66	717	41	11,470	4.52	518	2-73		40	578	-.03	23	43
85-21-9001	2023827	463153	8-60	7	290	15,354	4.06	624	585	11,296	4.26	481	8-72		43	842	-.08	30	59
85-21-9001	2181583	544348	10-62	6	303	15,048	4.17	628	551	11,518	4.24	488	8-71		35	613	-.05	23	44
85-21-9001	2313856	511244	3-65	3	304	16,493	3.84	634	598	11,383	4.31	491	1-73		42	771	-.16	18	46
85-21-9001	2313872	526592	4-65	6	286	14,488	4.32	626	542	11,640	4.14	482	7-72		42	380	.08	26	37
85-21-9001	2330287	529773	12-64	5	301	15,000	4.34	651	650	12,026	4.18	503	1-72		44	488	.06	29	44
85-21-9001	2331868	511244	11-65	4	296	15,453	3.96	612	608	11,573	4.21	487	3-73		43	662	-.12	17	41
85-21-9001	2343505	533769	12-65	5	290	15,162	3.92	595	607	11,416	4.28	489	6-72		44	699	-.16	15	41
85-21-9001	2361435	533769	5-66	4	293	16,108	3.89	626	607	11,253	4.24	477	6-72		44	813	-.16	20	50
85-21-9001	2361444	533769	3-66	5	286	13,502	4.64	627	538	11,562	4.19	485	9-72		44	470	-.01	20	36
85-21-9001	2375185	511244	7-66	5	294	15,122	4.46	674	563	11,128	4.34	483	8-72		44	688	-.05	26	50
85-21-9001	2390534	511244	12-66	4	299	15,338	3.89	596	548	11,513	4.21	485	3-73		43	654	-.14	15	39
85-21-9001	2390542	550942	1-67	3	292	14,627	4.12	602	671	11,500	4.18	481	5-72		42	537	-.04	20	39
85-21-9001	2390545	533769	12-66	4	301	15,153	4.09	620	610	11,508	4.25	489	4-73		44	670	-.12	18	42
85-21-9001	2390568	533769	11-66	3	292	14,823	3.90	578	656	11,433	4.18	478	2-73		42	610	-.14	13	36
85-21-9001	2409807	567333	4-67	4	298	14,875	4.00	595	567	11,468	4.15	476	5-72		34	598	-.06	21	42
85-21-9001	2419271	567333	5-67	4	285	14,970	4.09	612	603	11,085	4.34	481	7-72		34	656	-.07	23	46
85-21-9001	2419341	511244	8-67	4	289	13,723	4.72	648	591	11,040	4.40	486	9-72		43	500	-.01	22	39
85-21-9001	2434643	567333	9-67	3	299	14,107	4.32	610	640	11,267	4.25	479	6-72		32	482	-.01	21	37
85-21-9001	2445633	550772	2-68	3	299	16,440	3.97	653	666	11,660	4.16	485	3-72		40	633	-.12	16	39
85-21-9001	2445655	556765	3-68	3	305	16,850	4.06	684	635	11,267	4.25	479	7-72		42	669	-.11	19	43
85-21-9001	2460624	567333	4-68	3	303	14,740	4.09	603	628	11,437	4.18	478	5-72		32	549	-.04	21	40

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERD-RATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
85-21-9001	2460636	511244	4-68	3	305	15,680	4.50	706	576	11,370	4.22	480	8-72		42	678	-.03	28	$ 51
85-21-9001	2460655	511244	4-68	2	305	15,855	4.16	660	610	11,295	4.36	493	6-72		40	641	-.10	19	42
85-21-9001	2460690	567333	6-68	3	302	14,367	4.61	662	627	10,980	4.35	478	7-72		32	549	.04	29	47
85-21-9001	2460729	556637	7-68	3	276	15,243	4.36	665	696	11,017	4.37	481	6-72		40	617	.00	28	49
85-21-9001	2460764	567333	9-68	3	281	15,393	4.18	644	633	11,223	4.44	498	11-72		32	661	-.06	24	47
85-21-9001	2460775	572155	9-68	2	288	14,570	4.74	690	704	11,475	4.37	501	11-71		30	388	.06	24	36
85-21-9001	2469906	556637	8-68	3	304	15,837	4.32	684	709	11,237	4.36	490	12-72		40	667	-.01	30	52
85-21-9001	2473166	567333	11-68	3	301	13,463	4.65	626	668	11,083	4.33	480	2-73		32	415	.05	24	37
85-21-9001	2489382	511244	2-69	3	290	14,927	4.25	635	541	11,447	4.28	490	3-73		42	583	-.08	18	39
85-21-9001	2489400	573318	1-69	3	295	13,983	4.62	646	687	11,500	4.34	499	12-72		35	460	.05	26	41
85-21-9001	2489402	567333	1-69	3	302	15,117	4.22	638	643	11,507	4.28	493	3-73		32	593	-.03	24	44
85-21-9001	2489413	572399	1-69	2	305	15,735	4.09	643	697	11,550	4.29	495	4-72		29	589	-.05	22	42
85-21-9001	2489416	511244	1-69	3	300	14,340	4.38	628	503	11,453	4.28	490	4-73		42	514	-.05	18	36
85-21-9001	2491825	556637	3-69	2	305	14,325	4.59	657	672	11,630	4.27	497	4-72		38	410	.05	24	37
85-21-9001	2491830	567333	3-69	3	301	14,590	4.47	652	611	11,493	4.29	493	4-73		32	523	.02	26	43
85-21-9001	2499013	572155	6-69	2	305	15,285	4.55	696	679	11,080	4.44	492	10-72		30	511	.01	25	42
85-21-9001	2499021	572399	6-69	2	299	15,510	4.64	720	683	11,355	4.35	494	5-72		29	580	.04	31	50
85-21-9001	2499040	573318	5-69	2	305	15,505	4.71	731	631	11,250	4.36	491	6-72		32	622	.06	35	55
85-21-9001	2504820	567333	10-69	2	305	15,155	4.15	629	580	11,195	4.50	504	11-72		29	570	-.06	20	40
85-21-9001	2504846	573318	9-69	2	292	14,495	4.48	650	625	11,300	4.42	500	2-73		32	501	.02	25	41
85-21-9001	2504855	567333	9-69	2	270	14,505	4.37	637	595	11,110	4.47	497	8-72		29	510	-.02	21	38
85-21-9001	2504866	573318	8-69	2	301	13,685	4.77	653	603	11,110	4.49	499	10-72		32	425	.05	25	38
85-21-9001	2508454	558947	12-69	2	300	15,910	4.49	714	635	11,605	4.35	505	1-73		40	437	.04	24	38
85-21-9001	2521729	558947	2-70	2	304	16,145	4.49	725	592	11,430	4.28	489	3-73		40	475	.05	27	42
85-21-9001	2521743	533769	1-70	2	305	15,750	4.39	692	631	11,395	4.32	492	3-73		40	665	-.08	22	45
85-21-9001	2537654	573318	6-70	1	305	15,600	4.22	659	612	10,730	4.44	476	8-72		27	541	-.02	23	41
85-21-9001	2555512	573318	9-70	1	305	14,670	5.04	740	592	10,690	4.47	478	10-72		27	465	.07	29	43
85-21-9001	2555533	552896	10-70	1	305	12,690	4.50	571	656	10,770	4.46	480	10-72		35	527	-.01	23	41
85-21-9001	2555551	552896	11-70	1	273	13,200	4.50	594	656	10,770	4.46	480	10-72		35	565	-.01	25	44
85-21-9001	2555578	552896	12-70	1	305	16,510	4.78	790	699	10,970	4.33	475	2-73		35	803	.03	40	66
85-21-9001	2555615	573318	2-71	1	299	14,390	4.51	649	609	10,910	4.34	474	1-73		27	426	.02	22	36
85-21-9001	2571433	552896	2-71	1	305	13,280	4.37	580	544	11,000	4.29	472	3-73		35	557	-.01	25	44
86-01-0093	2391332	548806	8-66	1	299	15,490	4.65	720	112	11,890	4.34	516	1-73		24	478	.01	23	39
86-01-0093	2391337	491754	1-67	2	305	14,280	4.48	640	121	12,500	4.16	520	2-73		36	457	.02	23	38
86-01-0093	2488877	546331	12-68	1	305	17,620	4.51	794	98	11,970	4.34	519	2-73		36	610	.04	32	52
86-01-0093	2525062	552896	3-68	1	266	12,990	4.11	534	127	11,350	4.26	484	9-71		35	514	-.03	20	38
86-01-0420	2236834	533358	7-63	6	302	15,723	3.98	625	45	11,405	4.17	476	1-73		36	621	-.05	23	45
86-01-0420	2470994	533769	9-66	4	305	14,720	4.16	613	47	11,748	4.23	497	11-72		44	593	-.10	16	38
86-01-0420	2479268	533769	1-69	2	299	14,095	4.53	638	55	10,735	4.30	462	9-72		40	550	-.06	19	38
86-01-0420	2502660	571339	7-69	2	299	16,055	3.91	627	53	12,080	4.21	509	1-73		25	550	-.09	16	36
86-01-9039	2251793	491754	2-64	7	296	14,085	3.96	558	48	10,782	4.43	478	7-72		41	671	-.11	19	43
86-01-9039	2412770	558346	7-67	2	305	15,755	4.21	663	54	11,875	4.42	525	1-72		29	583	-.05	21	41
86-01-9039	2425765	558346	9-67	3	297	14,817	4.18	620	48	11,740	4.50	528	2-72		32	534	-.07	17	36
86-01-9039	2442578	558346	10-67	3	298	15,550	4.00	622	46	11,003	4.50	495	12-72		32	712	-.11	21	47
86-01-9039	2448741	546626	2-68	3	305	14,607	4.86	709	54	11,057	4.43	490	2-73		42	430	.10	30	43
86-01-9039	2479508	546626	9-68	2	293	16,565	4.29	711	78	11,930	4.40	525	2-72		40	505	.02	25	42
86-01-9039	2497812	557896	3-69	1	305	15,840	3.98	631	47	10,090	4.45	449	11-72		27	636	-.09	19	42
86-01-9039	2564487	546626	1-71	1	303	19,180	4.23	812	42	9,650	4.39	424	3-73		35	708	.01	34	57
86-01-9478	2007557	499468	1-60	6	291	14,708	4.66	686	13	9,553	4.65	444	4-72		43	565	.04	30	48
86-01-9478	2168677	550866	9-62	4	305	16,793	4.27	717	20	10,088	4.51	455	11-72		35	869	-.05	34	64
86-01-9478	2177984	493764	5-61	6	297	15,238	4.65	708	13	10,333	4.44	459	10-72		44	543	.07	32	49
86-01-9478	2302252	499468	11-64	5	305	15,138	4.31	652	13	10,132	4.54	460	3-72		43	560	-.02	24	43
86-01-9478	2402458	570649	2-67	4	276	14,363	4.27	613	17	11,258	4.37	492	8-72		30	504	-.03	20	37
86-01-9478	2546245	573520	7-70	1	305	19,160	3.83	733	13	10,600	4.05	429	1-73		25	756	-.07	27	53
86-02-9012	2160229	491754	5-62	8	300	15,208	4.18	636	103	12,600	4.30	542	4-73		41	625	-.05	23	45
86-02-9012	2219025	549212	7-63	6	287	15,320	4.16	637	138	12,432	4.26	529	3-72		32	528	-.04	20	38
86-02-9012	2318017	491754	1-65	6	297	16,195	3.82	618	108	12,580	4.28	539	8-72		41	763	-.13	21	49
86-02-9012	2351949	566944	2-66	5	296	16,010	3.80	608	137	12,154	4.32	525	3-73		36	743	-.16	16	44
86-02-9012	2377185	566236	8-66	5	302	13,112	4.90	643	111	11,360	4.44	504	1-73		36	366	.08	25	36
86-02-9012	2377191	566236	7-66	4	300	16,077	3.86	620	166	13,187	4.18	551	2-72		35	571	-.09	16	37
86-02-9012	2386323	546331	7-66	4	299	14,568	4.27	622	141	11,880	4.25	505	4-72		44	517	.01	25	42
86-02-9012	2396715	546331	12-66	3	305	18,987	3.73	708	183	12,837	4.19	538	3-72		42	915	-.10	31	63
86-02-9012	2401353	546331	12-66	2	305	15,980	4.37	698	161	12,450	4.25	529	5-72		40	557	.02	28	46
86-02-9012	2416690	566944	7-67	3	180	17,923	4.20	752	96	11,756	4.35	511	3-72	B	34	979	-.09	35	69
86-02-9012	2427813	557186	8-66	5	305	14,422	4.63	668	136	12,064	4.29	518	4-73		38	499	.08	31	46
86-02-9012	2433764	546331	10-67	2	305	17,540	3.93	690	170	13,165	4.17	549	1-72		40	657	-.04	26	49
86-02-9012	2437641	546331	9-67	2	305	17,320	3.86	668	189	11,775	4.27	503	2-72		40	748	-.07	27	53
86-02-9012	2442184	566479	3-68	2	305	17,485	3.84	672	199	12,080	4.30	519	3-72		30	689	-.10	21	46
86-02-9012	2444173	550462	10-67	3	295	16,923	4.29	726	167	12,746	4.11	524	4-72		34	550	.07	33	50
86-02-9012	2444184	550462	9-67	3	305	15,270	4.45	679	152	12,520	4.17	522	9-72		34	356	.10	27	37
86-02-9012	2456043	568183	1-68	1	305	16,450	4.47	736	137	10,640	4.47	476	8-72		19	560	-.01	25	44
86-02-9012	2456046	546331	2-68	1	305	16,760	3.77	632	152	10,950	4.50	493	10-72		36	606	-.06	21	42
86-02-9012	2457830	568582	4-68	3	303	13,993	4.60	643	156	11,680	4.40	505	11-72		32	402	.04	23	36
86-02-9012	2467167	553667	6-68	3	292	15,226	4.54	691	166	11,733	4.40	516	11-72		42	547	.05	30	47
86-02-9012	2489478	575166	1-69	2	305	17,405	4.47	778	161	11,305	4.34	491	12-72		25	799	.00	37	64
86-02-9012	2490725	536658	12-68	2	298	16,650	4.07	677	180	11,285	4.27	482	4-72		30	670	-.04	26	49
86-02-9012	2490731	571378	12-68	2	293	15,475	3.90	604	211	11,630	4.25	494	3-72		30	589	-.11	15	37
86-02-9012	2496304	533769	3-69	1	305	17,630	4.62	814	161	10,970	4.48	492	10-72		36	719	-.07	25	50
86-02-9012	2499387	559695	3-69	2	305	17,465	3.74	654	153	12,060	4.39	529	2-73		38	731	-.19	13	41
86-02-9012	2502116	571726	5-69	1	305	17,060	4.53	772	203	11,820	4.32	511	1-72		24	545	.00	25	43
86-02-9012	2507842	546331	5-68	2	305	15,520	3.84	596	150	11,535	4.39	506	10-72		40	584	-.06	20	41
86-02-9012	2507994	557896	7-69	2	301	16,045	4.53	727	161	12,155	4.36	530	2-73		32	629	-.02	27	48
86-02-9012	2507995	557896	7-69	2	273	15,520	4.18	649	182	11,605	4.39	509	11-72		32	619	-.08	20	42
86-02-9012	2520168	553667	5-69	2	289	13,135	4.90	643	151	10,705	4.37	468	9-72		40	371	.09	27	38
86-02-9012	2520176	553667	7-69	2	305	13,840	4.83	669	131	11,725	4.26	500	3-73		40	359	.10	27	37

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
86-02-9012	2524699	575323	12-69	1	305	15,450	4.41	682	201	11,820	4.32	511	1-72	22	456	.02	23	$ 38
86-02-9012	2555883	546331	1-71	1	305	16,410	4.20	690	115	12,780	4.21	538	3-73	36	471	.01	23	38
91-10-0069	2357278	546331	5-66	5	305	14,454	4.96	717	19	12,372	4.81	595	4-73	44	467	.06	28	42
91-10-0069	2501531	570111	7-69	2	305	17,570	4.14	728	20	13,035	4.86	633	3-73	32	818	-.19	16	47
91-10-0069	2503247	572639	10-69	2	305	15,895	4.61	732	15	14,000	4.81	674	3-73	32	517	-.01	23	40
91-10-0083	2465703	570111	8-68	3	304	17,310	3.60	624	23	13,040	4.77	622	1-73	34	855	-.30	6	40
91-10-0083	2465707	572639	11-68	3	305	14,700	4.80	705	21	12,770	4.64	593	2-73	35	520	.05	29	45
91-10-0083	2474380	572639	10-68	3	305	17,046	4.41	752	23	12,860	4.66	599	2-73	35	816	-.02	35	63
91-10-0083	2500400	572639	10-69	2	305	15,130	4.72	714	18	13,540	4.56	618	1-73	32	471	.04	26	41
91-10-5020	2500401	572639	10-69	1	305	15,650	4.70	736	20	12,830	4.65	596	1-72	27	512	.03	27	43
91-10-5034	2378232	546331	10-66	4	305	14,940	4.75	709	12	11,740	4.79	562	5-72	44	577	.03	30	49
91-10-5034	2513609	553667	1-69	2	305	14,370	4.78	687	10	11,440	4.81	550	7-72	40	436	.05	25	39
91-10-5069	2087567	506916	2-61	9	305	15,278	4.31	659	30	11,112	4.99	554	12-72	43	596	-.10	16	38
91-10-5069	2277047	560998	11-64	4	305	17,040	4.69	800	25	11,575	4.94	572	5-72	30	872	-.02	38	67
91-10-5069	2313412	546331	3-65	5	304	12,930	5.20	673	16	11,208	4.86	545	8-72	44	390	.10	28	39
91-10-5069	2396553	569913	9-66	4	305	16,565	4.17	690	21	11,463	5.02	576	8-72	30	814	-.15	21	51
91-10-5069	2450660	546331	9-66	3	305	14,470	4.78	691	22	12,010	4.85	583	4-72	42	472	.03	25	40
91-10-5069	2480130	572639	10-68	2	305	17,515	4.60	805	21	13,005	4.74	616	3-72	32	794	.01	37	63
91-10-5069	2486918	572639	3-69	2	305	15,085	5.06	763	20	12,710	4.74	602	11-72	32	542	.08	33	50
91-10-5069	2497864	546331	4-68	1	305	16,260	5.26	855	29	13,650	4.77	651	1-72	36	408	.09	28	40
91-10-5069	2501536	572639	3-69	2	305	15,475	4.89	757	21	12,490	4.76	595	10-72	32	607	.05	33	52
91-10-5069	2577129	577346	1-71	1	305	16,590	4.14	686	27	12,540	4.86	609	11-72	26	641	-.11	18	41
91-10-5083	2420196	546331	1-67	4	304	13,925	4.83	673	25	11,753	4.82	566	7-72	44	450	.04	25	39
91-10-5083	2423352	546331	3-67	3	299	13,770	5.19	715	22	12,177	4.57	556	10-72	42	376	.12	30	40
91-10-5083	2465699	572639	7-68	2	305	16,795	4.84	813	22	12,485	4.77	595	3-72	32	759	.05	40	64
91-10-5083	2465705	572639	11-68	2	305	15,100	4.83	729	22	12,350	4.71	582	3-72	32	577	.04	31	49
91-10-5083	2486915	572639	1-69	2	305	14,950	5.08	760	20	12,000	4.84	581	7-72	32	592	.07	35	53
91-10-5083	2524770	572639	3-70	1	305	14,930	4.98	743	14	13,840	4.67	647	1-73	27	381	.06	24	36
91-10-5083	2524776	577346	4-70	1	305	15,800	4.28	676	26	12,370	4.93	610	7-72	26	585	-.09	17	38
91-10-5083	2524784	577346	4-70	1	305	16,260	4.98	810	16	13,470	4.80	646	11-72	26	548	.01	26	44
91-11-5003	2302969	533769	11-64	6	304	14,615	4.52	661	7	10,797	4.82	520	7-72	44	693	-.11	20	45
91-11-5003	2373351	546331	7-66	4	303	14,640	4.61	675	13	11,583	4.85	562	6-72	44	556	.00	26	44
91-11-5003	2555789	558793	7-70	1	305	16,340	4.29	701	8	11,930	4.70	561	11-72	33	485	-.02	20	36
91-12-0013	2395533	559320	1-67	4	297	16,520	5.24	865	7	12,827	4.66	598	1-73	39	587	.10	38	56
91-12-0013	2492465	553667	1-69	3	301	17,100	4.73	808	10	13,616	4.69	638	1-73	42	589	.05	32	51
91-12-0028	2365655	546331	10-65	2	305	14,620	5.38	787	18	12,160	4.66	567	1-72	40	442	.13	34	47
91-12-0028	2465048	546331	7-68	2	305	15,925	4.68	746	15	12,710	4.57	581	2-73	40	530	.04	29	46
91-12-0028	2465051	546331	8-68	2	304	15,165	4.60	697	15	12,705	4.52	574	12-72	40	453	.04	25	39
91-12-0028	2465056	562021	7-68	2	305	16,445	4.48	737	23	12,345	4.54	560	11-72	40	452	.02	23	38
91-12-0028	2479694	546331	4-69	2	305	15,300	4.77	730	14	12,600	4.60	579	3-73	40	476	.06	28	43
91-12-0028	2512643	546331	8-69	1	305	15,800	4.70	743	14	12,420	4.40	546	4-72	36	447	.05	26	40
91-12-0045	2123811	500335	7-61	6	305	14,943	4.68	699	24	11,737	4.73	555	6-72	36	523	.01	25	42
91-12-0045	2168959	538794	8-62	6	305	13,805	4.79	661	37	10,995	4.83	531	4-72	35	473	.00	22	38
91-12-0045	2544859	546331	9-69	2	305	14,180	4.84	687	32	11,105	4.73	525	1-73	40	483	.05	28	43
91-12-0096	2457534	569809	11-67	3	305	18,700	4.02	751	8	13,470	4.63	623	1-72	32	979	-.17	26	62
91-12-0096	2458780	569809	10-67	3	235	15,427	4.52	698	7	12,480	4.62	577	10-72	32	644	-.05	24	46
91-12-0096	2460990	569809	7-66	5	304	16,910	4.07	689	8	12,646	4.59	580	3-73	35	895	-.15	24	56
91-12-0096	2463008	569809	9-66	4	302	14,350	4.58	657	7	12,675	4.57	579	9-72	34	494	-.03	19	36
91-12-0096	2483956	546331	3-69	2	305	16,055	4.04	648	10	13,605	4.21	573	1-73	40	471	-.02	20	36
91-12-0146	2397844	546331	9-66	2	305	13,250	4.73	627	6	11,175	4.32	483	2-73	40	383	.07	25	37
91-12-5146	2361650	568868	1-66	3	305	15,817	4.29	679	12	11,867	4.44	527	8-72	29	610	-.04	24	45
91-38-0041	2517377	560470	5-66	2	305	11,375	5.41	615	31	9,570	4.90	469	5-72	30	374	.09	27	38
91-38-0041	2517383	560470	3-67	4	305	11,565	5.28	610	22	9,330	4.86	454	3-73	35	455	.09	31	45
91-38-0041	2517389	560470	4-66	2	305	11,510	5.16	594	31	9,640	4.91	473	10-72	30	383	.06	24	34
91-40-0018	2468207	533769	6-68	2	241	14,765	4.57	675	12	10,975	4.44	487	1-73	40	599	-.07	20	41
91-42-0005	2415007	491754	8-67	4	305	14,180	4.35	617	21	11,705	4.55	533	3-73	40	567	-.05	21	41
91-42-0006	2133908	554752	7-61	7	305	12,619	4.10	517	16	8,424	4.58	386	3-73	32	608	-.08	19	41
91-42-5005	2415004	546331	9-67	3	305	14,653	4.62	677	14	10,903	4.45	485	8-72	42	595	.04	32	51
91-42-5005	2459545	546331	7-68	3	302	12,823	4.74	608	17	10,930	4.51	493	9-72	42	382	.06	24	36
91-42-5005	2459547	546331	7-68	3	304	13,517	4.48	605	16	10,840	4.51	489	9-72	42	470	.02	24	39
91-42-5005	2459548	546331	7-68	2	304	14,660	4.58	671	15	11,025	4.45	491	10-72	40	539	.04	29	46
91-50-0021	2630528	572639	11-70	1	305	13,740	4.18	574	6	10,070	4.42	445	3-73	27	537	-.01	24	42
91-54-0063	2356150	546331	2-66	4	305	14,483	4.43	641	8	12,628	4.29	542	1-72	44	433	.03	23	37
91-54-0063	2567579	575601	4-70	1	305	14,220	4.54	646	8	11,550	4.32	499	6-72	22	475	-.01	21	37
91-54-0063	2594026	575601	12-69	1	305	14,410	4.82	694	12	12,530	4.13	517	2-73	22	421	.04	24	37
91-58-0020	2516887	529105	1-69	3	305	13,270	5.24	695	6	11,077	4.59	508	4-73	29	337	.12	28	37
91-58-0025	2386322	546331	7-66	5	277	13,366	4.53	605	30	11,138	4.53	504	3-73	44	454	.02	23	38
91-58-0025	2471233	546331	7-68	3	305	13,820	5.11	706	27	11,757	4.73	556	3-73	42	420	.09	29	41
91-58-0035	2547759	552896	3-69	2	305	13,895	4.67	649	7	12,240	4.89	598	9-72	40	560	-.02	23	42
91-58-0045	2222246	552494	8-63	8	305	17,840	4.63	826	26	13,610	4.78	650	3-73	32	778	-.02	34	60
91-58-0045	2226393	511244	4-63	3	305	18,127	4.34	787	30	13,347	4.82	643	3-73	42	778	-.12	22	50
91-58-0045	2519609	546331	11-69	2	305	13,770	4.77	657	13	11,625	4.43	515	2-73	40	399	.06	25	37
91-58-0145	2026463	475548	4-60	8	303	13,755	4.35	598	19	10,141	4.75	482	4-72	44	578	-.01	25	44
91-58-0145	2434028	550772	5-66	5	300	16,242	4.29	696	15	11,106	4.75	528	2-73	42	738	-.13	20	47
91-58-0145	2500397	572639	8-69	1	305	15,790	4.04	638	28	12,050	4.76	573	3-72	27	577	-.06	20	40
91-58-0145	2535575	546331	8-69	2	305	15,150	4.63	702	9	12,680	4.69	595	1-73	40	454	.02	23	38
91-58-0145	2535588	543158	2-70	1	305	16,140	4.15	670	23	11,490	4.80	552	7-72	35	636	-.12	16	39
91-58-0212	2446819	496783	11-67	3	294	14,967	4.47	669	17	12,213	4.63	566	1-72	42	455	.02	23	38
91-58-0212	2515948	546331	3-70	1	305	14,420	5.26	759	26	11,010	4.59	505	6-72	36	429	.10	30	43
91-58-5007	2428617	546331	6-67	3	305	15,493	4.33	671	21	11,413	4.83	551	5-72	42	644	-.03	26	48
91-58-5007	2438918	572476	11-67	3	295	14,636	4.71	690	30	11,450	4.89	560	10-71	32	497	-.02	21	38
91-58-5007	2535062	558793	9-69	1	270	18,450	4.66	859	26	11,690	4.64	543	1-72 B	33	665	.03	34	56
91-58-5019	1999322	542132	1-60	8	305	16,156	4.59	742	13	11,604	4.81	558	3-72	36	824	-.02	36	64
91-58-5019	2382624	511244	8-66	5	305	14,820	4.71	698	15	12,026	4.77	574	12-72	44	554	-.05	20	39
91-58-5019	2414443	546331	3-67	4	305	14,908	4.41	657	10	12,295	4.73	582	10-72	44	518	-.03	21	39

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	D	C REPT (%)	O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
91-58-5019	2449164	546331	4-68	2	305	15,515	4.34	674	14	12,590	4.70	592	3-72		40	498	-.02	21	$ 38
91-58-5025	2286284	546331	1-65	5	288	13,378	5.19	694	21	11,268	4.79	540	9-72		44	442	.10	31	44
91-58-5025	2339261	558793	4-65	5	305	13,514	4.69	634	26	10,824	4.83	523	9-72		42	476	.01	23	39
91-58-5025	2373783	558793	5-66	4	305	15,700	4.75	746	31	12,032	4.75	571	4-72		41	617	.03	32	52
91-58-5025	2396456	552573	1-67	3	296	13,926	5.17	720	35	11,393	4.81	548	1-72		40	416	.08	28	40
91-58-5025	2419554	546331	6-67	2	305	13,515	4.91	663	38	11,435	4.68	535	5-72		40	389	.06	24	36
91-58-5025	2442267	546331	4-68	2	305	15,565	5.10	794	34	11,465	4.77	547	6-72		40	595	.09	37	55
91-58-5025	2454728	546331	5-68	3	305	14,347	4.50	645	30	11,060	4.84	535	12-72		42	545	-.01	24	42
91-58-5025	2457872	546331	5-67	3	305	13,740	4.49	617	29	11,163	4.82	538	11-72		42	466	.00	21	37
91-58-5025	2457875	546331	9-67	4	305	13,830	4.49	621	26	11,435	4.80	549	12-72		44	470	-.01	20	36
91-58-5025	2492924	546331	2-69	2	305	14,275	4.40	628	29	11,315	4.77	540	11-72		40	476	-.02	20	36
91-58-5025	2547893	546331	8-70	1	305	14,670	4.79	702	24	11,020	4.82	531	9-72		36	447	.03	24	38
91-58-5337	1955265	535336	1-59	10	305	13,679	4.85	664	19	11,167	4.74	529	1-72		35	428	.05	25	38
91-58-5037	2230124	501586	9-63	7	280	13,499	4.74	640	22	11,469	4.74	544	3-72		44	511	.00	23	40
91-58-5037	2324000	546331	9-62	6	301	14,615	4.66	681	27	12,190	4.74	578	1-72		44	506	.03	26	42
91-58-5037	2357131	496783	11-65	5	304	14,364	5.29	760	25	12,028	4.83	581	1-73		44	437	.13	34	46
91-58-5037	2513632	565704	10-67	3	305	17,837	4.33	772	28	11,807	4.82	569	6-72		32	822	-.08	29	58
91-58-5037	2549005	546331	7-70	1	305	15,530	4.61	716	24	11,960	4.82	577	12-72		36	455	.01	22	37
91-58-5045	2138203	536976	7-61	9	292	15,939	4.71	750	26	12,728	4.84	616	5-72		38	578	.00	26	45
91-58-5045	2326864	546331	9-65	5	305	15,386	4.94	760	22	13,526	4.84	654	12-72		44	468	.06	28	43
91-58-5045	2337301	533769	11-65	5	294	16,168	4.78	773	28	13,850	4.81	666	2-72		44	578	-.06	20	40
91-58-5045	2350698	546331	1-66	5	305	18,204	4.88	888	21	13,508	4.89	661	9-72		44	833	.05	44	71
91-58-5045	2364351	546331	2-66	5	284	14,134	4.92	695	28	11,636	4.86	566	11-72		44	501	.06	29	45
91-58-5045	2417774	546331	7-67	3	305	15,993	4.83	773	29	13,603	4.80	653	3-72		42	500	.05	28	44
91-58-5045	2450095	546331	11-65	5	293	15,478	4.81	744	22	13,266	4.93	654	11-72		44	507	.03	26	42
91-58-5045	2487464	546331	5-69	2	305	16,095	4.88	785	23	12,755	4.96	633	7-72		40	544	.04	29	46
91-58-5045	2538469	546331	1-68	3	305	15,543	5.06	786	20	13,037	4.98	649	11-72		42	501	.07	30	46
91-58-5056	2312096	526592	6-64	5	305	13,778	5.11	704	19	11,358	4.58	520	2-72		42	315	.17	32	40
91-58-5056	2357992	546331	1-66	4	305	13,755	4.77	656	15	11,265	4.62	520	9-72		44	478	.06	28	43
91-58-5056	2401306	491754	9-66	4	305	14,285	4.80	685	15	11,427	4.72	539	8-72		40	610	.01	29	49
91-58-5056	2511343	577229	7-69	2	305	17,660	4.56	806	16	11,520	4.84	557	12-72		25	810	-.03	34	61
91-62-0010	2266990	511244	1-64	7	305	13,451	4.73	636	9	10,469	4.84	507	2-73		44	538	-.05	19	38
91-68-0024	2496462	546331	10-67	3	305	14,177	4.23	599	19	10,630	4.52	480	2-73		42	565	-.02	24	43
91-68-0031	2329532	546331	4-65	4	305	13,373	4.43	592	38	10,468	4.58	479	2-73		44	509	.01	24	41
91-68-0031	2407228	570058	1-67	4	305	14,102	4.67	659	37	10,230	4.59	470	1-73		35	739	.01	35	59
91-68-5031	2397252	570058	9-66	4	305	19,422	4.55	883	32	10,122	4.63	469	8-72		35	1,510	-.02	67	118
91-68-5031	2398181	570058	11-66	4	305	18,537	4.52	838	38	9,542	4.67	446	9-72		35	1,450	-.03	63	112
91-68-5031	2422711	570058	5-67	3	305	13,436	4.34	583	48	9,756	4.69	458	1-72		33	667	-.06	24	47
91-68-5031	2422721	570058	12-66	4	297	12,447	4.75	591	35	9,490	4.70	446	9-72		35	588	.01	28	47
91-68-5031	2422722	570058	12-66	4	302	13,035	4.12	537	33	10,180	4.63	471	8-72		35	593	-.09	17	38
91-68-5031	2504212	570058	4-69	2	305	12,315	4.59	565	42	9,585	4.57	438	11-72		30	504	-.01	22	39
91-74-0022	2424517	546331	7-67	4	305	13,863	4.70	651	10	10,545	4.59	484	8-72		44	562	.04	30	48
91-74-0022	2567177	546331	11-70	1	305	14,720	4.65	684	19	10,170	4.61	469	12-72		36	501	.03	26	42
91-74-0035	2284923	549235	10-64	6	305	13,440	4.72	634	28	10,182	4.56	464	11-72		44	636	-.06	23	45
91-74-0035	2405386	569978	8-66	4	270	15,550	4.06	631	11	10,855	4.49	487	7-72		34	655	-.09	20	43
91-74-0035	2442266	546331	5-67	1	296	16,040	4.25	681	33	11,750	4.54	533	8-72		36	505	-.01	22	39
91-74-0035	2477231	546626	4-68	3	305	17,693	3.96	701	28	11,070	4.53	502	10-72		42	789	-.07	28	56
91-74-0035	2496716	546331	11-68	2	291	13,900	4.63	643	25	10,995	4.52	497	1-73		40	464	.03	25	40
91-74-0035	2501918	575652	7-69	2	305	15,660	4.20	658	28	10,875	4.61	501	11-72		28	621	-.07	21	43
91-74-0039	2103511	522715	10-60	7	305	12,270	5.19	637	19	10,331	4.74	490	8-72		38	463	.06	28	42
91-74-0039	2473440	546331	8-68	2	305	12,430	5.16	642	8	10,410	4.55	474	4-72		40	362	.10	27	37
91-74-0044	2435231	511244	2-66	5	305	14,662	4.11	603	10	10,198	4.63	472	4-73		44	725	-.14	18	45
91-74-0071	2248615	529773	5-63	7	305	15,249	4.56	695	20	12,450	4.81	599	1-73		44	476	.02	24	39
91-74-0071	2287884	496783	5-63	5	305	15,352	4.92	756	18	12,704	4.66	592	3-73		44	495	.10	33	48
91-74-0084	2333418	546331	10-65	5	305	11,628	4.69	545	12	8,844	4.93	436	12-72		44	466	.02	23	38
91-74-0118	2540178	574020	12-69	1	305	17,340	4.66	808	11	12,890	4.68	603	1-73		35	528	-.03	21	39
91-74-5045	2495274	546331	10-68	2	305	14,180	5.02	712	13	11,680	4.74	554	1-73		40	437	.07	28	41
91-74-5067	2486459	573181	12-68	2	211	15,165	4.71	715	21	12,140	4.61	560	1-72		36	472	.03	25	40
91-74-5071	2434931	546331	1-68	3	305	14,577	4.80	699	21	12,400	4.64	575	12-72		42	448	.06	27	41
91-74-5071	2437038	546331	7-67	3	304	14,663	4.84	709	18	12,077	4.65	562	5-72		42	488	.06	29	44
91-74-5111	2461574	546331	4-68	1	305	13,980	4.81	672	5	9,850	4.91	484	7-72		36	465	.03	25	40
91-74-5118	2339435	558793	1-65	5	304	15,170	4.65	706	21	13,084	4.76	623	2-72		42	456	.01	22	37
91-74-5118	2421236	546331	5-67	2	305	14,705	4.94	726	10	12,295	4.83	594	9-72		40	440	.05	26	40
91-74-5118	2488755	546331	2-69	2	305	14,770	4.83	714	13	12,125	4.64	563	8-72		40	460	.06	27	41
91-78-0131	2402884	569088	9-66	5	303	15,664	4.32	676	13	13,160	4.41	580	3-73		32	490	-.03	19	36
91-78-0131	2445867	553667	8-67	4	305	18,625	4.12	767	10	13,642	4.33	591	4-73		44	808	-.03	34	61
91-78-5002	2345897	565600	7-65	6	303	14,571	4.75	692	25	11,728	4.53	531	2-73		36	451	.08	29	43
91-78-5002	2345900	539419	9-65	5	305	16,072	4.44	714	22	12,054	4.49	541	5-72		44	679	-.06	25	49
91-78-5131	2345959	565600	7-65	4	305	17,002	4.56	776	11	13,047	4.50	587	4-72		35	628	.05	34	54
91-78-5131	2502624	553667	4-69	2	302	15,825	4.32	684	7	12,940	4.42	572	5-72		40	462	.02	23	38
92-03-0027	2440607	533769	5-67	3	305	13,713	4.56	625	13	10,480	4.71	494	11-72		42	570	-.08	17	37
92-03-0027	2442861	533769	6-67	3	303	14,617	4.21	616	9	10,747	4.78	514	7-72		42	649	-.15	14	38
92-03-0039	2156324	511244	3-62	6	305	14,575	3.97	578	11	10,633	4.53	482	2-73		44	668	-.15	14	39
92-03-5008	2315130	563233	11-64	3	305	14,257	4.97	708	51	10,753	4.84	520	3-72		33	487	.04	27	42
92-03-5008	2515930	553667	9-69	2	303	13,825	5.35	740	36	10,780	4.53	488	1-73		40	435	.14	35	47
92-04-5038	2278529	496783	1-65	6	271	16,637	5.07	843	11	13,527	5.20	703	1-73	B	44	576	.06	33	51
92-04-5038	2400446	553014	4-67	3	305	15,926	4.92	784	6	13,396	5.23	701	9-71		34	511	-.01	22	39
92-04-5038	2420921	553014	11-67	3	305	15,663	5.18	812	7	13,286	5.26	699	5-72		34	488	.03	26	42
92-04-5038	2480668	574531	3-69	2	305	15,360	5.35	821	12	12,420	5.17	642	6-72		25	428	.07	27	40
92-04-5038	2531301	567457	9-70	1	194	17,680	4.73	837	8	12,010	5.40	648	10-72	B	23	651	-.02	28	50
92-13-0029	2270764	526592	3-64	7	300	14,521	4.48	650	46	11,314	4.78	541	8-72		42	420	.04	23	36
92-13-0029	2421370	546331	11-67	3	305	15,577	4.76	742	20	12,207	4.78	584	6-72		42	581	.04	31	50
92-13-0029	2493382	546331	6-69	2	299	15,530	4.55	706	26	12,400	4.68	580	2-73		40	515	.01	25	42
92-16-0016	2134452	499743	9-61	4	305	16,643	4.40	733	34	10,628	4.56	485	7-72		42	956	-.11	32	66
92-16-0027	2426754	546331	7-67	4	305	12,775	4.81	615	33	10,600	4.59	487	11-72		44	422	.06	26	39

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
92-16-0027	2467044	552896	7-68	2	304	11,730	4.79	562	44	10,365	4.76	493	10-71		40	492	.00	23	$ 39
92-16-0027	2467045	552896	8-68	3	305	12,940	4.36	590	42	10,476	4.67	489	11-72		42	632	-.02	27	48
92-16-0027	2467046	552896	8-68	3	305	12,410	4.54	564	42	10,476	4.67	489	11-72		42	570	-.02	24	43
92-16-0027	2545871	577346	4-70	1	305	13,040	4.53	591	39	9,850	4.62	455	8-72		26	520	-.04	20	38
92-16-0098	2489979	546331	7-68	2	305	16,240	4.29	697	20	11,125	4.81	535	10-72		40	691	-.03	28	52
92-16-0098	2547329	572639	8-70	1	305	13,010	4.63	603	20	10,810	4.67	505	1-73		27	424	.02	22	36
92-20-0024	2395838	561417	8-66	3	305	12,766	4.83	617	56	10,763	4.80	517	1-73		34	463	.03	24	39
92-20-0024	2418170	546331	5-67	3	305	14,200	4.73	671	46	10,693	4.82	515	3-73		42	562	.03	29	47
92-20-0024	2460593	546331	7-68	2	305	12,965	5.16	669	46	10,740	4.80	515	3-73		40	390	.08	26	38
92-20-0024	2480972	557561	2-67	4	305	13,730	4.83	663	45	10,385	4.71	489	2-73		33	419	.05	25	38
92-20-0108	2324757	554712	3-64	7	302	13,855	5.15	714	24	11,312	4.74	536	3-73		39	492	.11	34	49
92-20-0108	2486465	573101	12-68	3	300	14,810	4.78	708	18	12,003	4.94	593	3-73		39	488	.02	24	40
92-20-5024	2269327	501886	10-63	3	305	13,533	4.64	628	52	10,477	4.84	507	1-73		42	584	-.03	24	44
92-20-5024	2330662	496783	3-64	4	296	12,615	4.91	620	58	9,998	4.90	490	9-72	H	44	408	.06	25	38
92-20-5024	2362363	561417	12-65	4	305	11,737	4.83	567	54	9,675	4.78	462	10-71		35	457	.03	24	39
92-20-5024	2395828	561417	1-67	4	305	11,205	5.11	573	51	9,695	4.84	469	9-72		35	380	.06	24	36
92-20-5024	2418167	561417	5-67	3	305	12,183	4.48	546	56	9,770	4.88	477	9-72		34	490	-.03	19	36
92-20-5024	2495449	561417	2-69	2	305	12,490	5.05	631	52	10,315	4.83	498	12-72		31	450	.06	27	41
92-20-5108	2407626	546331	12-66	4	302	16,013	4.67	748	25	12,173	4.83	588	2-72		44	667	.01	32	54
92-20-5108	2464691	546331	5-68	3	300	15,660	4.97	778	26	12,290	4.74	583	9-72		42	583	.08	35	53
92-20-5108	2520676	557482	10-69	2	301	16,430	5.03	826	24	12,725	4.85	617	11-72		40	570	.01	27	46
92-20-5120	2440241	546331	9-67	2	305	14,245	4.77	679	8	12,140	4.71	572	5-72		40	406	.04	23	36
92-20-5120	2493390	549336	12-68	1	301	18,300	4.88	893	9	11,720	5.01	587	4-72		35	574	.03	30	49
92-20-5120	2550650	552896	10-70	1	305	13,150	5.34	702	9	12,090	4.76	575	1-73		35	482	.05	28	43
92-23-0004	2489705	573658	2-69	2	305	13,825	4.36	603	14	10,430	4.34	453	1-73		32	618	-.04	24	45
92-23-0004	2560173	573658	10-70	1	305	13,100	4.53	593	7	10,240	4.24	434	3-73		26	486	-.01	21	37
92-23-0024	2324147	526592	5-65	3	305	18,703	4.89	914	6	12,063	4.49	542	3-73		39	802	.15	53	77
92-23-0154	2509452	556234	4-69	1	305	18,190	4.06	738	31	10,730	4.61	495	10-71		32	680	-.03	28	51
92-23-0154	2545337	573658	4-70	1	305	13,970	4.47	624	24	11,110	4.52	502	12-72		26	502	-.05	18	36
92-23-0154	2560038	577346	8-70	1	305	15,240	4.17	635	31	11,490	4.44	510	2-73		26	597	-.07	20	41
92-23-5004	2549435	577346	8-70	1	305	13,950	4.48	625	15	11,170	4.28	478	11-72		26	507	-.02	21	38
92-23-5024	2375414	546331	7-66	3	305	16,443	4.97	818	11	11,523	4.53	522	9-72		42	744	.10	45	60
92-23-5024	2521044	552896	10-69	2	296	15,160	4.48	679	10	11,700	4.46	522	1-73		40	733	-.01	32	57
92-27-0025	2226985	533769	9-63	8	305	16,318	4.17	680	9	11,754	4.61	542	4-73		44	814	-.15	21	51
92-27-0131	2337061	546331	7-65	5	305	13,154	5.02	660	11	10,162	4.82	490	4-72		44	527	.07	32	48
92-27-0131	2487635	573181	1-69	2	305	14,925	4.92	734	17	11,040	4.74	523	4-72		36	541	.05	30	47
92-27-5025	2192609	549342	1-63	6	305	13,336	4.88	651	9	11,483	4.61	529	2-72		43	490	.00	22	38
92-27-5025	2309575	546331	11-64	3	305	14,250	4.33	617	10	11,777	4.53	534	1-72		42	468	.00	21	37
92-27-5025	2382510	546331	10-66	3	305	13,990	4.56	638	9	11,550	4.59	530	3-72		42	459	.03	24	39
92-27-5025	2386717	561417	8-66	4	305	13,950	4.42	617	10	11,770	4.59	540	4-72		35	533	-.02	22	40
92-27-5025	2545434	553667	7-70	1	305	16,990	4.84	822	16	11,690	4.75	555	10-72		36	539	.06	31	48
92-27-5037	2242012	563226	1-64	6	305	13,437	5.02	674	14	10,098	4.87	492	1-72		35	486	.07	30	45
92-27-5037	2405612	561417	9-66	5	300	15,016	4.98	748	20	10,216	4.92	503	10-72		36	882	.06	47	75
92-27-5037	2459726	546331	7-68	3	301	13,663	4.08	557	19	10,263	4.77	490	12-72		42	540	-.06	18	37
93-07-0002	2260739	501586	2-64	5	305	13,502	5.12	691	23	11,432	4.74	542	9-72		44	515	.06	30	46
93-07-0002	2284558	511244	9-64	6	301	14,845	4.54	674	24	11,040	4.86	536	9-72		44	661	-.09	21	44
93-07-0002	2393536	546331	9-66	5	276	14,150	4.56	645	15	12,126	4.50	546	3-73		44	453	.03	24	39
93-07-0002	2393544	546331	10-66	4	293	14,570	4.39	640	15	11,685	4.90	573	11-72		44	537	-.04	20	39
93-10-0027	2389868	567632	11-66	4	298	14,598	4.29	626	81	10,263	4.58	470	12-72		30	661	-.06	24	47
93-10-0027	2400555	501586	1-67	4	301	13,770	4.52	623	71	10,338	4.62	478	6-72		43	647	-.02	27	49
93-10-0027	2463079	552896	4-68	1	305	14,720	4.44	654	137	10,960	4.49	492	3-72		35	668	-.02	29	51
93-10-0027	2463081	552896	3-68	3	297	16,146	4.73	763	73	10,010	4.64	464	11-72		42	1,049	.02	50	85
93-10-0027	2463083	552896	6-68	3	290	15,083	3.87	583	58	10,000	4.69	469	9-72		42	926	-.13	28	61
93-10-0027	2463088	552896	4-68	2	305	12,245	5.04	617	85	10,585	4.68	495	7-72		40	527	.04	28	45
93-10-0037	2269763	501586	1-64	5	305	13,454	3.92	528	89	9,600	4.91	471	9-72		44	700	-.15	16	42
93-10-0037	2381783	501586	7-66	4	305	13,490	4.64	626	103	9,453	4.95	468	11-72		43	700	-.03	29	53
93-10-0037	2383556	501586	8-65	5	302	12,842	4.49	577	84	9,798	4.84	474	1-73		44	600	-.05	22	43
93-10-0037	2425847	501586	3-67	4	298	15,098	4.23	638	90	9,845	4.83	476	2-73		43	861	-.09	29	59
93-10-0037	2458192	552896	2-68	3	305	14,173	4.90	694	98	10,013	4.81	482	2-73		42	819	.02	40	67
93-10-0037	2458193	552896	2-68	3	299	12,753	4.69	598	113	9,906	4.88	483	12-72		42	663	-.01	29	51
93-10-0037	2460568	552896	3-68	1	303	11,420	5.18	592	129	9,710	4.82	468	1-73		35	495	.03	26	42
93-10-0037	2541660	575097	11-69	1	305	14,100	4.77	673	145	9,150	4.98	456	10-72		22	497	-.02	21	36
93-10-9011	2553108	579342	10-70	1	305	15,900	5.25	834	8	12,500	4.72	590	12-72		19	367	.09	26	37
93-12-0119	2307638	501586	4-64	5	305	13,562	4.83	655	14	11,722	4.73	555	10-72		44	493	.01	24	40
93-12-7136	2496517	552896	7-69	2	302	13,410	4.27	573	10	11,785	4.45	525	10-72		40	548	-.04	21	40
93-12-9005	2058566	510014	8-60	10	305	16,549	3.92	648	17	12,617	4.49	566	1-73		41	785	-.15	19	48
93-12-9005	2251708	511244	1-64	7	305	18,186	3.87	704	17	12,697	4.43	563	4-73		44	924	-.18	22	56
93-12-9005	2276521	511244	9-64	7	305	14,856	4.64	690	28	12,581	4.52	569	2-73	H	44	501	-.04	19	36
93-12-9005	2293319	562275	1-65	6	304	16,210	4.42	717	27	12,500	4.48	560	10-72		35	753	.00	34	59
93-12-9005	2388872	562275	11-66	4	305	14,238	4.71	670	20	12,928	4.44	574	6-72		33	393	.07	25	37
93-12-9005	2388875	566452	9-66	4	304	15,278	4.71	719	27	12,730	4.52	575	5-72		33	492	.03	26	42
93-12-9005	2538541	546331	1-70	1	305	16,540	4.21	697	34	13,300	4.39	584	12-72		36	450	.00	21	36
93-24-0010	2156805	491754	6-62	2	305	18,030	4.57	824	13	13,315	4.70	626	1-72		36	793	-.03	33	60
93-24-0010	2263600	496783	2-64	2	305	15,600	4.88	762	9	13,535	4.71	638	12-72		40	373	.07	25	36
93-24-0010	2384058	533769	1-67	2	305	18,135	4.36	791	15	12,755	4.77	608	5-72		40	796	-.13	22	51
93-24-0010	2529927	549973	8-69	2	302	17,270	4.34	749	9	13,490	4.55	614	3-73		30	597	-.06	21	42
93-24-0568	2504372	576758	10-69	1	305	17,580	4.34	763	18	12,900	4.29	553	8-72		19	496	-.01	22	39
93-24-0568	2519516	552896	9-69	1	305	15,000	4.05	607	37	13,270	4.20	558	1-73		35	550	-.04	21	40
93-24-9062	1836843	526692	9-57	12	304	13,861	4.81	667	72	11,709	4.71	552	2-72		36	456	.05	26	40
93-24-9062	2232775	489557	10-63	5	305	14,740	4.88	719	107	12,190	4.61	562	1-72		36	398	.09	28	40
93-24-9062	2359887	550012	12-65	4	301	14,565	4.81	700	94	11,243	4.76	535	9-72		35	609	.00	28	48
93-24-9062	2363712	533769	12-65	4	305	15,395	4.16	640	85	11,235	4.67	525	6-72		44	727	-.15	17	44
93-24-9062	2372027	533769	4-66	4	305	15,043	4.41	663	74	11,795	4.62	545	5-72		44	628	-.11	17	40
93-24-9062	2372034	545358	5-66	4	304	14,882	4.62	687	92	11,217	4.69	526	9-72		35	545	.02	27	45
93-24-9062	2388688	567677	9-66	3	304	13,947	5.18	723	98	11,497	4.65	535	10-72		29	386	.11	29	40

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-24-9062	2394415	568302	12-66	4	303	16,070	4.29	689	107	12,040	4.62	556	3-73	30	668	-.07	23	$ 46
93-24-9062	2413290	545358	3-67	3	304	15,830	4.29	679	99	12,173	4.63	564	12-72	34	534	-.04	20	38
93-24-9062	2413297	550012	5-67	3	305	15,923	4.31	686	86	11,367	4.72	536	12-72	33	745	-.08	25	51
93-24-9062	2436594	550012	10-67	3	305	15,087	4.56	688	96	11,690	4.65	544	2-73	33	599	-.03	24	44
93-24-9062	2450770	550012	3-68	3	305	14,150	4.63	655	106	11,600	4.70	545	11-72	33	484	-.02	20	36
93-24-9062	2482983	573930	4-69	2	305	16,320	4.07	664	94	12,105	4.60	557	2-73	35	583	-.08	18	39
93-24-9062	2499850	553667	8-69	1	305	14,550	4.98	725	80	11,090	4.63	514	6-72	36	392	.08	26	38
93-34-0282	2294815	552896	2-65	4	303	12,150	4.50	547	48	11,082	4.72	523	10-71	43	485	-.03	19	36
93-34-0282	2320299	552896	3-65	6	291	12,893	4.13	532	43	10,678	4.71	503	10-72	44	627	-.09	19	41
93-34-0282	2320300	552896	5-65	6	302	14,708	4.32	636	34	11,370	4.70	534	1-73	44	791	-.06	30	57
93-34-0282	2337973	552896	8-65	5	304	14,340	4.29	615	45	11,120	4.65	517	2-73	44	769	-.07	28	55
93-34-0282	2349334	562300	9-65	5	305	16,146	4.48	723	44	10,846	4.70	510	10-72	36	893	-.04	37	67
93-34-0282	2349335	552896	9-65	4	305	13,786	4.51	622	44	10,435	4.71	492	7-72	43	753	-.03	31	57
93-34-0282	2360650	545596	11-65	5	297	13,340	4.92	656	48	11,020	4.63	510	6-72	35	413	.07	26	39
93-34-0282	2363599	568288	9-65	4	305	14,603	4.51	658	39	11,128	4.54	505	3-73	30	556	.00	25	44
93-34-0282	2370407	552896	1-66	4	303	14,142	4.85	686	45	10,937	4.62	505	6-72	43	748	.03	38	62
93-34-0282	2374508	557896	5-66	3	305	13,946	4.47	623	44	11,143	4.57	509	4-72	35	520	-.05	19	37
93-34-0282	2411535	552896	11-66	4	300	13,375	4.88	653	27	11,067	4.67	517	11-72	43	639	.03	33	54
93-34-0282	2411539	560109	10-66	5	305	13,534	4.74	641	42	11,144	4.64	517	2-73	35	440	.03	23	37
93-34-0282	2411566	560109	12-66	4	300	14,328	4.70	673	46	10,848	4.66	505	7-72	33	574	.02	29	48
93-34-0282	2419860	568183	5-67	3	305	13,823	4.93	682	37	10,887	4.64	505	3-72	29	438	.06	27	40
93-34-9076	2379543	570573	11-66	5	305	14,468	4.64	672	52	12,308	4.26	524	2-73	37	372	.07	25	36
93-34-9076	2415994	511244	7-67	4	305	14,945	4.56	681	56	12,420	4.22	524	2-73	43	514	-.01	22	39
93-34-9076	2483365	573212	10-68	2	305	17,620	4.30	757	47	11,555	4.41	509	10-72	30	803	-.03	34	61
93-34-9076	2499258	557482	8-69	2	305	16,520	3.72	615	66	12,200	4.25	518	1-73	40	622	-.13	14	37
93-34-9076	2527487	575666	6-70	1	305	14,440	4.26	615	48	11,730	4.52	530	9-72	29	689	-.12	19	44
93-34-9076	2531198	557482	7-70	1	305	16,910	4.32	731	53	11,960	4.36	521	12-72	35	550	-.05	20	39
93-34-9076	2531201	575666	8-70	1	305	14,650	4.03	590	60	12,130	4.22	512	2-73	29	680	-.11	19	44
93-39-9015	2084803	530378	10-60	9	302	15,691	4.31	676	99	13,191	4.37	577	11-72	38	540	-.05	19	38
93-39-9015	2169436	516329	8-62	7	304	15,408	4.45	686	99	13,115	4.29	563	5-72	37	458	.06	27	41
93-39-9015	2224363	516329	7-63	6	300	17,170	4.29	737	101	13,636	4.21	574	12-71	37	654	.03	33	54
93-39-9015	2297207	422711	5-64	5	305	17,490	3.96	692	146	13,674	4.20	574	10-72	43	734	-.13	19	46
93-39-9015	2310788	552390	8-64	6	299	18,886	3.74	707	117	13,445	4.28	576	5-72	36	977	-.17	26	62
93-39-9015	2356794	564217	8-65	5	302	17,534	4.16	729	119	13,988	4.15	580	7-72	32	682	-.03	28	51
93-39-9015	2381306	568836	6-66	4	305	15,845	4.19	651	113	14,395	4.13	595	4-73	33	544	-.05	20	39
93-39-9015	2400197	533769	7-66	4	305	16,948	3.83	649	133	14,183	4.13	586	11-72	44	627	-.15	12	36
93-39-9015	2402217	533769	8-66	4	305	17,873	3.64	650	139	14,135	4.11	581	2-73	44	746	-.20	12	40
93-39-9015	2404805	568836	11-66	4	300	16,190	3.92	635	125	14,523	4.06	590	4-72	33	623	-.09	19	41
93-39-9015	2416737	530378	3-67	4	302	17,490	3.87	676	125	14,120	4.07	575	5-72	37	670	-.11	19	43
93-39-9015	2417497	568836	3-67	4	305	17,670	3.85	681	136	14,485	4.11	595	3-73	33	843	-.12	25	55
93-39-9015	2419691	533769	3-67	3	305	18,790	3.90	733	127	14,017	4.08	572	3-73	42	828	-.14	22	52
93-39-9015	2424599	568836	4-67	4	305	18,633	3.81	709	157	14,063	4.15	584	10-72	33	1,032	-.15	30	67
93-39-9015	2432899	552896	7-67	2	288	15,505	4.19	650	140	14,260	4.17	594	9-71	40	560	-.02	24	43
93-39-9015	2435562	552896	7-67	4	305	17,895	3.93	703	123	14,307	4.13	591	4-73	43	879	-.08	31	62
93-39-9015	2441014	539419	8-67	4	305	20,420	3.66	747	114	15,313	4.06	622	4-73	43	871	-.18	20	52
93-39-9015	2446472	530378	11-67	3	305	18,050	3.82	690	139	14,497	4.12	598	11-72	35	668	-.12	18	42
93-39-9015	2446475	546331	11-67	3	297	16,980	3.95	671	116	15,063	4.05	610	4-72	42	480	-.02	20	36
93-39-9015	2455750	568836	1-68	3	303	17,387	3.68	640	118	14,963	4.04	605	4-72	32	722	-.15	17	44
93-39-9015	2455752	530378	1-68	4	301	17,815	3.82	680	112	15,118	4.05	613	3-73	37	604	-.12	15	37
93-39-9015	2455951	546331	1-68	3	305	16,280	4.24	690	142	14,473	4.15	600	11-72	42	453	.02	23	38
93-39-9015	2461692	572858	3-68	2	305	20,490	3.58	734	154	14,935	3.98	595	1-72	29	928	-.16	25	59
93-39-9015	2463816	569304	4-68	3	305	17,536	4.06	712	144	14,096	4.12	581	8-72	33	531	-.01	23	41
93-39-9015	2466423	552896	5-68	3	300	16,756	3.95	662	149	14,213	4.16	591	11-72	42	728	-.07	26	51
93-39-9015	2466424	556234	5-68	3	305	16,963	4.07	691	165	14,180	4.15	588	9-72	39	503	-.01	22	39
93-39-9015	2469252	569304	6-68	3	305	16,643	4.39	731	159	14,266	4.14	591	11-72	33	393	.06	24	36
93-39-9015	2473830	552896	7-68	2	305	16,460	3.85	633	145	14,450	4.09	591	10-71	40	642	-.07	22	45
93-39-9015	2477035	552896	4-68	3	295	16,080	3.87	622	147	14,116	4.16	587	9-72	42	658	-.08	22	45
93-39-9015	2479701	552896	9-68	3	291	16,703	3.87	646	139	14,640	4.14	606	10-72	42	682	-.08	23	47
93-39-9015	2479702	572858	9-68	3	305	17,313	4.03	697	146	15,306	4.04	619	1-73	32	548	-.05	20	39
93-39-9015	2482874	552896	9-68	3	295	16,496	4.18	690	139	14,640	4.14	606	10-72	42	658	-.02	28	50
93-39-9015	2484173	546331	10-68	2	205	19,055	3.76	716	126	15,385	4.03	620	1-72 B	40	631	-.05	23	45
93-39-9015	2488695	546331	11-68	3	302	18,937	3.57	676	129	15,533	4.05	629	1-73	42	661	-.10	19	43
93-39-9015	2494918	553667	12-68	2	305	17,890	3.83	686	146	15,020	4.14	622	12-72	40	503	-.04	19	36
93-39-9015	2500613	572858	3-69	3	298	16,960	4.03	683	116	14,923	4.09	610	4-73	32	542	-.05	19	38
93-39-9015	2500974	575523	4-69	1	305	17,740	3.83	679	156	14,380	4.21	605	8-71	23	581	-.11	15	36
93-39-9015	2502383	552896	2-69	2	305	16,620	4.07	677	138	14,185	4.19	594	8-72	40	680	-.05	26	49
93-39-9015	2502394	573181	3-69	2	298	19,250	3.71	714	134	15,465	4.03	623	3-72	36	625	-.08	20	42
93-39-9015	2503281	552896	5-69	2	270	16,185	4.34	702	135	14,260	4.16	593	7-72 B	40	629	.00	29	50
93-39-9015	2508221	552896	6-69	2	304	20,220	3.73	754	146	14,390	4.20	605	11-72	40	1,030	-.13	33	70
93-39-9015	2509815	546331	7-69	2	300	18,355	3.51	644	161	14,370	4.19	602	9-72	40	642	-.11	17	40
93-39-9015	2510557	575523	7-69	1	305	20,430	3.46	707	110	15,310	3.95	605	4-72	23	757	-.16	17	45
93-39-9015	2514354	572858	7-69	2	303	16,640	4.01	668	150	14,295	4.17	596	8-72	29	524	-.07	17	36
93-39-9015	2514456	565304	8-69	2	305	17,770	4.33	770	161	14,500	4.17	605	10-72	30	455	.04	25	39
93-39-9015	2516117	575523	8-69	1	305	18,910	3.67	694	162	14,850	4.17	619	12-72	23	653	-.14	15	39
93-39-9015	2516134	552896	8-69	2	305	17,215	4.36	750	141	15,425	4.04	623	12-72	40	639	.02	32	53
93-39-9015	2520084	546331	10-69	2	305	18,080	3.93	710	141	15,460	4.07	629	1-73	40	526	-.03	21	39
93-39-9015	2520086	533769	9-69	2	305	18,995	3.78	718	148	15,475	4.05	626	12-72	40	663	-.16	13	38
93-39-9015	2520122	575523	10-69	1	305	22,270	3.51	782	98	15,430	4.08	630	3-73	23	915	-.18	22	56
93-39-9015	2520123	552896	10-69	1	297	15,660	4.57	715	155	14,160	4.19	593	9-72	35	546	.02	27	45
93-39-9015	2520124	570686	10-69	2	300	22,480	3.50	787	113	15,540	4.01	623	3-73	29	1,033	-.21	24	62
93-39-9015	2520236	572858	9-69	2	305	20,340	3.69	751	149	15,640	4.02	629	1-73	29	841	-.13	24	54
93-39-9015	2520765	546331	11-69	2	295	18,705	3.62	678	132	15,620	4.03	629	1-73	40	576	-.08	18	39
93-39-9015	2524368	552896	12-69	2	302	19,250	3.75	721	115	15,590	4.00	623	3-73	40	833	-.08	29	58
93-39-9015	2524449	546331	11-69	2	305	20,830	3.64	759	132	15,620	4.03	629	1-73	40	792	-.09	26	54
93-39-9015	2530573	575523	1-70	1	305	17,490	4.01	701	131	14,440	4.06	586	6-72	23	554	-.07	18	38

TABLE 2. GUERNSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD	REPT (%)	COW MILK (LB)	INDEX... FAT (%)	FAT (LB)	DOL-LARS
93-39-9015	2537048	572858	2-70	1	305	19,250	4.05	779	129	15,600	3.93	613	3-72	23	580	-.03	23	$ 43
93-39-9015	2537049	546331	2-70	1	305	20,320	3.67	745	120	15,600	3.92	611	3-72	36	595	-.05	22	43
93-39-9015	2538881	546331	2-70	2	297	18,070	3.70	669	102	15,500	3.99	619	3-73	40	521	-.05	16	36
93-39-9015	2543026	546331	3-70	1	292	18,300	3.88	710	121	14,630	4.01	587	5-72	36	502	-.02	21	38
93-39-9015	2544288	552896	4-70	1	305	18,000	3.95	711	131	13,910	4.18	581	8-72	35	738	-.05	28	53
93-39-9015	2547520	546331	5-70	1	305	22,760	3.68	837	121	14,050	4.12	579	7-72	36	869	-.08	31	61
93-39-9015	2552221	575523	7-70	1	305	17,080	4.23	722	167	14,410	4.21	606	10-72	23	519	-.05	18	36
93-39-9015	2553104	546331	7-70	1	305	17,620	4.42	778	166	14,240	4.19	596	9-72	36	474	.04	26	41
93-39-9015	2554742	552896	8-70	1	292	15,920	4.05	644	154	14,550	4.19	609	11-72	35	542	-.04	21	40
93-39-9015	2554743	546331	8-70	1	305	17,700	4.24	751	115	15,240	4.10	625	2-73	36	421	.03	22	36
93-39-9015	2557158	552896	9-70	1	305	17,530	4.31	756	154	14,550	4.19	609	11-72	35	664	.00	30	52
93-39-9015	2558769	552896	9-70	1	305	16,420	4.08	670	154	14,550	4.19	609	11-72	35	580	-.03	23	43
93-39-9015	2560857	558237	9-70	1	300	20,680	3.62	756	160	15,350	4.10	630	1-73	35	706	-.20	11	38
93-39-9015	2560908	552896	10-70	1	305	18,370	3.99	733	98	15,450	4.07	629	3-73	35	673	-.04	27	50
93-39-9015	2561208	552896	10-70	1	305	19,080	4.03	768	152	14,820	4.15	615	12-72	35	764	-.05	30	56
93-39-9015	2561852	575523	11-70	1	305	17,740	4.05	719	167	14,410	4.21	606	10-72	23	579	-.08	18	39
93-39-9015	2562078	575523	11-70	1	305	19,790	3.85	762	98	15,430	4.08	630	3-73	23	691	-.11	20	45
93-39-9015	2564338	575523	12-70	1	304	18,820	3.76	708	136	13,890	4.18	581	8-72	23	714	-.13	19	45
93-39-9015	2568671	575523	1-71	1	305	19,580	4.02	787	98	15,430	4.08	630	3-73	23	672	-.07	23	47
93-39-9015	2568672	552896	1-71	1	305	18,400	4.09	752	69	15,290	4.11	628	4-73	35	685	-.03	28	51
93-40-9049	2408648	556234	12-66	4	305	15,312	5.04	771	13	12,457	4.86	606	10-72	40	497	.09	32	47
93-49-0099	2467734	556234	8-68	2	302	14,865	4.51	670	49	11,795	4.65	548	6-72	36	434	.02	22	36
93-49-0099	2518020	556234	8-69	2	295	15,870	4.43	703	30	12,295	4.57	562	3-73	36	499	.02	25	41
93-49-0099	2521128	572687	4-69	2	305	16,180	4.32	699	63	11,845	4.75	563	7-72	29	633	-.05	24	46
93-49-0268	2413263	533769	8-66	4	303	15,260	4.32	659	41	11,103	4.85	538	1-73	44	723	-.14	18	44
93-49-0268	2451514	571084	3-68	3	300	14,226	4.53	644	32	11,093	4.80	532	1-73	32	550	-.03	22	41
93-49-0268	2469165	552896	7-68	2	305	13,120	4.52	593	35	11,845	4.78	566	4-72	40	513	-.03	20	38
93-49-0271	2440731	569386	4-67	4	305	15,738	4.28	674	16	11,778	4.71	555	11-72	33	746	-.10	23	50
93-49-0271	2446603	546626	11-67	3	305	16,620	4.30	714	18	12,267	4.57	561	1-73	42	552	-.01	24	43
93-49-9065	2351948	566944	1-66	5	305	15,102	4.33	654	47	10,900	4.60	501	10-72	36	757	-.08	26	53
93-49-9065	2377172	566944	8-66	4	305	15,200	4.20	639	50	10,942	4.62	505	9-72	35	743	-.11	22	49
93-49-9065	2416685	566236	1-67	4	304	14,732	4.09	602	51	11,285	4.54	512	10-72	35	596	-.09	18	39
93-49-9065	2429888	566944	11-66	4	305	15,425	4.07	628	44	11,082	4.58	508	1-73	35	759	-.13	21	48
93-49-9065	2456465	566944	1-68	3	305	14,613	4.08	596	45	11,063	4.62	511	7-72	34	615	-.12	15	38
93-49-9065	2456471	566236	8-68	2	305	16,205	3.87	627	56	11,015	4.48	493	5-72	30	712	-.12	20	46
93-49-9065	2490225	573928	3-69	2	305	14,640	4.58	671	50	11,185	4.51	505	3-73	29	454	.02	23	38
93-49-9065	2490236	571914	4-69	2	305	17,120	4.30	737	77	11,365	4.54	516	1-73	25	757	-.04	30	56
93-49-9065	2514167	566236	4-69	2	305	14,510	4.47	649	51	11,510	4.56	525	9-72	30	463	-.01	20	36
93-50-0271	2288856	491754	11-64	5	292	14,314	4.89	700	11	11,778	4.69	552	2-73	41	592	.04	31	50
93-50-0271	2361850	549235	12-65	4	305	15,945	4.50	717	12	12,190	4.59	560	6-72	44	732	-.10	23	49
93-50-0271	2476993	573941	4-68	3	305	17,783	4.38	779	12	11,470	4.86	557	8-72	29	935	-.07	35	67
93-50-0692	2461046	552896	2-68	2	302	16,515	3.63	599	90	13,290	4.32	574	6-72	40	742	-.13	20	47
93-54-0060	2306301	549973	10-63	2	305	18,120	4.65	842	42	13,245	4.55	602	2-72	30	722	.00	33	57
93-54-0060	2321577	545813	11-64	2	305	16,265	4.08	664	48	12,125	4.68	567	7-72	25	572	-.10	15	36
93-54-0060	2357568	557896	1-66	2	297	16,035	4.37	700	51	13,190	4.59	606	3-72	32	532	-.07	17	36
93-54-0060	2446151	561775	2-68	1	305	20,950	4.00	837	39	14,120	4.62	653	3-73	19	723	-.11	21	47
93-54-0060	2448793	556234	3-68	3	305	15,816	4.87	770	32	13,186	4.64	612	4-73	39	460	.08	30	44
93-54-0060	2486683	572113	2-69	2	305	15,260	5.31	810	31	12,470	4.61	575	2-73	29	498	.13	37	51
93-54-0060	2486696	572113	7-68	3	301	17,830	4.64	828	25	13,490	4.60	621	1-73	32	781	.03	39	64
93-54-0060	2486700	572113	1-69	1	305	15,060	4.84	729	27	11,240	4.73	532	10-71	24	481	.04	26	41
93-54-0060	2486715	572113	8-67	2	305	18,500	4.14	766	36	12,535	4.61	578	7-72	29	879	-.07	32	63
93-54-0060	2495105	572113	1-69	1	305	14,510	4.95	718	27	11,240	4.73	532	10-71	24	432	.05	25	39
93-54-0060	2513806	565304	8-69	2	305	17,645	4.69	827	100	14,485	4.38	635	2-73	30	442	.08	29	42
93-54-0060	2536633	569752	7-69	2	305	15,835	5.00	792	43	12,855	4.68	601	2-73	29	393	.08	26	38
93-54-0060	2536634	572113	4-69	2	305	16,500	4.63	764	31	13,560	4.54	615	3-73	29	542	.03	28	46
93-54-0060	2536661	546331	2-68	3	305	16,323	4.36	712	37	13,737	4.55	625	4-73	42	526	.00	24	42
93-54-0060	2548505	572113	5-69	2	305	14,785	5.19	767	29	11,955	4.83	577	11-72	29	491	.09	32	47
93-54-0060	2556677	556234	9-70	1	305	18,460	4.63	854	34	13,130	4.83	634	12-72	32	548	.03	28	46
93-54-0060	2556683	556234	9-70	1	305	20,810	4.12	858	34	13,130	4.83	634	12-72	32	736	-.05	28	53
93-54-0060	2556686	556234	10-70	1	305	22,700	5.48	1243	33	13,960	4.72	659	1-73	32	834	.18	58	83
93-54-0060	2556688	558947	1-70	2	305	16,705	5.12	856	42	12,340	4.80	592	11-72	40	458	.10	32	45
93-54-0060	2558849	549973	4-70	1	305	19,660	4.36	857	37	12,340	4.94	609	10-72	24	764	-.08	26	53
93-54-0060	2588387	556234	2-71	1	305	18,150	4.69	852	34	13,130	4.83	634	12-72	32	523	.04	28	45
93-54-9337	2483452	565968	8-68	2	305	17,495	4.97	869	16	12,440	4.69	583	1-72	29	875	.06	47	75
93-54-9337	2483453	565968	7-66	2	305	19,075	4.28	817	18	12,175	4.63	564	8-71	29	1,091	-.07	42	80
93-56-0019	1979309	538251	8-59	4	302	13,943	4.63	645	243	10,818	4.64	502	2-73	30	493	.00	23	39
93-56-0019	2182796	491754	11-62	2	305	15,615	4.94	771	248	11,010	4.60	506	1-72	36	732	.04	38	62
93-56-0019	2219035	556118	7-63	2	301	15,125	4.19	633	273	11,030	4.60	507	3-72	25	539	-.07	17	36
93-56-0019	2364037	557896	1-66	3	303	15,366	4.11	632	247	10,933	4.59	502	5-72	35	726	-.11	21	47
93-56-0019	2369182	536656	12-65	2	305	14,265	5.08	724	218	11,025	4.59	506	5-72	30	414	.09	29	41
93-56-0019	2369190	557896	12-65	3	305	14,316	4.41	631	179	10,693	4.67	499	8-72	35	615	-.07	21	43
93-56-0019	2369192	557896	12-65	3	301	14,280	4.24	606	238	10,913	4.60	502	6-72	35	587	-.09	17	38
93-56-0019	2376303	557896	5-66	4	297	13,837	4.41	610	216	10,847	4.66	505	10-72	37	562	-.06	19	39
93-56-0019	2376304	557896	5-66	3	305	13,360	4.59	613	226	10,726	4.62	496	10-72	35	487	-.03	19	36
93-56-0019	2381395	564683	6-66	3	301	14,413	4.25	612	226	10,873	4.59	499	7-72	33	585	-.08	18	39
93-56-0019	2381397	563101	6-66	3	296	15,623	4.29	670	259	10,960	4.59	503	5-72	29	686	-.06	25	49
93-56-0019	2409086	564683	9-66	3	278	14,646	4.52	662	269	11,050	4.59	507	1-73	33	597	-.03	24	44
93-56-0019	2409090	491754	9-66	4	283	14,007	4.63	649	266	11,040	4.56	503	2-73	40	614	.00	28	46
93-56-0019	2409116	491754	11-66	3	289	13,133	4.72	620	254	10,730	4.62	496	10-72	38	517	.00	24	41
93-56-0019	2410145	564683	1-67	3	280	14,850	4.30	639	232	10,733	4.64	498	6-72	33	659	-.08	22	45
93-56-0019	2413441	564683	2-67	4	305	13,872	4.69	650	193	10,815	4.69	507	12-72	35	548	-.01	24	42
93-56-0019	2413442	564683	2-67	3	277	15,663	4.03	632	238	10,753	4.63	498	5-72	33	766	-.13	21	49
93-56-0019	2432367	534519	7-67	3	299	15,480	4.65	720	232	11,106	4.56	506	4-72	34	574	.05	32	50
93-56-0019	2440066	564683	9-67	3	293	15,236	4.37	666	235	11,216	4.56	512	2-72	33	659	-.06	24	47
93-56-0019	2450508	557896	12-67	2	305	15,465	4.19	648	249	11,070	4.62	511	2-72	32	662	-.10	20	44

TABLE 2. GUERNSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
93-56-0019	2450509	491754	12-67	3	292	13,593	5.08	690	255	10,896	4.60	501	2-73		38	558	.07	33	$ 50
93-56-0019	2453836	550462	1-68	3	289	14,130	4.84	684	251	10,963	4.56	500	5-72		34	370	.12	30	40
93-56-0019	2456877	536658	2-68	3	297	13,646	4.71	643	201	10,663	4.62	493	8-72		33	422	.03	23	36
93-56-0019	2459228	567213	3-68	3	305	17,566	3.92	689	263	10,906	4.61	503	12-72		32	976	-.16	27	62
93-56-0019	2478609	571378	9-68	2	305	16,730	4.20	702	219	10,755	4.67	502	7-72		30	822	-.11	26	55
93-56-0019	2494720	557896	2-69	2	304	14,470	4.53	655	228	10,795	4.65	502	11-72		32	573	-.05	21	41
93-56-0019	2502110	573310	5-69	2	305	15,330	4.47	686	243	10,825	4.62	500	2-73		29	572	-.03	23	43
93-58-0048	2470084	552896	8-68	1	305	12,010	4.19	503	41	8,810	4.53	399	2-73		35	594	-.04	23	43
93-58-0048	2542288	552896	5-70	1	305	11,880	4.15	493	17	9,040	4.49	406	11-72		35	570	-.04	22	42
93-58-0048	2547129	552896	7-70	1	305	12,190	4.18	509	41	8,810	4.53	399	2-73		35	607	-.04	24	45

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
11-10-0001	7205686	1478868	6-68	3	305	21,336	3.76	803	44	15,876	3.60	571	1-73	33	763	.05	35	$ 60
11-10-0005	6951499	010259668	9-67	3	305	22,506	3.93	884	43	16,553	3.70	613	10-72	41	769	.04	34	60
11-10-0005	7089740	010255163	5-66	3	305	23,623	4.15	980	28	16,040	3.79	608	4-72	42	772	.16	53	76
11-10-0005	8067805	010255163	1-67	2	305	23,120	4.69	1084	25	16,680	3.64	607	4-73	40	549	.26	59	72
11-10-0011	6885431	1308429	8-67	4	305	20,417	3.62	739	55	14,997	3.76	564	9-72	44	792	-.05	21	50
11-10-0011	7068576	1404202	2-68	3	302	20,880	3.67	766	50	15,123	3.73	564	9-72	42	986	-.05	27	63
11-10-0011	7091932	1501809	2-68	3	305	19,326	3.72	718	45	15,076	3.66	552	10-72	33	719	.02	29	54
11-10-0011	7103940	1501809	4-68	3	300	21,906	3.58	785	47	15,920	3.66	583	12-72	33	974	.00	35	69
11-10-0011	7131071	1398216	8-68	2	305	23,645	3.92	926	43	16,955	3.63	616	2-72	40	1,061	.01	39	76
11-10-0011	7476502	1387978	8-69	1	305	22,160	4.06	900	47	16,880	3.62	611	1-72	36	847	.04	37	69
11-10-0011	7650662	1458744	6-70	1	305	19,850	3.83	761	54	16,130	3.55	573	2-73	36	725	.02	29	54
11-10-0011	7822199	1558186	1-71	1	305	24,160	3.60	870	33	15,940	3.51	560	3-73	19	806	.01	30	58
11-10-0011	7822204	1458744	2-71	1	305	19,320	4.11	794	32	16,100	3.49	562	3-73	36	687	.05	32	55
11-10-0013	6379728	1440135	10-65	4	305	21,353	3.68	785	29	16,180	3.82	618	2-72	35	835	-.02	27	57
11-10-0013	6893144	1462001	10-67	2	305	19,895	3.60	716	36	15,090	3.79	572	7-72	36	828	-.07	19	50
11-10-0013	7437874	010291760	10-67	3	305	20,163	4.32	872	35	16,080	3.76	604	11-72	34	637	.10	38	58
11-10-0013	7440579	010275932	6-69	2	305	23,915	3.63	868	38	16,065	3.84	617	1-73	40	940	.01	35	68
11-10-0013	7545230	1531710	12-69	1	305	24,150	3.34	806	42	15,350	3.79	582	8-72	22	992	-.06	27	63
11-10-0013	7685496	1531718	8-69	2	305	21,880	3.45	755	34	16,490	3.81	629	1-73	28	866	-.05	23	54
11-10-0015	7552316	1546361	1-70	2	291	20,690	3.53	731	26	15,575	3.60	560	2-73	29	892	-.01	31	62
11-10-0015	7552317	1546361	1-70	2	303	23,715	3.58	848	30	16,280	3.62	590	12-72	29	1,186	.00	42	83
11-10-0015	7552320	1546361	2-70	1	305	20,960	3.69	773	35	15,340	3.72	570	5-72	24	797	.01	30	58
11-10-0015	7622419	1536450	6-70	1	305	18,370	3.77	693	65	15,930	3.74	595	6-72	33	715	.00	25	50
11-10-0028	6526792	1462001	12-65	5	305	20,276	3.96	802	19	16,958	3.59	609	11-72	41	798	.01	31	58
11-10-0028	6806081	1462001	11-66	4	301	21,417	3.28	702	25	16,930	3.61	611	7-72	40	931	-.11	17	52
11-10-0028	6806085	1454800	9-66	5	304	22,040	3.73	822	28	17,568	3.58	629	2-73	44	649	.03	28	50
11-10-0038	6856274	1290716	3-67	4	305	18,473	3.62	669	6	13,806	3.57	493	4-73	44	548	.09	33	50
11-10-0069	6956991	1462001	10-67	3	305	20,343	3.74	760	14	16,213	3.68	596	12-72	38	837	-.04	24	54
11-10-0069	7360292	1087974	6-69	2	305	20,380	3.96	808	16	17,880	3.70	662	3-73	40	652	.04	30	52
11-10-0095	7661378	1458744	8-70	1	303	20,300	4.22	857	32	15,430	3.97	613	7-72	36	800	.03	33	60
11-10-0111	6669117	1273756	8-66	5	302	20,224	3.64	736	20	17,202	3.81	656	12-72	44	743	.01	28	54
11-10-0111	7348822	1506872	1-69	2	305	20,540	3.86	793	24	17,480	3.72	650	12-72	36	679	.04	30	53
11-10-0175	7519832	1536450	1-70	2	305	17,355	3.75	651	11	14,315	3.76	538	4-73	37	784	-.01	27	55
11-10-0175	7622985	1541916	7-70	1	305	21,710	3.29	715	27	14,120	3.74	528	10-72	33	854	-.04	25	56
11-10-0190	6829024	1273756	12-66	4	305	22,310	3.45	770	19	14,313	3.61	516	11-72	44	1,270	.00	45	89
11-10-0190	7066601	1330987	1-68	3	302	19,536	3.37	659	13	14,926	3.58	535	2-72	42	787	.00	29	56
11-10-0203	7873773	1458744	2-71	1	305	23,270	3.40	791	18	19,700	3.58	705	2-73	36	767	-.03	23	50
11-11-0035	7406436	1419528	8-69	2	298	19,455	4.00	778	20	14,040	3.92	550	1-73	40	775	.06	37	63
11-11-0040	6554465	1273756	5-66	4	305	23,835	4.11	980	19	15,570	3.89	606	3-73	44	1,334	.09	63	107
11-11-0040	6621551	1273756	8-66	4	305	22,523	3.79	853	17	15,053	3.95	595	3-72	44	1,224	.03	48	90
11-12-0007	6362049	1321904	8-64	6	305	19,183	3.41	655	28	13,305	3.55	472	2-73	44	829	-.02	26	55
11-12-0021	5931695	1330987	9-63	7	303	18,332	3.35	615	22	14,628	3.58	524	6-72	44	719	.00	26	51
11-12-0021	7180740	1481810	11-68	3	305	20,270	3.34	677	14	15,800	3.56	563	4-73	33	829	-.06	21	51
11-12-0037	7502170	1450228	1-70	2	305	19,095	3.45	658	12	15,715	3.43	539	2-73	40	840	-.03	26	56
11-12-0037	7592300	1427381	2-70	1	300	18,820	3.63	684	24	14,640	3.50	513	8-72	36	1,022	.05	44	78
11-12-0038	7502645	1508685	8-69	1	305	26,100	3.57	931	11	19,020	3.44	654	3-72	35	881	-.04	25	57
11-12-0038	7605903	1544708	7-70	1	253	22,820	3.01	688	17	16,200	3.41	553	9-72 B	31	1,042	-.02	34	71
11-12-0065	7367836	010278293	8-68	3	299	21,917	2.82	619	19	14,700	3.31	487	11-72	34	1,065	-.13	18	58
11-12-0071	6991442	1482482	10-67	2	305	21,730	3.79	823	19	16,500	3.55	585	12-71 H	30	807	.04	35	62
11-12-0079	7581610	1458744	1-69	2	305	20,455	3.05	623	15	16,145	3.49	564	2-72	40	868	-.07	20	52
11-13-0035	7808853	1419528	7-70	1	305	21,390	3.45	738	16	15,430	3.78	584	11-72	36	708	.00	26	51
11-13-0051	5898415	1244845	10-63	6	295	21,555	3.71	800	19	16,983	3.66	656	2-73	44	838	-.03	25	55
11-13-0051	6005181	1244845	7-63	6	305	22,457	3.87	870	24	17,135	3.85	659	7-72	44	939	.00	34	67
11-13-0051	6570753	1438758	4-66	4	291	21,073	3.61	760	11	15,045	3.88	583	5-72	43	1,020	-.08	24	62
11-13-0051	7200752	1427381	12-68	2	305	22,665	4.40	997	28	17,330	3.88	672	10-72	40	1,264	.13	66	107
11-13-0051	7291121	1427381	12-68	2	305	20,595	4.09	842	19	17,710	3.86	683	2-73	40	1,023	.08	49	83
11-13-0055	5907894	1273756	8-63	6	302	19,462	3.70	720	17	15,880	3.85	611	6-72	44	781	.01	30	57
11-13-0060	6286675	1329588	1-65	6	303	17,955	3.59	644	9	12,850	3.87	497	11-72	44	798	-.04	23	52
11-15-0043	6801505	1273756	3-67	4	302	18,390	3.97	731	26	16,385	3.76	616	9-72	44	581	.07	31	50
11-15-0110	7483865	1427381	7-69	1	305	19,960	3.82	762	10	15,400	3.77	581	12-71	36	1,062	.05	46	82
11-15-0115	6697493	1452493	11-66	4	305	23,017	3.63	835	33	17,325	3.95	684	4-72	35	1,004	-.05	29	65
11-15-0115	6756543	1237057	10-66	5	305	22,836	3.74	853	33	17,572	3.92	689	3-73	44	937	-.04	27	61
11-15-0115	6841987	010260599	4-67	4	294	22,820	3.52	803	29	17,340	3.93	682	3-73	44	930	-.09	19	54
11-15-0115	6948284	1456331	10-67	4	305	20,423	4.47	912	29	17,883	3.88	693	4-73	37	402	.17	40	50
11-15-0115	7718111	1427381	8-70	1	305	20,210	4.40	889	35	16,040	3.92	629	8-72	36	1,042	.10	53	87
11-15-0166	6899296	1312008	8-67	4	299	19,163	4.02	770	12	15,880	3.58	568	9-72	44	520	.11	36	51
11-15-0172	7765803	1458744	7-70	1	305	19,560	3.52	688	13	13,580	3.59	488	12-72	36	855	-.02	28	58
11-15-0177	7323341	1372874	11-68	1	305	23,240	3.15	731	7	14,260	3.57	509	10-72	36	889	-.10	16	50
11-16-0006	7008537	1466939	1-68	3	305	22,830	4.07	930	12	19,110	3.69	706	12-72	42	555	.11	36	53
11-16-0006	7304831	1282262	4-69	2	305	24,555	4.11	1008	10	18,845	3.66	689	10-72	40	561	.08	32	50
11-17-0001	6273754	1273756	3-65	6	292	17,600	3.52	620	25	13,902	3.68	511	10-72	44	745	.01	28	54
11-17-0012	6390520	1343044	11-65	4	305	21,340	3.68	785	14	15,320	3.73	572	6-72	36	914	.03	37	68
11-17-0032	6625498	1451531	8-66	4	305	23,187	3.55	823	21	15,882	3.85	612	3-73	35	1,212	-.04	38	81
11-17-0032	6913346	1495755	8-67	3	277	24,257	4.73	1147	27	16,500	3.92	646	2-72	29	1,159	.21	75	110
11-17-0032	7718698	1458744	8-70	1	305	22,360	4.27	955	20	15,130	3.85	582	1-73	36	971	.05	42	75
11-17-0036	6402191	1273756	8-65	5	305	18,720	3.81	713	10	15,288	3.60	550	10-72	44	746	.06	36	61
11-17-0053	7824286	1404202	9-70	1	305	22,860	3.22	736	32	15,850	3.24	513	1-73	36	885	-.08	20	53
11-17-0080	6360177	1433855	6-65	5	296	17,254	3.64	628	33	12,614	3.73	470	3-72	36	804	-.01	28	56
11-17-0080	6376474	1433855	5-65	6	287	16,945	3.58	606	43	12,557	3.71	466	4-72	36	765	-.01	26	53
11-17-0080	7400867	1372874	8-69	1	305	23,630	3.75	886	61	13,900	3.71	516	1-72	36	939	-.04	27	61
11-17-0098	7331571	1273756	10-66	2	305	17,875	3.69	659	20	13,280	3.55	472	5-72	40	746	.04	33	58
11-18-0003	6455273	1406271	8-66	5	304	21,254	3.91	832	22	17,936	3.72	667	2-73	44	862	.07	42	70
11-18-0046	7708719	1348259	1-69	2	305	21,245	3.39	721	22	16,915	3.59	608	10-72	40	743	-.02	24	50
11-18-0059	5801873	1354189	10-61	7	293	18,161	4.47	812	21	15,249	3.53	539	3-72	35	431	.19	44	54
11-18-0059	7080312	1273756	8-66	5	294	21,370	3.50	747	29	16,622	3.50	581	12-72	44	950	.02	37	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
11-18-0060	6116019	1273756	5-64	5	305	20,370	3.65	744	29	15,372	3.76	578	3-72		44	950	.02	37	$ 70
11-18-0060	7861319	1506939	8-70	1	305	20,790	3.93	817	26	16,320	3.93	641	12-72		24	660	.03	28	50
11-18-0066	5374074	1119252	7-61	7	305	19,377	4.19	811	15	15,120	3.78	572	3-72		44	695	.10	41	63
11-18-0067	6973297	1488558	8-67	4	305	21,397	3.53	756	66	17,220	3.73	643	10-72		41	858	-.02	28	58
11-18-0067	7357522	1419528	10-68	2	299	23,820	3.64	866	29	16,355	3.93	642	2-72		40	1,030	.01	38	74
11-18-0067	7424646	1419528	4-69	2	305	21,205	3.80	805	47	17,190	3.80	653	11-72		40	697	.04	31	54
11-18-0067	7424653	1312008	8-69	2	305	22,085	3.90	861	40	17,690	3.91	691	6-72		40	597	.06	31	50
11-18-0067	7552716	1419528	11-69	2	305	20,715	4.21	872	63	17,580	3.82	671	10-72		40	616	.09	36	55
11-18-0088	7471858	1273756	11-67	3	305	20,733	3.56	739	32	15,453	3.71	574	1-73		42	924	.01	35	67
11-18-0125	7468871	1447414	11-69	2	305	20,080	3.19	641	20	16,305	3.51	572	2-73		40	988	-.07	24	60
11-18-0125	7468872	1447414	12-69	1	305	20,680	3.42	707	22	16,580	3.45	572	8-72		36	941	-.04	28	62
11-18-0222	7017707	1404931	4-68	2	305	19,835	3.23	640	21	12,875	3.49	449	5-72		40	959	-.09	20	56
11-20-0002	6792478	1312008	3-67	3	305	22,047	3.76	830	32	16,810	3.81	641	1-72		42	738	.06	35	59
11-20-0004	6694223	1273756	8-66	2	305	22,735	3.62	823	11	18,545	3.73	692	7-72		40	812	.02	32	60
11-20-0004	6694224	1273756	8-66	2	304	23,740	3.70	878	9	19,455	3.76	731	2-73		40	840	.02	34	63
11-20-0042	7395367	1516360	5-69	2	295	16,490	3.88	640	20	14,920	3.47	518	7-72		38	672	.04	31	53
11-20-0042	7395368	1516360	5-69	2	292	18,845	3.42	645	17	13,780	3.63	500	3-73		38	1,016	-.02	33	69
11-20-0052	7917717	1404202	10-69	2	305	19,605	3.91	767	14	15,325	3.90	598	1-73		40	772	-.04	22	50
11-20-0066	7248199	1505262	9-68	2	305	20,055	3.90	783	53	16,275	3.85	627	9-72		30	668	.03	28	51
11-20-0066	7248202	1505262	9-68	3	300	20,773	3.73	774	55	16,183	3.84	621	11-72		33	828	.00	30	59
11-20-0066	7248205	1505262	10-68	3	298	20,546	3.96	814	56	16,106	3.84	621	10-72		33	797	.05	36	63
11-20-0066	7425323	1505262	12-68	2	277	21,190	3.83	812	32	15,150	3.85	583	5-72		30	911	.02	36	67
11-20-0066	7425326	1505262	2-69	3	305	19,380	3.96	767	33	15,968	3.83	611	2-73		33	665	.05	31	53
11-20-0066	7425332	1505262	5-69	2	299	20,960	3.86	810	64	15,845	3.85	610	11-72		30	817	.02	33	61
11-20-0066	7476517	1505262	6-69	2	305	20,190	3.78	764	62	15,975	3.84	613	11-72		30	713	.01	27	52
11-20-0066	7631512	1283917	10-69	2	305	22,290	3.80	847	88	16,280	3.83	624	10-72		40	829	-.05	22	52
11-20-0077	7593825	1417208	12-69	1	288	19,850	3.83	761	31	15,330	3.87	593	8-72		36	700	.01	27	51
11-20-0083	8027472	1427381	9-70	1	305	16,250	3.53	574	13	13,190	3.27	431	11-72		36	917	.05	41	72
11-20-0109	7436239	1312008	9-69	2	305	21,320	3.81	813	43	16,320	3.87	631	12-72		40	630	.05	31	52
11-20-0119	7258598	1375967	11-68	2	305	23,725	3.50	831	34	15,460	3.84	594	9-72		40	1,052	-.09	29	62
11-20-0119	7750550	1427381	6-70	1	305	17,540	4.05	710	28	15,970	3.73	596	11-72		36	847	.07	41	69
11-20-0134	7586423	1520161	11-69	1	305	18,870	4.61	870	14	14,620	3.53	516	3-72		33	653	.21	55	73
11-20-0182	7346706	1347940	2-69	2	305	18,590	3.62	673	13	13,405	3.65	489	11-72		40	969	.00	35	69
11-20-0182	7441555	1347940	9-68	2	305	20,410	3.65	745	17	14,280	3.54	505	1-72		40	1,083	.01	41	70
11-20-0184	6996231	1505968	12-67	3	305	29,663	3.26	968	29	16,787	3.71	623	1-73		33	2,107	-.11	50	134
11-21-0003	6606204	1273756	12-65	4	305	19,385	3.94	764	17	16,175	3.77	610	10-72		44	725	.06	35	59
11-21-0003	6606205	1273756	2-66	5	305	19,916	3.80	756	10	16,454	3.79	624	5-72		44	780	.03	33	59
11-21-0003	7395807	1419528	4-69	2	305	20,030	4.26	853	26	16,375	3.67	601	12-72		40	644	.11	40	60
11-21-0007	6776403	1451531	11-66	4	305	21,725	3.53	766	39	15,342	3.65	560	11-72		35	1,065	-.01	36	73
11-21-0009	6495915	1456372	12-65	5	305	20,544	3.46	711	52	15,770	3.54	559	1-73		36	803	-.02	29	60
11-21-0015	7665834	1348259	12-68	3	305	20,023	3.41	683	9	14,593	3.92	572	2-73		42	872	-.08	24	56
11-21-0048	6355232	1411214	7-65	5	305	21,096	4.22	890	21	15,880	3.76	597	12-72		44	695	.11	42	63
11-21-0048	6360277	1442001	7-65	6	304	21,048	3.72	783	28	16,427	3.64	598	1-73		36	807	.03	34	61
11-21-0052	6767134	1273756	3-67	4	302	17,325	4.06	704	10	14,168	3.71	526	9-72		44	669	.08	36	57
11-21-0052	7780054	1544708	7-70	1	305	20,070	3.58	718	17	16,110	3.54	571	1-73		31	823	.03	35	63
11-21-0058	7234199	1273756	2-67	3	305	18,803	3.78	710	17	15,710	3.75	589	2-72		42	678	.04	30	53
11-21-0058	7542801	1377691	3-68	3	305	20,123	3.87	779	13	15,733	3.71	583	4-73		42	732	.02	29	54
11-21-0080	6589400	1273756	6-66	5	304	22,068	4.12	910	20	16,956	3.74	635	2-73		44	1,006	.10	52	85
11-21-0080	6858512	1456372	8-67	4	299	21,558	3.52	758	23	17,188	3.81	655	1-73		35	838	-.04	24	54
11-21-0080	7499351	1521134	6-69	2	305	23,395	3.33	780	18	16,600	3.71	616	4-73		29	849	-.06	21	52
11-21-0095	7262874	1408080	7-68	3	303	22,126	3.52	778	28	18,553	3.60	667	11-72		42	787	-.04	22	50
11-21-0106	6325026	1424395	2-65	6	304	19,418	4.09	795	25	16,275	3.61	588	12-72		35	687	.12	36	50
11-21-0106	6491056	1273756	10-65	5	305	21,540	3.81	821	11	17,120	3.62	620	7-72		44	921	.06	42	73
11-21-0106	6685597	1273756	10-66	4	292	20,978	3.66	768	16	16,905	3.58	605	8-72		44	850	.04	36	65
11-21-0123	6951282	1273756	2-67	3	305	18,773	3.40	639	7	14,803	3.82	565	4-72		42	758	-.02	24	51
11-21-0133	7507956	1404202	5-69	2	305	20,200	3.29	664	10	14,675	3.57	524	8-72		40	886	-.09	18	51
11-23-0016	6843977	1348259	3-67	4	305	22,088	3.56	787	15	19,328	3.58	691	1-73		44	699	.01	26	50
11-23-0016	7118571	1348259	6-68	3	304	22,013	3.54	779	20	18,380	3.68	677	10-72		42	753	-.01	25	52
11-23-0036	6953702	1314767	11-67	3	305	22,176	4.02	892	28	18,673	3.92	732	6-72		42	603	.05	30	50
11-23-0036	7136566	1462001	7-68	2	305	25,585	3.64	932	42	19,235	3.98	766	11-71		36	1,086	-.08	26	66
11-23-0036	7155225	1454800	9-68	3	305	26,110	3.32	866	39	18,490	3.90	721	1-73		42	961	-.09	21	57
11-23-0036	7272732	1462001	11-68	2	305	23,270	3.42	796	26	17,085	3.98	680	6-72		36	1,021	-.12	18	57
11-23-0036	7677076	1404202	7-70	1	305	27,600	3.13	864	35	17,260	3.86	666	10-72		36	1,154	-.14	20	64
11-23-0039	7178954	1387978	8-68	2	200	19,055	3.54	674	12	15,290	3.79	580	1-72	B	40	790	-.03	24	52
11-23-0051	6101649	1329588	2-64	6	304	20,148	3.61	728	16	14,603	3.83	560	6-72		44	900	-.03	27	59
11-23-0053	7488089	1427381	12-69	1	88	15,610	3.53	551	12	12,580	3.58	450	9-72	B	36	906	.03	38	69
11-23-0063	7673444	1532556	7-70	1	305	24,040	3.32	799	26	16,760	3.59	601	9-72		29	860	-.06	21	53
11-23-0064	6707824	1389471	5-66	3	305	22,653	3.54	802	17	17,193	3.68	633	2-72		42	831	-.04	24	54
11-23-0064	6707828	1461213	11-66	3	304	19,670	4.28	841	12	16,773	3.63	609	9-72		41	596	.09	35	54
11-23-0069	6682144	1273756	9-66	4	284	17,736	3.73	662	17	14,860	3.53	525	8-72		44	652	.05	31	53
11-23-0090	7461395	1413165	6-69	2	305	27,600	3.32	916	27	19,055	3.82	728	7-72		40	1,275	-.15	22	70
11-23-0090	7606463	1399283	4-69	2	305	24,515	3.79	929	23	18,900	3.76	711	5-72		40	894	-.01	30	61
11-23-0090	7623377	1308429	3-69	2	305	29,275	3.27	957	22	17,725	3.79	672	12-72		40	1,356	-.12	30	80
11-23-0090	8117996	1456744	7-70	1	305	22,120	3.67	811	25	17,270	3.72	643	11-72		36	826	-.01	28	57
11-23-0093	7135480	1404202	7-68	2	298	20,450	3.36	687	16	13,400	3.52	472	1-72		40	1,015	-.08	24	61
11-23-0094	6415319	1273756	10-65	6	305	20,595	3.55	732	9	16,925	3.70	626	2-73		44	819	.00	30	58
11-23-0094	6415320	1273756	11-65	5	301	20,462	3.73	764	7	18,074	3.72	673	5-72		44	683	.03	29	52
12-11-0108	7091240	1517837	7-68	3	301	21,710	3.70	804	18	16,527	3.75	619	3-73		29	793	.00	29	57
12-11-0129	7444323	1520999	1-69	2	305	22,100	3.47	767	46	15,315	4.02	616	7-72		30	867	-.07	20	52
12-11-0129	7741217	1539782	8-70	1	305	24,110	3.30	796	28	15,540	3.93	610	11-72		23	886	-.04	26	58
12-11-0149	6624801	1281479	10-66	5	302	22,958	3.67	842	34	16,650	3.77	627	11-72		44	864	.06	40	69
12-11-0149	7217397	1281479	10-68	3	305	20,570	3.87	796	33	16,167	3.79	613	8-72		42	540	.09	33	50
12-11-0153	6493031	1254887	1-66	5	303	20,080	3.75	753	13	14,662	3.86	566	12-72		44	749	.00	27	53
12-12-0104	7478051	1536450	1-70	1	305	18,860	3.12	589	36	15,010	3.58	537	9-72		33	812	-.06	20	50
12-12-0104	7908065	1456744	3-71	1	303	20,060	3.36	674	13	15,250	3.61	550	3-73		36	793	-.04	23	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
12-12-0105	7553965	1404202	10-69	2	305	23,065	3.32	766	34	17,360	3.64	632	12-72		40	958	-.10	19	$ 55
12-12-0105	7580372	1536450	1-70	1	305	20,430	3.09	632	27	16,990	3.33	565	8-72		33	810	-.05	22	51
12-12-0112	7214410	1464844	2-67	4	305	19,580	4.22	826	23	15,770	3.69	582	1-73		30	614	.11	39	58
12-12-0112	7932383	1427381	2-70	1	305	19,080	3.55	678	27	14,090	3.78	532	7-72		36	1,074	.03	43	80
12-12-0173	6476658	1273756	1-66	5	305	17,704	3.50	619	17	13,524	3.91	529	10-72		44	797	-.02	26	54
12-12-0173	6622142	1273756	10-66	5	302	18,948	3.58	678	16	15,126	3.89	589	2-73		44	792	-.01	27	55
12-12-0209	5715422	1273756	2-63	7	276	18,331	3.65	669	31	15,404	3.52	542	3-72		44	684	.04	31	54
12-13-0109	7254475	1458744	3-68	2	305	18,610	3.24	603	17	14,310	3.63	519	8-71		40	830	-.05	22	52
12-13-0109	7254476	1458744	6-68	1	305	19,490	3.62	705	24	14,070	3.59	505	10-71		36	821	-.01	28	57
12-13-0109	7254477	1458744	10-68	1	305	22,080	3.52	777	22	13,970	3.61	504	9-71		36	1,020	-.02	34	70
12-13-0113	5535751	1246708	12-61	9	304	19,636	3.96	778	12	18,003	3.69	664	9-72		39	560	.08	33	50
12-13-0113	5535753	1356720	12-61	7	305	22,866	3.38	774	21	17,747	3.87	686	3-73		37	900	-.11	16	50
12-13-0113	5567978	1189870	12-61	8	305	23,345	3.52	822	16	18,338	3.75	688	10-72		44	897	-.02	29	61
12-13-0113	5797504	1071565	10-62	6	305	22,176	3.35	742	21	18,080	3.77	681	4-72		42	873	-.08	19	51
12-13-0113	5860270	1399902	3-63	6	305	22,470	3.49	784	18	18,142	3.76	683	1-72		35	855	-.04	25	56
12-13-0113	6882254	1422425	5-67	4	305	20,752	4.37	907	19	17,335	3.73	646	4-73		37	594	.18	48	64
12-13-0113	7023918	1416113	1-68	3	305	24,826	3.27	812	17	18,433	3.84	708	11-72		39	909	-.11	15	50
12-13-0116	7751012	1450228	6-70	1	305	17,570	4.09	718	32	15,440	3.68	568	12-72		36	676	.02	27	50
12-13-0146	7043970	1417208	8-67	4	305	20,418	3.58	730	38	16,585	3.90	646	12-72		44	834	-.03	25	55
12-13-0146	7323891	1516360	11-68	3	301	20,816	3.45	719	44	15,850	3.90	618	11-72		40	1,104	-.05	32	72
12-13-0154	5691621	1398315	11-62	7	305	21,764	3.63	790	31	17,554	3.75	659	10-72		36	853	-.03	26	56
12-13-0154	6416224	1449678	10-65	5	300	22,774	3.76	857	15	18,334	3.67	673	3-72		36	990	.04	42	75
12-13-0154	6670603	1398363	12-66	5	297	24,254	3.17	769	26	19,074	3.68	701	11-72		43	947	-.09	20	55
12-13-0154	6922634	1281479	11-67	3	301	21,937	3.66	802	36	17,337	3.72	645	9-72		42	589	.06	31	50
12-13-0154	7271203	1516360	1-69	2	305	20,090	3.55	713	34	16,630	3.79	630	7-72		38	907	-.02	29	61
12-13-0154	7271205	1312008	2-69	2	305	22,580	3.57	807	37	17,205	3.73	642	9-72		40	686	.03	30	53
12-13-0154	7431030	1404202	9-69	2	298	23,890	3.39	809	25	19,295	3.64	703	11-72		40	885	-.09	18	51
12-13-0155	7295391	1468348	8-68	2	304	20,455	3.85	787	35	17,790	3.51	624	9-72		30	616	.06	31	51
12-13-0162	7472731	1516360	7-69	1	302	16,780	3.57	599	55	14,560	3.50	509	9-72		33	706	.00	26	51
12-13-0162	7721805	1544708	7-70	1	305	19,950	3.64	727	45	15,860	3.44	545	12-72		31	830	.05	37	65
12-13-0162	7755384	1516360	6-70	1	305	16,810	3.34	561	38	14,070	3.51	494	8-72		33	739	-.02	24	50
12-13-0162	7781518	1516360	12-70	1	305	20,340	3.10	631	48	15,380	3.48	535	11-72		33	932	-.04	27	61
12-13-0172	6717545	1449776	11-66	4	302	20,400	3.95	806	28	16,412	3.68	604	10-72		35	694	.06	34	57
12-13-0174	6697708	1461939	9-66	4	244	20,640	3.83	790	18	16,010	3.74	629	1-72	B	33	802	.02	32	59
12-13-0194	5933646	1234506	9-63	6	305	24,253	3.39	822	18	15,358	3.75	576	3-72		44	1,364	-.10	33	83
12-13-0194	6233688	1215995	9-64	7	305	24,954	3.80	949	23	16,076	3.69	593	11-72		44	1,102	.07	51	88
12-13-0201	6647226	1278644	8-66	5	305	21,182	3.47	734	27	16,940	3.57	604	1-73		44	915	-.06	23	56
12-13-0205	6108188	1279868	9-63	6	305	20,222	3.68	745	23	17,583	3.51	617	5-72		42	665	.03	29	51
12-13-0205	6989123	1441695	11-67	4	277	20,027	3.71	743	14	17,255	3.87	668	2-73		35	781	-.03	23	51
12-13-0205	7339910	1441695	8-68	3	305	28,056	3.61	1012	15	16,100	4.04	650	1-73		33	1,953	-.06	60	130
12-13-0205	7339913	1441695	10-68	2	305	20,800	4.10	852	13	15,605	3.96	618	9-72		30	969	.02	38	71
12-13-0206	6921994	1330987	9-67	3	282	20,226	3.98	804	31	18,050	3.51	634	10-71	H	42	579	.11	37	55
12-13-0206	7194390	1427381	10-68	3	305	23,653	4.16	984	23	19,853	3.48	691	12-72		42	1,202	.14	66	104
12-13-0206	7704102	1406271	10-70	1	305	22,570	3.43	775	32	19,460	3.48	677	10-72		36	702	.02	29	53
12-13-0206	7704106	1427381	11-69	2	287	21,040	3.60	757	11	19,290	3.51	677	1-73		40	940	.05	41	73
12-13-0210	5909433	1244009	9-63	6	305	19,963	3.52	702	42	16,000	3.58	573	1-73		44	893	-.04	26	58
12-13-0210	7073421	1261857	9-67	3	305	17,630	3.47	612	35	14,637	3.64	533	8-72		42	650	.03	28	50
12-13-0210	7081239	1259069	11-66	4	287	21,200	3.54	750	41	15,728	3.66	575	9-72		44	825	-.04	24	54
12-13-0210	7475393	1347940	10-69	1	298	21,160	3.41	721	53	15,080	3.55	535	8-72		36	958	-.02	32	66
12-13-0210	7850398	1347940	10-70	1	305	21,490	3.19	686	60	16,580	3.44	571	12-72		36	893	-.03	28	60
12-13-0216	7194374	1513520	8-68	2	305	21,905	3.70	810	8	16,610	3.80	631	12-72		30	833	-.06	21	51
12-13-0225	6739846	1281479	1-67	4	305	24,355	3.33	811	13	16,580	3.37	559	5-72		44	1,006	.04	42	76
12-13-0249	7597385	1520162	10-69	2	305	20,530	2.84	583	46	14,985	3.51	526	4-73		36	887	-.09	18	51
12-13-0256	7331596	1404202	5-69	2	305	22,900	3.22	737	9	16,575	3.24	537	3-73		40	1,005	-.08	24	61
12-14-0103	5573247	1071565	3-62	5	305	18,198	3.90	709	21	15,224	3.51	534	11-71		42	643	.05	31	52
12-14-0121	7050506	1424299	10-67	3	305	21,143	3.61	763	19	14,543	3.69	537	1-72		33	926	-.01	31	64
12-14-0121	7050508	1424299	12-67	3	305	21,560	3.39	731	17	14,783	3.63	537	6-72		33	956	-.05	27	61
12-14-0121	7050511	1377691	12-67	3	305	18,623	3.79	706	19	14,140	3.69	522	6-72		42	706	.00	26	51
12-14-0121	7369817	1259069	6-69	2	305	25,010	3.39	849	35	16,505	3.56	588	1-73		40	1,031	-.05	29	66
12-14-0121	7369819	1399283	6-69	2	305	22,065	3.37	744	34	15,935	3.62	577	12-72		40	886	-.06	22	54
12-14-0121	7385344	1499133	11-68	3	291	18,573	3.14	583	22	15,346	3.50	537	4-73		39	1,025	-.10	21	59
12-14-0121	7385351	1377691	6-69	2	305	24,405	3.27	799	38	16,230	3.64	590	11-72		40	1,071	-.07	28	67
12-14-0121	7492456	1420145	10-68	2	305	21,200	3.38	717	38	15,925	3.61	575	10-72		40	876	-.07	20	52
12-14-0167	6541507	1281479	2-66	3	305	20,250	4.03	817	55	15,733	3.55	559	2-73		42	543	.13	40	56
12-14-0167	7095352	1290716	4-68	2	305	21,535	3.47	747	38	15,525	3.49	542	3-73		40	620	.08	34	54
12-14-0167	7439384	1458744	12-69	1	305	18,780	3.37	632	56	14,280	3.47	495	7-72		36	755	-.02	24	51
12-14-0173	7457153	1427381	10-69	1	305	15,720	3.87	608	14	13,110	3.63	476	6-72		36	882	.06	41	70
12-14-0173	7457154	1427381	12-69	1	305	17,820	3.56	634	16	14,580	3.48	507	4-72		36	951	.04	41	73
12-14-0173	7457155	1427381	12-69	1	305	18,940	3.51	664	16	14,580	3.48	507	4-72		36	1,034	.04	43	78
12-14-0173	7482903	1427381	2-70	2	301	17,205	3.27	563	15	14,850	3.37	500	3-73	H	40	911	.02	36	67
12-14-0174	6039926	1244185	9-63	8	281	18,789	4.11	772	45	14,380	3.71	534	1-73		44	707	.08	38	61
12-14-0174	6561980	1349319	3-66	5	305	21,368	3.63	775	46	15,498	3.61	559	12-72		44	891	-.01	30	61
12-14-0176	6584586	1273758	3-66	3	305	18,447	3.81	702	59	15,410	3.56	548	2-72		42	665	.06	33	55
12-14-0176	7232759	1459970	1-68	3	305	23,076	3.25	751	46	14,526	3.48	505	6-72		32	1,307	-.06	38	85
12-15-0105	6738497	1273756	7-66	5	298	17,514	4.04	707	22	15,084	3.75	566	11-72		44	612	.07	33	53
12-15-0105	6738498	1273756	8-66	5	300	17,698	3.61	639	19	14,528	3.78	549	10-72		44	693	.01	26	50
12-15-0119	6620911	1406271	9-66	5	300	19,958	3.40	679	57	15,724	3.78	594	11-72		44	923	-.02	30	63
12-15-0119	6705894	1406271	1-67	4	305	21,613	3.33	720	34	16,190	3.74	606	8-72		44	1,062	-.03	34	72
12-15-0119	7056012	1413165	12-67	3	297	20,797	3.57	743	49	14,820	3.75	556	9-72		42	998	-.10	21	58
12-15-0119	7751639	1399283	2-70	1	305	20,850	4.26	889	37	15,280	3.65	558	6-72		36	677	.04	30	53
12-15-0148	7592065	1404202	10-68	3	301	20,590	3.68	758	16	16,350	3.69	603	11-72		42	840	-.05	23	53
12-15-0150	7211508	1492322	7-68	3	305	19,763	3.73	737	37	14,677	3.73	547	1-73		39	763	.00	27	54
12-15-0151	6922281	1312008	12-67	3	305	20,137	4.04	814	29	15,097	3.81	575	2-72		42	676	.10	39	60
12-15-0160	6481042	1273756	8-65	4	292	16,823	3.59	604	33	13,190	3.69	487	7-72		44	704	.02	28	52
12-15-0163	7174390	1491062	12-67	4	303	19,265	3.50	675	16	14,948	3.81	569	3-73		35	858	-.06	22	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
12-15-0177	7381320	1387978	1-69	2	305	18,590	3.59	667	17	15,700	3.52	552	12-72	40	710	.00	26	$ 51
12-15-0177	7511173	1447414	9-69	1	305	19,930	3.31	659	12	15,640	3.43	537	12-72	36	942	-.04	27	61
12-15-0177	7689711	1447414	8-70	1	305	18,810	3.38	636	12	15,760	3.41	537	2-73	36	851	-.04	25	56
12-15-0177	8073742	1447414	9-70	1	305	17,370	3.63	630	12	15,760	3.41	537	2-73	36	744	-.02	24	50
12-15-0188	7373583	1427381	5-69	2	305	18,160	3.73	677	36	15,940	3.71	591	8-72	40	919	.04	40	71
12-15-0188	7373584	1427381	9-69	2	305	23,740	3.70	878	24	16,740	3.72	623	12-72	40	1,421	.04	58	106
12-15-0188	7471140	1427381	10-69	2	305	23,190	3.38	784	30	16,310	3.72	606	10-72	40	1,400	.00	50	99
12-16-0101	6795514	1312008	4-67	5	301	19,332	3.61	698	32	15,460	3.54	548	4-73	44	603	.05	30	50
12-16-0101	7164287	1377691	4-68	2	305	22,260	3.41	760	29	16,770	3.63	609	1-72	40	810	-.05	22	51
12-16-0131	5870339	1254807	4-63	7	302	20,436	3.79	775	46	15,237	3.67	559	5-72	44	735	.03	31	56
12-17-0107	7286743	1516360	2-69	2	305	19,210	4.01	770	23	16,830	4.09	689	8-72	38	797	.01	30	58
12-17-0113	7587849	1520161	1-70	1	287	17,890	3.53	632	16	14,520	3.57	518	2-73	33	583	.11	37	55
12-17-0140	5170396	1189870	9-60	9	305	20,923	4.65	972	16	19,388	3.74	725	6-72	44	476	.18	44	56
12-17-0140	5276002	1189870	11-60	6	305	23,563	4.27	1007	19	19,310	3.72	718	10-72	44	825	.13	50	75
12-17-0140	5882934	1376785	7-63	7	305	22,017	3.57	786	15	19,898	3.73	743	1-72	38	764	-.02	24	51
12-17-0140	6986740	1376785	7-67	3	305	23,900	3.25	777	18	19,726	3.72	734	11-71	35	992	-.09	22	59
12-17-0140	7348326	1454800	10-68	3	305	25,633	3.30	847	23	17,836	3.72	663	1-73	42	966	-.07	24	59
12-17-0140	7488087	1427381	11-69	2	298	17,710	3.58	634	23	16,195	3.58	580	1-73	40	853	.03	36	65
12-17-0143	7577329	1450228	1-70	1	305	18,950	2.97	562	24	14,010	3.42	479	8-72	36	864	-.07	20	52
12-17-0145	5614310	1189870	1-62	8	302	22,398	3.59	803	28	17,769	3.57	634	7-72	44	834	.01	32	61
12-17-0145	6675564	1070036	6-66	5	304	21,822	3.88	847	50	19,068	3.55	676	11-72	44	670	.10	40	61
12-17-0145	7001474	1070036	1-68	2	305	23,910	3.52	841	25	18,870	3.47	655	5-72	40	813	.04	36	63
12-17-0145	7192422	1308429	10-68	2	305	27,560	3.39	934	49	20,215	3.50	708	1-72	40	979	-.07	25	61
12-17-0145	7352458	1349319	5-69	2	305	26,185	3.25	851	34	19,225	3.42	657	8-72	40	919	-.06	24	57
12-17-0145	7743680	1404202	11-70	1	305	28,090	2.98	836	54	20,230	3.44	695	10-72	36	1,014	-.13	16	55
12-17-0149	7813722	1520161	9-69	2	297	18,650	3.82	712	8	14,915	3.49	520	10-72	38	701	.14	47	68
12-17-0153	5734992	1376785	10-62	5	287	18,718	3.39	635	8	15,868	3.52	558	4-72	38	753	-.03	23	50
12-17-0154	6778124	1368763	2-67	2	305	24,975	2.81	703	14	15,130	3.75	568	2-72	40	1,058	-.19	9	51
12-17-0156	6627609	1450372	11-64	5	301	18,512	3.48	644	32	13,048	3.62	472	6-72	32	817	-.02	26	55
12-18-0106	5577863	1229162	5-62	5	305	21,316	3.62	772	20	15,310	3.79	581	6-72	44	693	.05	32	55
12-18-0108	7101596	1499133	7-68	3	304	19,193	3.52	675	6	16,776	3.61	605	1-73	39	961	-.06	25	60
12-18-0112	7426866	1525051	10-69	1	305	22,430	3.37	755	25	14,240	3.63	517	6-72	19	771	-.03	23	51
12-18-0134	7298718	1417208	1-69	2	305	19,430	3.27	635	21	14,260	3.38	482	8-72	40	849	-.02	27	57
12-18-0134	7338410	1458744	12-68	2	305	21,765	3.13	682	19	14,165	3.37	478	7-72	40	1,162	-.06	33	75
12-18-0134	7630466	1458744	7-70	1	305	18,480	3.27	605	26	13,650	3.52	481	9-72	36	771	-.04	22	50
12-18-0156	6659977	1273756	11-66	4	305	19,550	3.61	706	12	16,180	3.74	605	4-72	44	745	.01	29	55
12-18-0162	7109583	1490864	9-67	3	305	19,766	3.08	609	17	15,346	3.45	529	11-72	38	871	-.07	20	52
13-01-0022	7571786	010302556	8-69	1	305	25,520	2.61	666	44	14,590	3.57	521	4-72	19	1,038	-.15	14	54
13-01-0144	7258572	1387978	2-69	2	298	19,755	3.44	679	24	16,475	3.70	609	3-72	40	765	-.04	22	50
13-01-0144	7541430	1406271	12-69	1	305	18,020	4.33	781	32	15,720	3.84	603	7-72	36	586	.08	34	52
13-01-0144	7541431	1406271	12-69	1	282	20,160	3.57	720	26	16,400	3.85	632	6-72	36	705	.02	28	52
13-01-0144	7541432	1406271	12-69	1	305	19,500	3.84	749	34	15,680	3.84	602	8-72	36	699	.04	32	55
13-01-0144	7541436	1308101	1-69	3	305	20,073	3.37	676	21	15,780	3.75	591	4-73	42	1,077	-.07	28	67
13-01-0144	7541437	1308101	5-69	2	305	17,260	3.81	657	33	15,500	3.90	605	9-72	40	773	-.02	24	52
13-01-0144	7541439	1308101	8-69	2	298	18,920	3.53	668	33	15,500	3.90	605	9-72	40	941	-.06	25	59
13-01-0144	7541440	1308101	9-69	2	294	21,800	3.40	741	37	16,340	3.72	608	12-72	40	1,165	-.06	33	75
13-01-0144	7541441	1308101	9-69	1	305	19,780	3.57	707	39	16,000	3.86	618	7-72	36	915	-.04	27	60
13-01-0144	7726264	1406271	2-70	1	305	22,060	3.71	818	32	15,720	3.84	603	7-72	36	887	.03	37	67
13-01-0166	7587729	1427381	10-69	2	305	17,140	4.14	710	38	12,190	3.74	456	12-72	40	1,120	.09	54	91
13-01-0202	7127285	1427381	9-68	2	300	18,980	3.30	627	36	16,360	3.58	585	4-72	40	969	.00	35	69
13-01-0202	7483193	1427381	10-69	1	305	20,040	3.89	779	36	14,990	3.57	535	5-72	36	1,092	.07	50	86
13-01-0202	7557914	1427381	2-70	1	305	19,620	3.36	660	40	14,190	3.51	498	7-72	36	1,108	.03	44	82
13-01-0203	6165213	1330987	10-64	7	304	21,372	4.18	894	36	18,055	3.61	651	1-73	44	758	.13	48	71
13-01-0203	6886009	010282341	10-63	5	267	21,594	3.80	821	26	16,380	3.67	601	1-72	32	882	.04	38	68
13-01-0203	7140734	1489372	8-68	3	305	23,190	3.35	778	30	18,886	3.70	698	12-72	34	867	-.09	18	50
13-01-0203	7310425	1483844	3-69	2	305	24,955	3.61	901	25	17,940	3.80	682	4-73	40	851	-.02	27	57
13-01-0203	7391637	1396885	9-68	2	305	25,530	4.05	1034	29	18,665	3.75	700	2-72	40	741	.07	37	61
13-01-0214	6162719	1239886	7-64	6	302	20,378	3.53	719	50	14,935	3.57	533	6-72	44	820	.02	33	61
13-01-0214	6204054	1417208	1-65	4	305	19,205	4.05	778	47	14,650	3.56	521	8-72	44	876	.07	43	72
13-01-0214	6471531	1330987	1-66	4	305	19,315	3.58	691	47	15,105	3.65	551	3-73	44	777	.03	32	58
13-01-0214	7348935	1427381	11-68	2	300	17,025	3.82	650	40	15,145	3.68	557	2-73	40	869	.06	40	69
13-01-0214	7419308	1427381	11-68	2	305	16,550	3.59	594	41	15,040	3.70	556	2-73	40	829	.03	34	62
13-01-0214	7523010	1427381	11-68	2	302	17,160	3.95	678	44	14,825	3.70	548	2-73	40	908	.07	44	74
13-01-0231	7484021	1419528	8-69	1	305	22,180	3.19	707	32	15,090	3.51	530	6-72	36	787	-.01	27	55
13-01-0311	7130052	1427381	8-68	3	299	16,180	3.57	577	41	12,566	3.63	456	1-73	42	1,013	.03	41	76
13-01-0311	7232700	1471985	2-69	2	305	17,770	4.30	764	42	12,130	3.68	446	12-72	32	471	.13	37	50
13-01-0311	7587726	1427381	10-69	2	305	16,180	4.10	664	42	11,990	3.69	442	12-72	40	1,039	.09	51	85
13-01-0311	7587728	1427381	10-69	1	305	17,280	3.92	678	50	12,240	3.75	459	9-72	36	1,050	.06	47	82
13-01-0313	6882798	1348259	8-67	3	301	24,177	3.46	837	30	19,303	3.51	677	3-72	42	917	-.01	32	64
13-01-0313	6892762	1348259	8-67	4	298	22,685	3.76	852	34	19,223	3.45	663	2-73	44	784	.06	37	63
13-01-0313	7122004	1347940	8-68	3	300	22,483	3.51	790	34	19,443	3.51	683	12-72	42	913	-.01	32	64
13-01-0313	7393200	1312008	8-69	2	305	24,195	3.69	893	41	19,070	3.48	664	11-72	40	699	.08	37	59
13-01-0314	7457290	1427381	12-69	2	281	15,105	3.91	590	28	13,425	3.61	485	2-73	40	814	.07	40	67
13-01-0324	6995506	1244009	12-67	4	303	18,180	3.44	625	10	14,542	3.43	499	3-73	44	798	-.04	23	52
13-01-0331	7797573	1427381	6-69	1	305	15,460	4.10	634	50	12,900	3.40	439	12-72	36	875	.09	45	73
13-01-0340	6629050	1330987	9-66	4	300	18,822	3.90	734	18	15,635	3.51	549	10-71	44	663	.09	38	59
13-01-0347	6348688	1278644	4-65	5	304	17,480	3.24	567	17	11,374	3.59	408	1-73	44	1,012	-.09	22	60
13-01-0366	7091563	1427381	7-68	2	305	15,250	3.82	582	25	13,330	3.38	451	7-72	40	836	.08	42	69
13-01-0368	7285954	1408080	3-69	1	305	22,890	3.20	733	5	14,440	3.98	575	11-71	36	942	-.10	19	54
13-01-0375	7249477	1458744	8-68	3	293	18,010	3.39	610	6	13,773	3.67	505	8-72	42	854	-.04	24	55
13-01-0382	6226240	1330987	2-65	3	302	19,390	3.41	662	28	14,543	3.51	510	2-72	42	806	.02	32	60
13-01-0382	6226243	1330987	3-65	5	289	15,906	4.06	646	28	13,518	3.51	475	4-73	44	521	.11	35	51
13-01-0382	7507700	1427381	12-69	1	305	16,650	3.71	618	41	15,140	3.68	557	7-72	36	830	.05	37	65
13-01-0382	7515257	1347940	11-69	1	305	19,260	3.12	600	40	15,080	3.70	558	7-72	36	816	-.05	22	52
13-01-0382	7923102	010275932	2-68	1	305	22,710	3.66	832	39	15,390	3.65	562	1-73	36	678	.02	28	51

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
13-01-0410	7520094	1427381	2-70	1	294	16,660	3.85	641	62	13,560	3.83	519	11-72	36	925	.05	41	$ 72
13-01-0411	6077406	1379345	8-63	7	305	20,729	3.41	706	33	15,899	3.64	579	7-72	38	966	-.06	25	60
13-01-0411	6743221	1431557	3-67	4	302	20,232	3.56	720	70	15,752	3.83	604	11-72	37	868	-.07	20	52
13-01-0411	7290826	1488608	10-68	3	226	20,050	3.72	745	42	16,083	3.87	623	4-73 B	35	673	.04	30	53
13-01-0411	7543048	1427381	8-69	2	237	20,905	3.49	729	93	15,220	3.86	588	11-72 B	40	1,256	.00	45	89
13-01-0411	7725420	1458744	11-70	1	305	21,110	3.34	706	90	14,960	3.86	577	11-72	36	888	-.05	24	56
13-01-0412	7388888	1347940	8-69	1	305	24,230	4.02	975	22	18,470	3.60	665	2-72	36	984	.06	44	77
13-01-0422	7841362	1530632	9-69	2	305	23,015	3.72	857	28	16,245	3.73	606	10-72	30	1,020	.00	36	72
13-01-0423	6347296	1231982	8-65	5	298	19,742	3.92	774	52	15,772	3.76	593	7-72	44	649	.04	29	51
13-01-0423	6604794	1431557	5-66	4	305	22,430	3.62	811	40	15,915	3.69	587	2-72	37	1,150	-.04	35	76
13-01-0428	7296573	1504520	9-68	2	305	22,340	3.75	837	14	15,585	4.00	623	9-72	29	968	-.01	33	67
13-01-0436	7448190	1427381	9-69	2	305	20,445	3.70	757	27	15,345	3.37	517	10-72	40	1,200	.07	54	94
13-01-0452	7542121	1427381	11-69	1	305	15,790	3.42	540	51	13,670	3.51	480	4-72	36	854	.03	36	65
13-01-0464	6880587	1280615	10-67	3	267	22,200	3.35	744	23	14,233	3.74	533	12-72 B	42	947	-.03	29	63
13-01-0473	6805398	1221835	7-65	3	305	22,847	3.23	738	18	17,560	3.40	597	2-73	42	906	-.06	24	57
13-01-0473	7676466	1458744	7-70	1	283	22,410	3.15	707	18	16,980	3.52	597	9-72	36	865	-.05	23	54
13-01-0473	8058442	1450228	8-70	1	305	20,840	3.59	749	15	16,850	3.39	572	2-73	36	835	-.01	29	58
13-01-0473	8058446	1450228	9-70	1	305	22,320	3.11	695	19	17,160	3.51	603	10-72	36	927	-.07	23	57
13-01-0473	8207484	1450228	7-70	1	305	25,480	2.90	740	23	17,710	3.44	610	1-73	36	1,130	-.09	26	68
13-01-0478	7353266	1347940	1-68	3	305	23,233	3.00	696	5	16,926	3.27	554	11-72	42	1,231	-.07	33	78
13-01-0530	6987595	1348259	2-68	3	291	20,993	3.52	739	21	17,360	3.42	593	4-73	42	729	.01	28	53
13-01-0534	6207060	1237057	11-64	5	300	20,856	3.26	680	86	14,634	3.45	505	12-71	44	985	-.08	23	59
13-01-0534	6982467	1458744	10-67	4	305	19,657	3.07	604	97	13,785	3.44	474	1-73	44	1,082	-.08	27	67
13-01-0540	7141035	1273756	2-68	3	304	17,563	3.78	664	28	14,710	3.60	529	10-72	42	627	.06	31	51
13-01-0563	7394906	1387978	9-67	3	305	21,333	3.73	795	16	18,883	3.60	679	10-72	42	761	.02	30	56
13-01-0620	6507534	1348259	2-66	3	305	20,407	3.77	770	19	16,723	3.59	601	3-72	42	720	.03	31	55
13-01-0640	6309105	1242221	3-65	6	304	16,197	3.33	540	16	13,030	3.55	463	3-73	43	955	-.03	30	64
13-01-0643	7269163	1427381	3-69	1	305	15,760	3.70	583	28	13,790	3.56	491	6-72	36	845	.05	38	66
13-01-0643	7521161	1427381	2-70	1	305	15,930	3.71	591	18	12,930	3.67	475	1-73	36	909	.05	40	71
13-01-0712	7199024	1389471	10-68	2	305	22,990	3.08	707	32	16,015	3.53	565	1-73	40	886	-.10	17	50
13-01-0728	5861999	1085978	8-62	8	292	18,131	3.53	640	14	14,115	3.60	508	1-72	44	757	-.01	25	52
13-01-0734	7452800	1427381	7-68	2	294	17,695	3.69	653	30	15,675	3.64	571	9-72	40	894	.04	39	69
13-01-0808	7196824	1261857	1-68	3	305	19,790	3.84	759	17	14,707	3.56	524	2-73	42	892	.09	46	75
13-01-0816	6685063	1273756	5-66	5	275	22,168	3.25	720	25	18,100	3.67	664	11-72	44	901	-.05	25	58
13-01-0816	7241937	1387978	10-68	2	305	22,185	3.26	724	17	18,010	3.54	638	4-72	40	887	-.05	24	56
13-01-0914	7313900	1506872	12-68	3	304	22,120	3.37	746	17	18,383	3.61	663	1-73	39	826	-.02	26	55
13-01-0914	7763802	1404202	1-71	1	305	23,250	3.63	845	16	17,470	3.59	628	12-72	36	818	-.05	21	51
13-01-0920	7483692	1520162	9-69	2	305	21,395	3.31	708	16	17,680	3.17	560	4-73	36	747	.01	28	54
13-02-0017	7666428	1450228	9-70	1	284	18,930	3.96	750	25	16,720	3.71	621	11-72	36	701	.01	26	50
13-02-0034	5942315	1239886	12-63	7	302	21,640	3.15	681	10	16,214	3.63	588	3-72	44	851	-.06	22	53
13-02-0034	7105983	1272013	12-67	4	302	22,370	3.06	685	18	16,940	3.63	615	11-72	44	953	-.13	14	50
13-02-0071	5075550	1285952	12-59	6	297	20,152	4.20	846	25	16,918	3.60	609	11-72	44	419	.16	39	50
13-02-0071	6515623	1148993	3-66	5	303	21,348	3.83	818	28	17,020	3.68	626	1-73	43	807	.05	37	64
13-02-0072	6690214	1406271	11-66	4	305	17,990	3.55	639	21	14,005	3.63	509	3-73	44	830	.03	34	62
13-02-0090	7788137	1493686	7-70	1	305	17,160	4.16	713	30	14,730	3.57	526	11-72	36	581	.08	33	51
13-02-0122	6007256	1085978	11-63	7	305	21,393	3.28	701	20	16,194	3.59	582	7-72	44	963	-.06	25	60
13-02-0122	6651389	1406271	10-66	3	305	22,530	4.06	914	14	16,117	3.59	579	4-72	42	1,134	.11	58	95
13-02-0122	6961824	1450228	9-67	4	305	21,902	3.58	783	27	16,760	3.65	612	12-72	44	1,136	-.02	37	77
13-02-0122	7435974	1530774	9-69	2	300	21,790	3.89	848	40	16,450	3.60	592	10-72	25	722	.05	34	58
13-02-0122	7453645	1393997	8-69	2	260	20,550	4.10	843	47	17,325	3.64	631	1-73	40	693	.07	36	58
13-02-0122	7604598	1399824	5-70	1	305	23,170	3.50	810	44	17,300	3.66	633	11-72	36	813	.00	30	58
13-03-0023	6284202	1354122	8-64	5	304	21,056	3.22	677	17	15,492	3.52	546	4-73	37	868	-.06	22	54
13-03-0023	7806569	1427381	9-70	1	305	18,370	3.73	686	34	16,280	3.65	595	10-72	36	891	.05	40	70
13-03-0027	5414385	010269901	8-61	9	305	21,037	4.58	964	22	15,757	3.74	589	4-73	32	873	.20	62	88
13-03-0027	7343918	010275932	6-69	2	305	21,735	4.08	886	23	16,300	3.89	634	1-73	40	700	.06	35	58
13-03-0053	6229624	1411214	11-64	6	304	21,445	3.50	751	38	15,897	3.69	587	11-72	44	738	-.01	25	51
13-03-0055	7688147	1536941	5-70	1	304	23,040	3.50	807	27	14,800	3.76	556	5-72	19	786	-.02	25	53
13-03-0169	6467891	1301172	1-66	4	305	19,693	3.82	753	14	14,040	3.70	519	1-72	43	704	.05	33	56
13-03-0169	7593070	1348259	1-69	2	300	19,710	3.67	724	25	14,745	3.74	552	10-72	40	763	.00	28	54
13-03-0173	6938601	1261857	9-67	3	305	22,290	3.71	827	17	17,683	3.72	658	10-72	42	906	.05	41	71
13-03-0173	7429097	1466747	5-69	1	305	25,870	3.69	954	14	19,380	3.79	735	9-71 H	35	707	.00	25	50
13-03-0338	5549961	1189870	10-60	6	299	22,525	3.69	831	13	15,520	3.60	559	10-72	44	1,082	.03	43	80
13-03-0338	5956168	1399197	10-63	6	294	18,991	4.03	765	17	16,406	3.58	587	4-72	40	678	.09	38	59
13-03-0338	7502176	1427381	11-69	1	305	21,350	3.61	771	17	17,530	3.64	638	7-72	36	1,038	.04	43	78
13-04-0008	6392295	1273756	9-65	4	305	19,628	3.41	670	48	15,088	3.38	510	3-72	44	863	.02	34	64
13-04-0008	6501508	1273756	8-65	6	304	20,077	3.04	610	46	14,878	3.43	511	3-73	44	964	-.06	26	61
13-04-0008	7243064	1387978	2-69	2	285	18,885	3.80	718	64	16,490	3.45	569	11-72	40	675	.03	29	52
13-04-0119	6155104	1273756	1-64	6	303	17,968	3.81	685	13	13,892	3.68	511	8-72	44	793	.05	36	62
13-04-0119	6656865	1273756	1-66	5	305	16,788	3.65	612	10	13,682	3.71	507	8-72	44	663	.02	27	50
13-04-0145	6613501	1330987	4-66	4	305	20,505	3.76	772	18	13,532	3.29	445	4-72	44	1,079	.09	53	88
13-04-0173	6517288	1397406	10-65	3	225	18,960	3.52	668	13	14,977	3.61	541	2-72 B	37	744	.02	30	55
13-04-0203	6900225	1397406	8-67	3	225	17,390	3.76	654	60	14,100	3.60	507	2-72 B	37	634	.05	31	52
13-04-0204	7425993	1417208	12-67	3	305	20,913	3.40	710	24	14,740	3.70	546	1-73	42	1,032	-.03	32	69
13-04-0205	7178149	1375967	8-68	2	305	20,740	3.82	792	21	14,570	3.96	577	6-72	40	821	-.06	21	51
13-04-0208	7000169	1312008	8-67	3	296	19,830	4.27	846	21	15,433	3.68	568	1-72	42	610	.14	43	61
13-04-0208	7452032	1520161	5-69	2	301	18,795	3.84	722	25	15,055	3.62	545	12-72	38	704	.13	45	66
13-04-0228	7057280	1492402	11-66	4	299	21,008	3.10	652	30	15,828	3.46	548	12-72	36	930	-.08	21	55
13-04-0228	7618219	1427381	1-69	1	305	20,530	3.65	749	53	16,420	3.38	555	9-71	36	1,043	.06	47	82
13-04-0291	7388884	1312008	8-69	1	305	23,090	3.61	834	11	15,340	3.38	518	1-72	36	682	.07	35	57
13-04-0315	6852773	1237057	3-67	4	304	21,035	3.40	716	18	15,420	3.54	546	7-72	44	898	-.06	23	56
13-04-0503	6641765	1457932	6-66	4	305	21,307	3.36	716	17	17,017	3.49	594	9-72	39	855	-.08	19	51
13-04-0503	7476598	1450228	12-69	1	305	22,310	3.27	730	17	16,670	3.39	565	2-72	36	955	-.04	28	62
13-06-0108	7335651	1387978	3-69	2	305	20,230	2.90	587	41	15,295	3.53	540	3-73	40	909	-.09	18	52
13-06-0108	7527342	010275932	9-69	1	305	21,060	3.88	817	58	14,300	3.62	517	9-72	36	620	.05	30	50
13-06-0109	7705575	1427381	11-70	1	305	17,170	3.55	610	17	14,650	3.69	540	2-73	36	898	.03	37	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED)

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
13-06-0111	6324196	1085978	4-65	6	303	19,487	3.07	598	16	13,833	3.67	508	12-72	44	961	-.09	20	$ 56
13-06-0126	6832857	1244845	3-66	4	299	20,120	3.74	753	27	14,750	3.64	537	7-72	44	856	-.01	30	60
13-06-0126	7630275	1427381	7-69	2	302	18,570	4.35	807	30	13,865	3.78	524	8-72	40	1,129	.12	59	95
13-06-0126	7630276	1427381	1-70	2	305	17,340	3.59	622	21	14,180	3.67	520	4-73	40	979	.03	40	73
13-06-0126	8067440	1427381	4-70	1	305	19,480	3.87	754	28	14,100	3.85	543	11-72	36	1,103	.05	48	85
13-06-0314	6432066	1273756	11-65	4	301	19,840	3.33	661	25	14,445	3.43	496	12-72	44	952	.00	34	67
13-06-0314	6510071	1348259	2-66	5	305	20,528	3.11	638	27	14,698	3.49	513	3-73	44	993	-.06	26	62
13-06-0314	7337514	1492241	6-69	2	305	21,550	3.30	712	23	15,375	3.49	536	4-73	37	948	-.04	28	62
13-06-0399	6949612	1199324	10-67	3	305	20,140	3.47	699	24	14,590	3.66	608	7-72	42	891	-.03	27	59
13-06-0399	7264780	1458744	10-68	2	305	21,970	3.81	838	20	16,825	3.60	605	6-72	40	967	.03	39	72
13-06-0399	7285157	1427381	8-68	2	305	20,460	3.94	806	16	18,485	3.64	672	3-73	40	946	.08	46	77
13-06-0474	6804628	1276654	8-66	4	304	19,178	4.15	795	23	15,570	3.73	581	12-72	44	584	.07	32	51
13-06-0474	7264773	1330987	7-68	3	300	20,686	3.56	737	26	14,693	3.72	546	12-72	42	941	.02	37	69
13-06-0474	7789291	1427381	4-69	1	305	21,670	3.57	774	26	16,970	3.55	603	1-72	36	1,095	.04	46	83
13-06-0492	6395722	1244845	9-65	5	305	20,222	3.54	715	40	16,096	3.54	570	4-72	44	758	-.03	23	50
13-06-0492	6948428	1397405	10-67	4	301	19,332	3.84	743	16	15,962	3.49	557	4-73	39	603	.07	33	52
13-06-0492	7106615	1427381	7-68	3	292	17,640	3.61	636	61	15,873	3.58	568	11-72	42	877	.04	38	68
13-06-0492	7420567	1261857	7-69	2	301	19,720	3.44	678	63	15,940	3.56	568	9-72	40	727	.03	31	56
13-06-0492	7529614	1427381	11-69	1	305	17,140	3.87	664	66	14,020	3.58	530	8-72	36	886	.07	42	71
13-06-0492	7529615	1427381	12-69	1	305	23,140	3.03	701	23	16,730	3.49	584	2-72	36	1,219	-.02	41	84
13-06-0492	7529616	1427381	12-69	1	305	21,340	3.42	730	67	14,910	3.59	535	10-72	36	1,194	.03	47	88
13-06-0492	7529619	1427381	1-70	1	305	18,940	3.62	686	68	14,950	3.60	538	9-72	36	1,012	.04	43	77
13-06-0492	7529620	1427381	2-70	1	303	22,580	3.69	833	63	15,130	3.57	540	11-72	36	1,273	.05	54	97
13-06-0492	7771168	1261857	8-70	1	305	20,410	4.21	859	70	15,220	3.59	547	10-72	36	732	.12	44	67
13-06-0503	6794653	1261857	11-65	4	305	22,645	3.57	809	20	14,540	3.51	510	9-72	44	1,297	.05	55	99
13-06-0630	7725994	1427381	5-70	1	305	17,600	3.30	581	24	12,700	3.61	459	10-72	36	1,047	.01	40	76
13-07-0042	6486455	1273756	12-65	1	305	18,520	4.51	835	32	16,080	3.81	613	9-72	36	531	.10	34	50
13-07-0042	6598230	1273756	5-66	1	305	20,480	3.62	742	24	16,090	3.80	611	2-73	36	676	.02	27	50
13-08-0012	6732458	1273756	1-67	4	305	16,835	3.68	619	12	13,545	3.62	490	9-72	44	670	.03	29	52
13-08-0040	6789273	1308429	10-66	3	305	22,073	3.18	703	17	14,956	3.58	536	1-72	42	942	-.10	18	53
13-08-0040	6948423	1491061	10-67	3	305	20,766	3.49	725	17	15,333	3.55	545	12-72	37	825	.02	33	61
13-08-0040	7474516	1427381	11-69	1	305	21,810	3.45	753	28	14,500	3.61	524	10-72	36	1,253	.02	49	92
13-08-0040	7474517	1427381	12-69	2	305	20,045	3.39	679	22	14,795	3.58	530	2-73	40	1,204	.01	45	87
13-08-0040	7474518	1427381	12-69	2	305	18,535	3.63	672	18	14,390	3.63	523	4-73	40	1,083	.04	45	82
13-08-0051	5409265	1333671	1-61	7	305	22,353	3.84	859	19	14,913	3.69	551	3-72	35	1,169	.05	50	89
13-08-0051	6947298	1377691	12-67	3	305	20,283	3.65	740	18	15,723	3.68	579	8-72	42	752	-.01	25	52
13-08-0122	7357684	1261857	8-67	2	305	16,945	3.53	599	11	13,465	3.45	465	4-73	40	646	.06	32	53
13-08-0122	8312388	1447414	5-71	1	305	16,350	3.61	591	11	14,120	3.34	471	3-73	36	765	-.02	25	52
13-08-0146	6134343	1259069	8-64	5	303	19,674	3.80	748	41	15,610	3.56	555	9-72	44	671	.02	27	50
13-08-0146	6743435	1273756	1-66	5	290	19,384	4.05	786	26	16,086	3.66	588	1-73	44	749	.09	41	65
13-08-0146	7000393	1290716	12-67	2	305	25,165	3.21	808	32	16,255	3.57	581	6-72	40	929	.02	37	69
13-08-0146	7123071	1455358	7-68	3	305	22,466	2.90	651	45	15,876	3.62	574	11-72	37	960	-.13	14	51
13-08-0177	7069286	1481810	4-68	2	299	17,790	3.65	649	10	12,775	3.63	464	5-72	30	762	-.02	25	52
13-09-0005	4704457	1194033	8-56	10	302	21,134	3.93	831	11	16,745	3.97	665	3-72	39	761	.00	27	54
13-09-0005	5645601	1189870	3-62	3	305	21,427	4.42	948	14	16,970	3.98	675	1-72	42	728	.11	43	66
13-09-0005	6226710	1292915	10-64	4	305	24,105	3.72	897	17	17,145	3.93	674	5-72	42	866	.00	31	61
13-09-0005	6747307	1473942	11-66	4	305	20,702	3.89	805	16	17,507	3.97	695	12-72	37	751	-.02	24	51
13-09-0007	7183672	1282262	12-68	2	305	22,355	4.38	980	7	16,070	4.04	649	2-72	40	563	.08	32	50
13-09-0008	7261408	1493643	2-69	2	305	21,560	3.63	783	34	15,455	3.80	588	1-73	39	961	-.06	25	60
13-09-0133	7661773	1520796	8-69	2	305	22,190	3.02	671	21	14,885	3.61	538	9-72	25	931	-.10	18	53
13-09-0134	7650056	1348259	10-68	3	297	17,533	3.90	683	23	13,843	3.75	519	1-73	42	655	.04	29	51
13-09-0140	7547413	1427381	6-68	3	305	18,373	3.94	724	10	16,133	3.50	565	10-72	42	937	.09	48	78
13-09-0140	7708963	1427381	11-69	2	305	17,645	3.97	700	9	16,120	3.59	579	2-73	40	852	.08	43	71
13-09-0140	7708965	1427381	12-69	1	305	19,540	4.40	859	11	16,750	3.58	600	1-73	36	950	.11	52	82
13-09-0140	7868884	1427381	10-69	1	305	20,390	3.64	743	10	15,920	3.44	548	9-72	36	1,063	.06	47	83
13-09-0140	7886843	1427381	9-69	2	305	22,510	3.30	743	10	15,365	3.44	529	9-72	40	1,408	.01	52	101
13-09-0148	7576538	1330987	9-69	1	305	20,970	3.71	777	7	15,540	3.47	539	3-72	36	694	.06	34	57
13-09-0167	6677986	1290716	9-66	5	305	20,966	3.71	778	28	16,956	3.70	627	12-72	44	569	.09	34	52
13-09-0167	7557956	1507098	9-69	2	305	23,130	3.43	794	30	16,965	3.75	636	11-72	30	1,006	-.07	25	62
13-09-0167	7587543	1419528	3-70	1	305	21,150	4.39	929	33	16,490	3.63	599	11-72	36	627	.11	39	58
13-09-0169	6617741	1458744	8-66	5	302	19,566	3.36	657	29	15,696	3.77	591	12-72	44	899	-.06	23	56
13-09-0169	7549941	1427381	11-69	1	305	21,190	3.74	793	23	15,260	3.73	569	5-72	36	1,162	.05	49	88
13-09-0169	7549942	1427381	12-69	2	305	18,980	3.61	685	20	16,005	3.71	593	4-73	40	997	.03	41	75
13-09-0169	7662141	1458744	7-70	1	305	24,130	3.54	855	28	16,810	3.71	624	2-73	36	1,003	-.02	33	68
13-09-0169	7771035	1427381	2-71	1	305	23,170	3.45	799	20	16,670	3.65	609	3-73	36	1,225	.02	47	89
13-09-0170	6586380	1461213	7-66	5	292	20,024	3.52	705	14	15,818	3.40	538	8-72	43	786	.00	28	55
13-09-0184	6590656	1273756	11-65	4	305	22,065	4.18	923	12	17,655	3.81	672	1-72	44	910	.10	49	78
13-09-0198	7068772	1389471	4-68	2	305	21,265	3.40	724	11	13,895	3.60	500	4-72	40	883	-.05	24	56
13-09-0201	5204805	1268604	12-58	8	301	23,044	3.33	767	13	13,945	3.49	486	1-72	36	1,424	-.06	41	92
13-09-0216	6902823	1458744	1-67	4	305	19,912	3.82	760	15	17,222	3.69	636	3-73	44	774	.01	30	57
13-09-0224	5391667	1148993	8-61	9	303	21,251	3.90	829	25	17,020	3.97	676	2-72	43	794	.03	33	60
13-09-0224	6447902	1063381	10-65	5	303	20,418	4.00	817	33	17,442	3.93	686	8-72	44	761	.00	28	54
13-09-0225	6593777	1273756	9-65	3	305	20,290	3.66	743	23	16,427	3.77	620	12-72	42	783	.02	31	58
13-09-0225	7850603	1347940	12-69	1	305	20,450	3.90	797	23	17,020	3.75	639	8-72	36	789	.02	32	59
13-09-0251	6962708	1301864	12-67	3	299	24,640	3.31	815	25	18,783	3.39	636	10-72	42	835	-.01	28	57
13-09-0251	7488085	1427381	10-69	2	295	20,410	3.56	727	21	17,575	3.58	629	1-73	40	1,015	.04	42	76
13-09-0251	7488086	1427381	11-69	2	299	19,995	3.16	631	21	17,575	3.58	629	1-73	40	973	-.02	32	66
13-09-0261	6697299	1273756	12-66	3	304	22,250	3.60	800	27	17,783	3.51	624	2-73	42	884	.03	37	67
13-09-0261	7079731	1290716	12-67	3	305	22,230	3.73	830	43	17,020	3.53	601	9-72	42	646	.11	40	60
13-09-0261	7235196	1420664	12-68	2	295	25,095	3.67	920	21	18,125	3.51	637	1-72 H	40	822	-.02	27	56
13-09-0267	6987085	1273756	2-68	1	305	18,440	3.74	689	6	14,050	3.61	507	2-73	36	646	.04	29	51
13-09-0305	6421481	1330987	9-65	5	305	19,078	3.63	693	23	15,596	3.53	551	11-71	44	716	.05	33	57
13-09-0305	7221840	1330987	9-68	2	305	20,580	3.35	690	20	15,355	3.57	548	9-71	40	805	.01	30	58
13-09-0305	7221844	1330987	12-68	3	300	21,956	3.20	702	23	15,883	3.57	567	10-72	42	978	-.03	31	66
13-09-0314	7297510	1427381	3-69	1	305	22,110	3.43	759	24	16,310	3.42	557	9-71	36	1,168	.03	47	87

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	I N D E X..... COW MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
13-09-0314	7297511	1427381	3-69	2	305	22,910	3.37	771	22	16,070	3.35	539	11-72		40	1,391	.02	54	$102
13-09-0314	7669404	1427381	3-70	1	304	22,150	3.28	727	24	15,640	3.30	516	10-72		36	1,210	.02	47	89
13-09-0314	7669405	1427381	3-70	1	305	22,040	2.97	655	14	15,600	3.29	514	8-72		36	1,205	-.01	42	84
13-09-0324	6936881	1348259	10-67	4	293	18,403	3.74	688	64	14,753	3.70	546	1-73		44	696	.02	28	52
13-09-0324	7126956	1398216	7-68	3	305	24,160	3.33	804	72	14,850	3.68	546	2-73		42	1,399	-.09	36	87
13-09-0324	7308857	1348259	1-69	2	297	21,570	3.35	723	74	13,285	3.63	482	8-72		40	1,071	-.03	34	72
13-09-0324	7375691	1398216	9-67	4	304	18,743	3.58	671	94	14,038	3.75	527	1-73		44	882	-.05	24	56
13-09-0324	7459341	1377691	2-69	2	305	22,550	3.26	736	100	13,390	3.67	491	8-72		40	1,114	-.06	30	70
13-09-0324	7748754	1404202	7-70	1	295	22,570	2.88	651	93	14,030	3.60	505	11-72		36	972	-.13	14	51
13-09-0517	6408591	1273756	7-65	6	295	19,352	3.90	754	14	16,365	3.85	630	8-72		44	717	.05	33	57
13-09-0538	6746625	1273756	8-66	5	305	17,614	3.29	580	22	13,972	3.56	497	3-73		44	739	-.02	24	50
13-09-0713	5902335	1273756	9-63	8	298	17,086	4.28	732	13	15,395	3.82	588	3-73		44	524	.10	34	50
13-09-0728	6488515	1273756	10-65	3	305	18,237	3.99	727	22	14,047	3.60	506	5-72		42	766	.08	40	65
13-09-0728	7534307	1404202	12-68	3	305	18,540	3.81	707	23	14,586	3.61	526	6-72		42	767	-.02	24	51
13-09-0747	5932900	1222994	6-63	7	305	21,276	3.40	724	18	17,681	3.65	646	1-72		44	789	-.03	23	51
13-09-0747	6432528	1411214	8-65	5	304	21,280	3.69	786	9	16,564	3.59	594	6-72		44	648	.04	29	51
13-09-0747	6664714	1279868	7-66	5	305	21,108	3.47	733	18	17,542	3.66	642	3-73		42	788	-.02	25	53
13-09-0747	6688442	1279868	7-66	5	301	21,198	3.35	711	21	17,534	3.67	644	1-73		42	801	-.04	22	51
13-09-0805	7653589	1427381	3-70	2	233	17,225	3.44	593	29	14,060	3.42	481	2-73	B	40	977	.03	40	73
13-09-0817	6802060	1413165	4-67	4	305	20,860	3.24	675	19	14,338	3.75	537	7-72		44	1,098	-.15	16	58
13-09-0817	7166249	1493360	2-68	3	301	18,780	3.86	724	27	14,597	3.75	548	9-72		32	698	.03	29	53
13-09-0817	7586351	1432733	11-69	2	305	18,020	3.71	669	21	13,785	3.66	505	4-73		40	713	.00	26	51
13-10-0026	6407537	1444720	10-65	6	301	21,045	3.94	829	25	15,172	3.51	533	12-72		32	949	.09	48	79
13-10-0027	5949457	1279868	9-63	6	305	22,658	4.20	951	21	16,453	3.82	628	3-72		42	1,113	.10	55	91
13-10-0027	6491422	1279868	11-65	5	298	18,744	4.47	837	19	16,396	3.69	605	11-72		42	594	.14	43	60
13-10-0027	6955273	1475488	4-67	4	298	22,153	3.54	784	16	15,843	3.67	582	11-72		35	901	.01	34	65
13-10-0033	6891911	1273756	8-67	3	305	19,487	3.69	720	14	15,120	3.45	521	5-72		42	811	.06	38	65
13-10-0040	6618106	1273756	8-66	5	305	17,028	3.74	637	22	14,410	3.53	508	4-73		44	619	.05	30	50
13-10-0040	7167854	1498036	7-68	2	305	21,420	3.61	773	23	14,940	3.58	535	4-72		37	778	.01	30	57
13-10-0040	7413188	1387978	6-69	2	305	22,235	3.32	738	24	15,530	3.61	561	10-72		40	1,093	-.05	32	71
13-10-0040	7540726	1387978	11-69	2	305	19,105	3.52	672	34	15,950	3.63	579	11-72		40	741	-.02	24	50
13-10-0040	7638125	1458744	2-70	1	305	21,120	3.62	765	29	15,880	3.63	577	11-72		36	834	-.01	29	58
13-10-0049	5711567	1189870	1-62	8	305	21,416	3.43	735	18	15,555	3.48	542	10-72		44	935	.00	33	66
13-10-0049	6620404	1231982	10-65	3	304	22,267	3.10	690	24	15,933	3.51	560	2-72		42	869	-.08	19	51
13-10-0049	6927330	1501141	11-67	3	305	19,610	3.85	755	17	16,283	3.37	548	2-73		32	536	.11	36	52
13-10-0049	6927334	1501141	12-67	3	305	20,410	3.90	795	16	16,693	3.40	568	4-73		32	600	.12	40	58
13-10-0049	7189435	1518226	8-68	2	305	26,475	2.94	778	31	15,265	3.43	524	9-72		25	1,435	-.12	33	86
13-10-0307	6173808	1329588	10-64	5	263	20,834	4.09	852	26	17,982	3.88	697	1-73		44	639	.04	29	50
13-10-0321	7002011	1458744	12-67	3	301	19,450	3.21	624	24	15,236	3.66	558	8-72		42	885	-.07	21	54
13-10-0335	6176831	1294703	10-64	5	301	19,072	3.28	625	12	14,742	3.42	504	8-72		44	912	-.06	24	57
13-10-0341	5951779	1396581	8-63	6	303	20,097	3.55	713	20	16,530	3.42	565	2-72		34	755	.04	33	58
13-10-0341	6999034	1372874	11-67	3	297	25,987	2.80	727	15	17,400	3.39	589	2-73		42	1,256	-.18	17	65
13-10-0341	7030958	1273756	12-67	3	305	20,690	3.30	683	20	17,157	3.54	607	9-72		42	762	-.02	25	52
13-10-0341	7170678	1290716	5-68	3	295	22,113	3.54	782	20	17,433	3.46	604	11-72		42	594	.09	35	54
13-10-0350	6425833	1237057	1-64	6	305	21,390	3.44	735	21	15,591	3.58	558	8-72		44	955	-.06	25	60
13-10-0350	6967487	1288610	2-68	2	305	24,240	3.49	846	19	16,745	3.52	589	3-73		40	877	-.04	26	57
13-10-0351	6395522	1386406	8-64	5	305	19,762	3.19	631	11	15,152	3.49	529	2-72		44	795	-.04	22	51
13-10-0372	6116010	1231982	4-64	5	297	20,130	3.28	660	11	13,730	3.40	467	4-72		44	909	-.04	27	60
13-10-0372	7406526	1447414	6-69	2	305	17,545	3.35	587	10	13,840	3.45	477	7-72		40	930	-.04	27	60
13-10-0372	7406527	1447414	9-69	2	262	16,330	3.37	550	12	13,915	3.37	469	10-72		40	801	-.04	23	52
13-10-0372	7589430	1447414	5-70	1	305	17,690	3.21	568	14	13,780	3.37	464	9-72		36	886	-.05	24	56
13-10-0404	6494822	1254887	12-65	5	305	24,950	3.43	857	13	19,260	3.56	685	10-72		44	902	-.03	28	60
13-10-0404	7147278	1387978	8-68	3	305	23,230	3.33	773	14	18,487	3.47	641	11-72		42	1,016	-.04	31	67
13-10-0405	7288558	010291281	6-66	4	301	16,127	3.89	627	30	13,945	3.57	498	10-72		39	651	.05	31	52
13-10-0406	7629550	010275932	6-68	2	305	20,460	3.42	700	10	14,585	3.61	527	5-72		40	709	.00	25	50
13-10-0412	7611288	1348259	7-70	1	305	22,120	3.75	829	7	17,170	3.46	594	1-73		36	680	.03	29	52
13-10-0416	5918000	1237057	10-63	4	299	21,417	3.80	813	25	14,270	3.85	549	7-72		44	1,059	-.02	35	72
13-10-0416	6840268	1276654	3-67	3	305	21,250	3.68	782	26	14,133	3.85	544	8-72		42	926	-.01	32	64
13-10-0417	5256768	1287883	9-60	6	258	20,595	3.68	757	11	15,220	3.67	558	4-72		36	774	.03	33	59
13-10-0417	7458500	1458744	7-69	1	305	23,950	3.83	917	24	16,990	3.46	588	11-71		36	979	.02	39	73
13-10-0440	7214701	1516360	12-68	2	292	17,230	3.16	544	10	14,235	3.41	485	4-73		38	808	-.04	23	52
13-10-0448	7748685	010288741	6-68	2	296	19,810	4.10	812	8	15,535	3.59	557	10-72	B	25	564	.08	33	51
13-10-0450	6491421	1273756	9-65	3	213	19,207	3.45	663	21	15,570	3.74	582	3-72		42	737	-.01	25	51
13-10-0471	6347390	1330987	8-65	1	296	19,210	3.83	736	15	13,530	3.55	480	10-72		36	683	.06	34	56
13-10-0480	7201987	1458744	4-68	1	305	18,060	3.83	691	9	13,960	3.67	512	10-72		36	721	.01	27	52
13-11-0107	7277874	1492426	10-68	2	305	20,625	3.61	744	21	15,205	3.58	545	12-72		29	758	-.01	25	52
13-11-0120	5241624	1343789	9-60	5	305	19,940	3.96	790	58	16,368	3.65	598	10-72		32	622	.07	33	53
13-11-0120	7328485	1489563	7-67	4	304	20,477	3.46	709	43	15,270	3.67	560	11-72		35	835	-.05	23	53
13-11-0127	7504780	1427381	1-70	1	305	24,470	3.24	793	9	17,050	3.58	611	10-72		36	1,299	.00	47	92
13-11-0132	7862289	1427381	11-69	1	305	18,930	3.04	576	40	15,240	3.58	545	8-72		36	994	-.01	34	69
13-11-0203	5834864	1085978	2-63	5	305	24,194	3.56	861	10	16,704	3.58	598	8-72		44	1,272	-.01	44	89
13-11-0203	6693902	1278644	7-66	4	303	21,750	3.29	715	26	17,518	3.49	612	10-72		44	906	-.09	19	53
13-11-0203	7478261	1419528	12-69	1	305	22,850	3.62	828	25	17,600	3.39	597	9-72		36	688	.05	32	55
13-11-0317	6345279	1242163	9-63	6	256	22,393	3.08	689	27	16,573	3.55	588	2-73		44	1,115	-.18	11	55
13-11-0317	7108123	1282596	9-66	3	305	21,333	3.50	747	15	15,463	3.43	530	10-72		42	779	-.02	25	53
13-11-0317	7181152	1348259	7-68	2	301	20,625	3.77	777	18	16,235	3.34	543	3-73		40	735	.06	35	59
13-11-0317	7722178	1536450	5-70	1	305	20,680	3.51	726	18	16,270	3.41	555	10-72		33	876	-.01	30	61
13-11-0317	7722179	1536450	5-70	1	305	20,930	3.01	631	18	16,270	3.41	555	10-72		33	895	-.07	22	55
13-11-0324	5788897	1085978	4-63	7	304	19,904	3.29	655	10	16,124	3.43	553	11-72		44	778	-.04	22	50
13-11-0324	7093218	1348259	3-68	2	305	21,070	3.36	708	6	16,580	3.46	573	1-72		40	752	-.01	25	52
13-11-0351	6820013	1389471	4-67	3	305	20,350	3.42	696	16	13,907	3.60	501	2-72		42	869	-.05	24	55
13-11-0357	6173260	1294703	7-64	5	305	20,880	3.31	692	12	13,098	3.63	476	1-72		44	1,320	-.08	35	83
13-11-0389	7585054	1427381	3-70	1	305	18,550	3.13	581	33	14,630	3.55	519	7-72		36	1,002	.00	36	71
13-11-0389	7585055	1427381	4-70	1	305	18,030	3.11	561	32	15,320	3.51	537	8-72		36	923	.01	34	66
13-11-0389	7585056	1427381	4-70	1	305	17,400	3.85	670	44	15,780	3.56	562	10-72		36	848	.06	40	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES... NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	C REPT	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
13-11-0402	6307450	1312008	11-64	4	305	21,210	3.47	737	19	15,625	3.60	562	3-72	44	798	.03	33	$ 60
13-11-0402	6588622	1221835	6-66	4	305	20,938	3.52	738	19	16,178	3.62	586	4-72	44	852	-.02	27	57
13-11-0406	6175712	1085978	9-64	5	298	19,410	3.25	630	24	13,716	3.73	511	2-72	44	963	-.07	23	58
13-11-0406	7253991	1404202	10-68	2	305	21,075	3.12	658	19	13,850	3.72	515	4-73	40	1,041	-.12	18	57
13-11-0438	6681917	1478272	11-66	4	305	16,760	3.51	588	22	14,400	3.67	528	5-72	38	774	-.01	27	54
13-11-0457	6385350	1282596	10-65	3	296	19,260	3.45	664	11	12,760	3.61	460	4-72	42	789	-.04	22	51
13-11-0458	7781297	1450228	9-70	1	305	21,370	3.40	727	5	14,880	3.48	518	12-72	36	992	-.04	30	65
13-11-0467	6881094	1389471	7-67	3	259	24,343	3.30	804	19	17,893	3.77	675	1-72	42	961	-.09	20	56
13-11-0467	7081121	1498782	2-68	2	304	23,565	3.79	893	18	16,860	3.75	633	11-72	25	905	.02	36	67
13-11-0467	8008223	1427381	3-70	1	305	17,540	3.55	623	26	15,910	3.73	593	7-72	36	851	.03	35	64
13-12-0013	6916047	1237057	7-67	4	304	20,140	3.56	716	30	14,730	3.79	559	9-72	44	856	-.06	22	53
13-12-0014	5915243	1405186	11-63	6	305	16,645	3.77	627	16	12,198	3.66	446	3-73	36	656	.04	29	51
13-12-0115	7632527	010275932	10-67	3	305	23,787	3.37	801	24	17,577	3.29	579	4-73	42	892	.01	34	65
13-12-0154	7589067	1273756	8-68	3	303	19,480	3.37	657	21	15,663	3.49	546	1-73	42	760	.00	28	54
13-12-0154	7898581	1489981	10-69	1	305	18,960	3.61	685	10	13,530	3.54	479	6-72	35	533	.10	34	50
13-12-0172	7015933	1312008	9-67	3	305	19,230	4.19	806	8	15,517	3.69	573	4-73	42	533	.12	38	54
13-12-0181	7237672	1312008	11-68	2	305	24,085	3.77	907	20	18,385	3.59	660	7-72	40	743	.08	39	63
13-12-0191	6963566	1490501	11-67	3	304	25,093	3.71	930	16	18,696	3.70	692	1-72	36	1,076	.03	44	81
13-12-0191	7614367	1419528	8-69	2	279	24,435	3.13	766	15	18,430	3.70	682	11-72 H	40	924	-.05	25	59
13-12-0227	7126125	1387978	8-68	2	305	21,205	3.67	778	41	16,355	3.43	561	3-72	40	922	.02	36	68
13-12-0254	6947083	1458744	9-67	3	297	23,133	3.73	863	7	17,170	3.58	614	4-72	42	1,131	.02	44	83
13-12-0255	7556744	1404202	3-70	1	305	21,870	3.87	847	7	15,510	3.83	594	8-72	36	832	-.04	23	53
13-12-0259	7229609	1318968	2-69	2	305	24,225	2.93	711	7	12,195	3.57	435	8-72	36	1,342	-.16	23	74
13-12-0266	6840083	1261857	3-67	4	293	18,238	3.80	693	23	15,445	3.33	515	12-72 B	44	664	.11	40	61
13-12-0268	7537477	1404202	9-69	2	305	24,210	3.23	781	17	18,120	3.66	663	2-73	40	1,013	-.12	18	56
13-12-0337	6942190	1261857	10-67	3	305	19,963	4.10	819	23	17,027	3.70	630	3-72	42	699	.12	43	64
13-12-0337	7230849	1261857	10-68	2	305	20,195	3.98	803	21	17,435	3.69	644	1-72	40	654	.09	38	58
13-13-0015	6016880	1199324	1-64	7	304	21,443	3.38	725	40	17,301	3.64	630	1-72	44	1,025	-.05	29	66
13-13-0015	7183299	1330987	11-68	2	303	22,665	3.26	738	36	17,520	3.55	622	12-71	40	840	-.01	29	58
13-13-0015	7235253	1312008	9-68	2	305	21,630	3.69	799	31	15,905	3.55	565	6-72	40	695	.07	35	58
13-13-0015	7352379	1427381	6-69	2	305	21,580	3.51	758	39	16,015	3.49	559	7-72	40	1,260	.04	51	94
13-13-0015	7357366	1521746	6-69	2	305	23,185	3.30	764	64	16,860	3.51	591	11-72	25	857	-.04	24	55
13-13-0015	7395429	1427381	9-69	2	305	20,595	3.93	809	62	16,340	3.49	571	11-72	40	1,134	.09	55	92
13-13-0015	7406347	1434146	2-68	3	305	23,776	3.28	781	62	16,290	3.57	581	9-72	35	940	-.02	31	64
13-13-0015	7548033	1427381	10-69	2	305	27,660	3.54	978	66	16,195	3.49	565	10-72	40	1,863	.04	73	137
13-13-0015	7670160	1458744	9-70	1	305	21,980	3.43	754	66	16,910	3.54	598	11-72	36	837	-.02	27	57
13-13-0018	6932024	1273756	1-66	5	305	18,962	3.40	644	12	14,862	3.72	553	1-73	44	821	-.02	26	55
13-13-0061	8981710	1281479	9-68	6	284	19,485	4.10	799	21	14,162	3.86	547	10-72	44	673	.12	43	63
13-13-0107	5666843	1369958	8-62	5	305	21,224	3.97	842	24	16,372	3.65	597	4-72	44	581	.11	37	55
13-13-0107	7134694	1458744	4-68	3	291	18,526	3.63	673	40	15,750	3.64	573	7-72	42	731	.00	26	52
13-13-0107	7137537	1458744	12-67	3	305	19,453	3.63	707	52	15,583	3.60	561	11-72	42	853	.00	30	60
13-13-0107	7648449	1427381	2-69	3	294	20,570	3.66	752	37	15,766	3.52	555	2-73	42	1,224	.05	52	93
13-13-0107	8093391	1458744	11-70	1	268	22,020	3.12	688	66	16,630	3.48	579	10-72	36	857	-.05	23	54
13-13-0140	6471484	1349319	1-66	5	304	20,180	3.97	802	14	16,516	3.60	595	1-73	44	632	.05	30	51
13-14-0142	7381109	1387978	7-68	3	300	20,377	3.88	790	15	17,463	3.44	600	1-73	42	782	.05	36	62
13-14-0149	7266222	1330987	9-68	3	303	20,293	3.53	717	22	16,366	3.59	588	12-72	42	742	.03	31	56
13-14-0149	7383023	1312008	3-69	2	305	21,035	3.56	748	26	16,240	3.48	565	8-72	40	608	.05	30	50
13-14-0149	7443024	1517540	7-69	2	305	18,715	3.91	732	26	16,330	3.46	565	8-72	36	509	.13	38	53
13-14-0154	6859454	1273756	7-67	4	305	21,508	3.65	785	25	17,153	3.79	650	12-72	44	891	.01	34	65
13-14-0154	7820904	1447414	2-71	1	305	22,510	3.53	795	16	19,550	3.66	716	2-73	36	901	-.04	26	58
13-14-0166	7060157	1273756	8-67	3	300	18,170	3.87	703	6	15,490	3.82	591	5-72	42	625	.04	29	50
13-14-0166	7879224	1419528	12-69	1	305	22,150	3.55	786	6	15,660	3.78	592	10-72	36	751	.01	29	55
13-14-0173	7183685	1261857	12-67	4	301	22,303	3.82	853	18	15,685	3.65	573	1-73	44	1,142	.08	54	92
13-14-0195	6064608	1273756	2-64	6	302	17,812	4.16	741	17	15,125	3.66	554	7-72	44	646	.10	39	59
13-14-0195	7180562	1408080	10-68	3	305	22,680	3.31	751	20	17,223	3.52	606	1-73	42	973	-.06	25	61
13-14-0195	7321555	1404202	9-68	2	305	21,370	3.60	769	11	16,910	3.60	609	2-72	40	823	-.06	21	51
13-14-0201	5957384	1377802	8-63	7	305	22,039	3.88	856	21	16,226	3.88	630	5-72	39	1,214	.04	50	91
13-14-0201	5957385	1377802	9-63	7	298	17,561	4.40	772	29	16,056	3.89	625	7-72	39	594	.12	39	57
13-14-0201	6118732	1377802	4-64	7	304	19,806	3.77	747	8	16,347	3.85	629	4-73	39	881	.02	35	65
13-14-0201	7145314	1290716	9-68	3	296	19,717	4.46	880	37	16,413	3.78	620	10-72	42	412	.19	44	54
13-14-0205	6532833	1254887	1-66	4	305	23,280	3.69	858	13	17,948	3.83	688	3-72	44	791	-.01	27	55
13-14-0205	6812098	1254887	2-67	4	305	25,413	3.44	874	17	18,915	3.77	714	1-73	44	958	-.05	26	61
13-14-0223	7057394	1261857	7-67	4	301	22,285	3.70	824	27	16,140	3.72	601	3-73	44	1,095	.05	48	85
13-14-0228	7444315	1521752	10-68	2	305	20,465	3.56	729	20	15,300	3.45	528	10-72	30	739	.03	31	56
13-14-0416	5120495	1289545	3-60	8	305	20,808	3.86	803	25	16,341	3.79	620	9-72	39	1,038	.00	38	74
13-14-0416	6060844	1244845	1-64	5	305	20,036	3.87	776	43	15,830	3.80	602	5-72	44	761	.00	27	54
13-14-0416	6750283	1435809	10-66	4	305	21,882	3.61	789	25	16,960	3.87	657	11-72	39	799	-.04	23	52
13-14-0416	6750287	1397406	10-66	4	305	20,010	4.08	817	38	16,735	3.76	630	7-72	38	724	.10	41	64
13-14-0416	6762027	1473942	1-67	3	305	21,320	3.92	836	32	16,400	3.85	632	5-72	36	915	.00	33	65
13-14-0416	7033921	1289545	11-67	3	285	19,176	4.15	795	22	16,653	3.89	648	4-72	36	736	.04	32	57
13-14-0416	7033923	1473942	1-68	3	305	21,436	3.66	785	34	15,763	3.76	593	12-72	36	995	-.03	31	66
13-14-0416	7033925	1473942	3-68	3	305	21,800	3.13	682	42	16,136	3.83	618	9-72	36	1,004	-.14	15	53
13-14-0508	6380265	1411214	4-65	6	305	19,415	4.67	907	18	16,418	3.57	586	3-73	44	423	.20	45	55
13-14-0524	6207040	1085978	10-64	4	305	21,905	3.61	791	72	16,488	3.52	581	3-72	44	970	.01	36	70
13-14-0524	7150427	1502940	7-68	3	301	20,897	4.28	895	56	18,623	3.50	651	12-72	33	443	.16	40	52
13-14-0524	7337245	1283917	4-68	3	305	24,046	3.08	741	43	17,016	3.51	598	4-73	42	1,043	-.14	16	56
13-14-0524	7402416	1404202	7-69	2	305	21,290	4.05	863	63	17,795	3.50	623	1-73	40	743	.02	30	55
13-14-0524	7446413	1510684	11-69	1	305	28,250	2.75	776	71	16,500	3.60	594	1-73	35	977	-.14	13	51
13-14-0524	7949892	1242221	12-69	1	305	20,800	3.24	674	104	17,100	3.44	589	8-72	34	986	-.03	31	66
13-14-0524	7979860	1427381	9-70	1	305	19,250	3.28	632	103	17,080	3.44	588	8-72	36	909	.02	36	67
13-14-0524	7984984	1427381	8-70	1	299	20,780	3.67	762	114	16,930	3.44	582	9-72	36	1,031	.06	46	80
14-10-0101	5914254	1273756	8-63	6	305	16,295	4.18	681	6	13,517	3.87	523	7-72	44	616	.08	34	54
14-10-0101	6729409	1273756	1-67	4	298	17,173	4.06	697	8	14,413	3.69	532	7-72	44	626	.08	35	55
14-10-0133	5729668	1367326	11-62	5	305	19,630	3.82	749	53	15,966	3.83	611	3-72	36	704	.02	29	53
14-10-0133	5927986	1418966	7-63	6	305	21,045	4.19	882	42	15,553	3.79	590	9-72	36	933	.11	51	81

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
14-10-0138	7819937	1332076	5-69	2	305	20,785	3.67	762	18	13,815	3.82	528	8-72		39	801	.01	31	$ 59
14-10-0227	6474779	1436308	2-66	5	296	19,426	3.97	771	18	14,402	3.80	547	6-72		36	947	.04	41	73
14-10-0227	6717564	1436308	12-66	5	297	18,252	3.54	647	22	14,530	3.79	550	12-72		36	757	-.03	23	50
14-10-0227	6892784	1436308	8-67	4	305	19,205	3.33	639	23	13,835	3.77	522	11-72		35	957	-.07	24	59
14-10-0227	6901383	1436308	9-67	4	305	20,670	3.41	705	21	13,982	3.78	529	12-72		35	1,149	-.05	33	74
14-10-0227	6972490	1436308	9-67	3	305	18,906	3.59	678	16	13,560	3.80	515	1-72		33	900	-.02	29	61
14-10-0227	6975194	1436308	12-67	4	304	19,835	3.77	748	18	14,760	3.79	560	2-73		35	941	.01	35	66
14-10-0227	6980356	1436308	2-68	3	298	20,350	3.74	761	8	14,563	3.81	555	3-72		33	985	.00	36	70
14-10-0227	7235211	1428145	11-68	2	305	22,800	3.48	794	35	15,195	3.81	579	2-72		40	1,099	-.08	27	67
14-10-0230	6798663	1458744	9-66	3	202	18,893	3.67	693	43	16,076	3.77	606	2-72	B	42	744	-.01	25	51
14-10-0231	7412791	1404202	4-69	2	305	20,730	3.67	761	23	14,050	3.74	526	8-72		40	990	-.06	27	63
14-10-0233	7617536	1427381	12-69	1	305	22,610	3.82	864	33	15,070	3.88	585	7-72		36	1,279	.05	54	97
14-10-0235	6928276	1458744	10-67	4	305	22,645	3.52	796	41	18,220	4.09	746	3-73		44	1,013	-.08	24	61
14-10-0235	7344104	1427615	1-69	2	305	22,235	3.85	855	34	17,430	4.13	719	6-72		40	984	-.10	20	57
14-10-0235	7439337	1427615	10-69	2	305	22,585	3.82	863	46	18,675	4.04	754	12-72		40	918	-.10	18	52
14-10-0235	7607473	010303205	5-70	1	305	21,410	4.37	935	49	18,250	3.96	722	11-72		23	596	.09	35	54
14-10-0235	7657458	010303205	6-70	1	305	22,850	4.07	929	28	16,410	4.08	669	8-72		23	859	.05	38	67
14-10-0235	7657461	010303205	8-70	1	305	21,670	4.18	905	49	18,570	3.98	740	1-73		23	596	.06	31	50
14-10-0235	7691705	010303205	9-70	1	305	25,100	3.82	958	49	18,570	3.98	740	1-73		23	907	.02	35	66
14-10-0235	7691706	010303205	10-70	1	305	24,530	3.94	967	41	18,400	3.96	729	2-73		23	867	.04	37	66
14-10-0244	7299153	1427381	1-69	1	305	21,490	3.83	822	11	15,690	3.54	556	8-71		36	1,158	.07	52	91
14-10-0246	7372920	1312008	8-69	2	305	22,950	3.49	801	40	18,020	3.50	631	10-72		40	658	.04	30	52
14-10-0309	7735266	1348259	3-69	2	292	21,935	3.43	753	82	14,275	3.91	558	8-72		40	1,027	-.04	31	68
14-10-0309	7735280	1545317	6-70	2	299	18,380	3.98	732	48	14,615	3.68	538	3-73		35	713	.04	32	56
14-10-0325	6548212	1398363	9-64	5	305	18,086	3.93	711	32	14,010	3.82	535	1-73		43	669	.04	30	52
14-10-0325	7359576	1427381	9-68	2	299	15,825	3.84	608	39	13,725	3.75	515	9-72		40	862	.05	39	68
14-10-0325	7587724	1427381	12-69	1	305	18,410	3.79	698	24	12,910	3.87	499	12-71		36	1,095	.04	46	83
14-10-0345	7060925	1458744	10-67	3	305	16,990	4.07	692	27	14,733	3.70	545	7-72		42	648	.04	30	52
14-10-0348	7367051	010291281	1-68	3	305	16,836	3.79	638	23	14,776	3.54	523	12-72		37	648	.03	28	50
14-10-0352	6090894	1273756	1-64	3	305	17,333	3.18	552	7	12,820	3.58	459	6-72		42	775	-.03	24	52
14-10-0407	7212159	1261857	1-67	5	259	20,316	3.74	759	15	17,940	3.64	653	2-73		44	686	.07	35	57
14-11-0117	6725421	1273756	8-66	5	293	18,584	3.51	653	17	15,366	3.77	580	1-73		44	721	-.01	25	50
14-11-0150	6894519	1290716	10-67	3	247	21,430	3.41	731	11	15,793	3.77	595	1-72	B	42	667	.04	30	52
14-11-0164	5893997	1254887	3-63	7	297	22,264	3.39	754	12	13,977	3.73	522	2-73		44	1,101	-.05	32	72
14-11-0168	7038816	1458744	5-67	3	305	22,286	3.25	725	11	16,770	3.44	577	1-73		42	1,070	-.05	31	69
14-11-0177	6798667	1464924	1-67	4	295	19,253	3.38	650	43	14,978	3.55	532	12-72		33	794	-.02	26	54
14-11-0177	7031932	1487063	3-68	2	305	23,175	3.26	755	26	15,285	3.65	558	2-72		30	976	-.06	25	61
14-11-0181	6990526	1458744	9-67	3	305	19,140	3.49	668	18	15,256	3.65	557	3-73		42	848	-.03	26	56
14-11-0201	7290876	1278644	5-68	3	298	21,907	3.58	784	10	16,940	3.60	609	7-72		42	944	-.05	26	60
14-11-0226	7620791	010298257	7-68	3	299	21,413	3.35	717	12	17,166	3.52	604	2-73		33	791	-.03	24	52
14-11-0237	5926712	1273756	5-63	7	304	17,591	3.42	602	11	13,600	3.67	499	7-72		44	775	-.01	27	54
14-11-0237	6782473	1470157	4-67	4	305	18,570	3.73	693	13	14,488	3.49	506	2-73		36	759	.08	39	64
14-11-0239	6260564	1273756	11-64	6	303	21,155	3.18	672	11	16,110	3.53	569	10-72		44	975	-.05	28	63
14-11-0239	7473832	1427381	11-69	2	305	18,870	3.95	746	16	15,885	3.63	576	12-72		40	996	.08	48	81
14-11-0239	7521811	1427381	3-70	1	305	19,610	2.74	538	22	15,100	3.42	517	7-72		36	1,053	-.03	33	70
14-11-0239	7707125	1427381	4-70	1	305	18,380	4.03	740	21	15,610	3.48	544	9-72		36	931	.09	47	77
14-11-0308	6095018	1273756	5-64	7	301	19,413	3.15	612	20	15,823	3.53	558	3-73		44	780	-.04	22	50
14-11-0320	7621408	1427381	12-69	1	305	21,010	3.91	822	15	15,170	3.71	563	2-72		36	1,154	.07	52	91
14-11-0320	7621409	1427381	1-70	1	305	17,440	4.00	698	15	15,170	3.71	563	2-72		36	888	.06	42	71
14-11-0320	7730388	1458744	11-70	1	305	21,870	2.98	652	14	16,060	3.44	552	1-73		36	880	-.06	22	54
14-11-0321	5119943	1063381	5-60	10	297	17,176	3.46	595	7	12,940	3.62	468	11-72		44	807	-.05	22	51
14-11-0321	6882130	1237057	11-66	4	305	18,612	3.91	727	24	13,290	3.45	458	10-72		44	809	.03	33	61
14-11-0324	7483501	1408640	5-69	2	304	20,010	3.95	790	45	14,770	3.44	508	9-72		40	730	.06	36	60
14-12-0062	6375621	1199324	11-63	6	305	23,672	3.34	790	17	17,268	3.58	618	8-72		44	1,316	-.05	39	86
14-12-0062	7792194	1458744	2-70	1	305	24,000	3.03	727	24	18,200	3.43	624	7-72		36	911	-.06	23	56
14-12-0105	6373518	1273756	7-64	5	301	17,026	3.86	658	5	14,652	3.61	529	1-72		44	593	.06	31	50
14-12-0207	6230488	1273756	9-64	5	305	18,010	4.25	765	41	15,132	3.91	592	11-72		44	671	.09	38	59
14-12-0207	6857580	1273756	3-67	4	305	17,968	3.93	707	32	15,248	3.86	588	4-73		44	642	.05	31	52
14-12-0356	6056715	1237057	2-64	4	305	19,405	4.15	805	14	15,060	3.88	584	12-71		44	732	.02	30	55
14-12-0356	7566278	1458744	3-70	1	305	17,950	3.56	639	29	12,970	3.74	485	8-72		36	772	-.02	25	52
14-12-0359	5299962	1154946	1-61	5	305	21,178	4.86	1029	34	15,712	3.79	595	3-72		44	881	.18	60	86
14-12-0359	5837906	1387978	2-63	6	290	17,698	4.16	736	29	15,318	3.79	580	7-72		44	692	.06	34	57
14-12-0359	6757515	1469957	7-66	5	301	21,130	3.58	756	26	15,508	3.77	585	3-73		36	973	-.02	32	66
14-12-0402	6632653	1273756	10-66	4	270	23,158	3.97	919	18	18,785	3.65	686	7-72		44	933	.09	47	77
14-12-0402	6807477	1273756	5-67	4	305	21,645	3.66	792	24	17,243	3.67	632	2-73		44	899	.03	37	68
14-12-0402	6948229	1273756	11-67	3	305	21,857	3.66	800	24	17,663	3.65	645	11-72		42	850	.03	35	64
14-12-0402	7669926	1419528	5-70	1	305	20,670	3.64	753	25	15,010	3.58	537	7-72		36	680	.04	30	53
14-12-0508	6067692	1273756	11-63	3	305	20,897	4.12	861	53	16,897	3.76	636	3-72		42	810	.09	43	69
14-13-0030	7147728	1458744	4-68	2	293	17,015	3.83	652	16	11,325	3.52	399	9-72		40	910	.02	36	67
14-13-0035	6918269	1417208	9-67	3	305	18,360	3.25	597	18	14,000	3.56	498	6-72		42	807	-.04	23	52
14-13-0040	6018575	1273756	8-63	7	305	20,157	3.75	756	30	14,447	3.86	558	9-72		44	1,018	.02	40	75
14-13-0040	6346642	1273756	2-64	6	305	18,945	3.92	743	30	14,028	3.90	547	5-72		44	905	.05	40	70
14-13-0040	6346648	1273756	3-65	5	305	21,524	3.40	732	25	14,424	3.88	559	6-72		44	1,197	-.04	37	80
14-13-0040	6725110	1273756	7-66	2	305	17,795	3.93	700	26	14,970	3.76	563	4-72		40	601	.06	30	50
14-13-0040	7000928	1273756	1-67	2	305	21,545	3.62	779	25	14,720	3.86	568	3-72		40	1,002	.01	38	73
14-13-0040	7187887	1404202	6-68	3	305	21,880	2.97	650	41	15,350	3.71	570	11-72		42	1,080	-.16	13	55
14-13-0040	7204196	1278644	7-68	3	294	21,303	3.50	745	43	15,430	3.69	570	11-72		42	1,013	-.07	26	63
14-13-0040	7204208	1516360	12-68	2	305	19,390	4.05	785	36	15,235	3.76	573	8-72		38	951	.04	41	73
14-14-0010	6578961	1273756	3-66	5	305	19,064	3.69	703	26	16,244	3.79	615	3-73		44	692	.02	28	52
14-14-0025	6162695	1273756	10-64	5	305	21,268	3.48	740	29	15,776	3.64	574	9-72		44	1,025	.00	37	73
14-14-0025	6367215	1273756	9-65	4	280	20,280	3.31	672	36	16,035	3.64	584	10-72		44	849	-.02	27	57
14-14-0025	6631663	1273756	7-66	4	305	17,920	4.03	722	36	15,920	3.57	569	8-72		44	569	.09	34	52
14-14-0025	6631666	1273756	7-66	4	305	20,068	3.58	718	36	16,670	3.59	598	10-72		44	761	.02	31	57
14-14-0025	7162728	1488558	9-67	2	299	22,265	3.36	748	52	16,450	3.43	565	12-71		38	925	-.01	32	64
14-14-0025	7162729	1484615	11-67	3	303	21,183	3.49	740	50	16,560	3.51	581	10-72		32	844	.00	30	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	RCPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
14-14-0025	7356925	1389368	7-68	2	305	22,860	3.18	726	47	16,295	3.47	566	3-72	40	843	-.06	21	$ 52
14-14-0025	7356930	1516803	2-69	3	291	22,283	3.21	716	46	16,246	3.39	550	2-73	39	870	-.03	26	67
14-14-0025	7430667	1278644	9-67	3	299	23,317	3.90	910	45	16,663	3.44	573	4-72	42	1,131	.02	44	83
14-14-0025	7493067	1404202	7-69	2	305	24,230	2.96	716	41	16,400	3.45	566	11-72	40	1,155	-.14	19	63
14-14-0025	7706618	1404202	11-69	2	305	23,270	3.00	699	45	16,315	3.44	561	11-72	40	1,064	-.13	18	58
14-14-0025	7706619	1404202	1-70	2	295	20,855	3.55	740	50	16,430	3.41	561	11-72	40	810	-.05	22	51
14-14-0025	7706620	1404202	1-70	1	305	26,290	2.86	752	52	17,220	3.19	550	1-72	36	1,059	-.12	19	59
14-14-0025	7706623	1404202	4-70	1	305	23,440	3.28	768	34	15,060	3.77	568	9-72	36	976	-.10	19	56
14-14-0025	7706624	1404202	7-70	1	305	22,160	3.49	774	45	15,740	3.60	566	11-72	36	840	-.07	19	50
14-14-0025	7706644	1375967	1-70	2	305	23,325	3.50	816	45	16,200	3.31	536	2-73	40	951	-.05	26	60
14-14-0033	7420732	1330987	7-69	2	305	19,300	3.14	606	68	13,945	3.67	512	1-73	40	789	-.02	25	53
14-14-0041	7295135	1398216	12-68	3	301	22,217	3.34	743	32	15,983	3.81	609	11-72	42	1,072	-.10	23	63
14-14-0048	7132654	1427381	4-68	3	305	16,926	3.99	675	21	15,266	3.50	535	7-72	42	850	.09	45	72
14-14-0057	7300885	1283917	1-69	2	305	20,790	3.41	708	20	13,865	3.70	513	11-72	40	873	-.09	17	50
14-14-0075	6578280	1273756	3-66	4	305	17,328	4.24	735	21	13,525	3.63	491	6-72	44	733	.11	44	67
14-14-0075	6830535	1483416	3-67	4	305	18,803	3.70	696	34	15,330	3.86	591	11-72	34	724	-.01	25	50
14-14-0075	6880328	1483416	6-67	4	304	19,550	3.50	685	34	15,060	3.82	575	2-73	34	863	-.03	26	57
14-14-0075	6984176	1483416	10-67	3	302	19,777	3.75	741	30	15,240	3.74	570	1-73	32	835	.02	33	62
14-14-0075	7159345	1483416	7-68	3	303	18,510	3.77	698	31	15,143	3.78	573	11-72	32	674	.02	27	50
14-14-0081	6235125	1273756	10-64	7	297	17,299	4.11	711	30	14,703	3.86	567	11-72	44	623	.07	33	53
14-14-0102	6290872	1393031	11-64	6	305	23,470	3.63	851	37	18,220	3.81	695	12-72	44	1,007	-.08	23	60
14-14-0102	6290879	1366152	10-64	5	305	22,576	4.19	946	33	17,876	3.82	682	4-72	44	782	.10	44	69
14-14-0102	6529538	1366152	3-66	5	305	23,868	3.83	913	36	18,276	3.82	698	11-72	44	909	.03	38	69
14-14-0102	7374522	010275932	5-69	2	305	23,075	4.16	993	41	19,145	3.75	717	12-72	40	686	.09	39	61
14-14-0102	7513423	1399824	11-69	2	287	22,290	3.79	844	44	19,330	3.75	724	12-72	40	711	.04	31	55
14-14-0128	6343089	1273756	6-65	6	303	22,747	3.30	751	41	15,783	3.55	560	8-72	44	1,215	-.03	39	82
14-14-0128	6576365	1273756	3-65	5	305	21,920	3.19	699	45	16,412	3.53	579	3-72	44	1,043	-.04	31	68
14-14-0128	6576370	1308429	9-65	6	302	25,040	3.04	762	58	16,516	3.50	578	10-72	44	1,261	-.13	24	71
14-14-0128	6620199	1347940	9-66	5	298	21,536	3.40	732	59	16,608	3.46	574	12-72	44	1,123	-.02	38	78
14-14-0128	6822045	1347940	12-66	4	299	20,692	3.50	725	52	17,000	3.44	584	2-73	44	956	.00	35	68
14-14-0128	6929662	1384506	9-67	4	305	24,230	3.18	770	59	17,285	3.44	594	1-73	42	986	-.06	26	62
14-14-0128	7121262	1347940	7-68	2	305	21,800	3.86	841	53	17,025	3.45	588	8-72	40	1,001	.05	44	78
14-14-0128	7377299	1507869	3-69	2	305	24,285	3.45	838	60	16,955	3.37	572	11-72	39	958	-.05	27	62
14-14-0128	7665426	010275932	7-70	1	305	23,380	3.68	860	70	16,610	3.35	557	9-72	36	655	.04	30	52
14-14-0172	7035939	1413165	6-67	3	251	21,737	3.05	664	20	16,370	3.35	549	2-73	42	964	-.14	13	50
14-14-0174	7207551	1393031	10-68	3	298	22,663	3.66	830	10	17,146	3.66	628	11-72	42	939	-.06	24	58
14-14-0185	6832488	1273756	1-67	4	305	18,005	4.02	724	33	15,843	3.81	604	11-72	44	588	.06	31	50
14-14-0185	7519094	1312008	8-69	2	305	22,670	3.17	718	24	14,955	3.68	550	8-72	40	878	-.02	28	59
14-14-0186	6878773	1347940	8-67	3	284	17,820	3.29	586	47	14,873	3.70	551	6-72	42	797	-.05	21	50
14-14-0186	6878774	1278644	8-67	3	305	18,660	4.11	766	33	15,117	3.74	565	2-72	42	738	.01	28	53
14-14-0186	6924819	1261857	11-67	4	294	16,803	4.03	678	41	15,013	3.74	562	10-72	44	529	.10	34	50
14-14-0186	7173728	1236789	11-68	2	305	18,940	3.74	708	30	14,105	3.76	530	5-72	40	777	.01	30	57
14-14-0186	7520638	1357797	11-69	1	305	18,290	4.30	787	37	13,830	3.83	529	11-72	38	547	.15	43	58
14-14-0223	6645675	1465754	5-66	5	300	25,288	3.54	896	25	17,916	3.60	645	2-73	37	1,193	-.01	42	84
14-14-0223	6954033	1273756	4-67	3	305	27,127	3.73	1011	29	17,990	3.77	679	3-72	42	1,426	.04	57	106
14-14-0223	7010965	1393031	12-67	3	305	25,443	3.33	848	22	16,760	3.77	632	9-72	42	1,294	-.13	26	74
14-14-0223	7374518	1520832	3-69	3	303	22,800	3.94	899	28	18,186	3.62	658	2-73 H	33	959	.04	41	73
14-14-0223	7513425	1520832	4-69	2	305	23,570	3.55	836	22	18,430	3.58	660	4-73	30	954	-.03	30	64
14-14-0223	7971286	1458744	11-70	1	305	24,440	3.15	771	32	17,410	3.56	619	12-72	36	991	-.06	27	63
14-14-0239	6261775	1231982	1-62	6	305	20,982	3.67	770	7	12,217	3.82	467	9-72	44	1,175	-.01	41	82
14-14-0240	5982720	1273756	10-63	6	304	18,555	3.73	693	15	15,087	3.85	581	4-72	44	746	.02	30	55
14-14-0250	6151052	1273756	10-64	6	304	18,325	3.80	696	23	15,443	3.86	596	12-72	44	679	.03	29	52
14-14-0250	6447302	1273756	9-65	5	303	18,830	3.98	750	17	16,066	3.79	609	5-72	44	680	.06	34	56
14-14-0250	6447305	1273756	11-65	5	305	20,240	3.76	761	24	15,958	3.82	610	11-72	44	873	.03	36	66
14-14-0250	6847553	1389471	8-67	3	305	21,300	3.81	811	29	16,450	3.86	635	11-72	42	744	-.01	25	51
14-14-0257	6583094	1273756	6-66	5	299	18,482	3.70	684	23	15,070	3.68	555	1-73	44	738	.03	31	56
14-14-0257	7174135	1499133	7-68	3	305	17,106	3.62	620	35	15,256	3.64	555	12-72	39	856	-.05	23	54
14-14-0261	6300743	1085978	2-65	6	301	20,963	3.58	750	6	17,553	3.41	598	5-72	44	767	.02	30	56
14-14-0261	7899311	1508685	12-69	1	305	24,770	3.30	817	5	18,480	2.99	553	10-72	35	813	-.04	23	52
14-14-0282	6489334	1289545	11-65	4	302	19,165	4.26	817	21	15,302	4.02	615	11-71	37	898	.04	39	69
14-14-0282	6713891	1458744	8-66	4	301	20,510	3.78	775	43	15,525	3.83	594	6-72	44	1,015	.00	36	71
14-14-0282	7704005	1458744	6-70	1	288	19,730	3.64	718	22	15,470	3.92	606	10-72	36	755	-.03	23	50
14-14-0282	7742784	1458744	8-70	1	305	21,440	3.97	851	22	15,470	3.92	606	10-72	36	883	.01	33	64
14-14-0310	6636238	1273756	10-66	3	305	19,663	3.18	626	19	13,503	3.53	476	11-72	42	980	-.03	31	66
14-14-0313	6627629	1273756	12-64	5	301	18,588	3.60	669	16	14,198	3.80	539	10-72	44	842	.00	31	60
14-14-0313	6803075	1273756	12-65	5	305	18,630	3.24	604	15	14,322	3.80	544	8-72	44	834	-.05	22	52
14-15-0123	6464363	1424134	7-65	5	303	22,548	3.57	805	27	17,434	3.36	585	12-72	35	949	.02	38	70
14-15-0123	6464366	1424134	11-65	5	297	21,614	3.63	784	28	17,426	3.43	597	9-72	35	809	.03	33	61
14-15-0123	7131189	1491627	5-68	3	302	22,227	3.27	727	35	17,280	3.39	586	10-72	32	785	-.05	21	50
14-15-0123	7131195	1427381	9-68	3	305	20,573	3.33	685	31	16,440	3.35	550	1-73	42	1,162	.02	45	85
14-15-0123	7131196	1427381	9-68	2	303	20,040	3.16	634	32	17,480	3.45	603	3-72	40	985	.00	35	69
14-15-0123	7227031	1427381	9-68	3	296	23,050	3.23	745	30	16,420	3.33	547	2-73	42	1,449	.00	52	103
14-15-0123	7227033	1427381	11-68	3	295	20,123	3.18	639	30	16,900	3.34	565	1-73	42	1,068	.00	38	75
14-15-0123	7227034	1427381	12-68	3	302	20,170	3.33	672	31	17,100	3.35	573	2-73	42	1,055	.02	41	77
14-15-0123	7470602	1427381	6-69	2	304	21,255	3.53	750	26	16,770	3.33	559	11-72	40	1,166	.05	50	89
14-15-0123	7470604	1427381	8-69	2	305	21,095	2.78	586	27	16,700	3.29	550	12-72	40	1,156	-.05	34	75
14-15-0123	7470605	1427381	9-69	1	305	19,480	3.64	709	31	16,660	3.13	522	10-72	36	951	.08	46	77
14-15-0123	7470606	1427381	9-69	1	305	18,150	3.80	690	35	16,280	3.57	582	1-72	36	874	.06	41	70
14-15-0123	7470608	1427381	11-69	2	305	23,610	3.07	724	25	16,340	3.32	543	3-73	40	1,440	-.02	49	100
14-15-0123	7470610	1427381	12-69	1	305	19,330	3.38	654	31	16,370	3.15	516	8-72	36	957	.05	42	74
14-15-0123	7470616	1417208	10-69	1	305	22,110	3.86	853	27	17,030	3.24	552	5-72	36	767	.05	36	61
14-15-0123	7521652	1427381	6-69	2	259	22,275	3.48	775	31	16,315	3.32	542	12-72 H	40	1,307	.04	54	98
14-15-0123	7521653	1427381	2-70	1	305	26,560	2.90	771	27	16,350	3.08	503	12-72	36	1,497	-.02	51	104
14-15-0123	7705766	1427381	5-70	1	305	25,470	2.53	645	31	16,370	3.15	516	8-72	36	1,414	-.06	41	92
14-15-0123	7705767	1427381	5-70	1	305	20,750	3.35	695	30	16,460	3.17	521	7-72	36	1,057	.04	45	81

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
14-15-0123	7705770	1427381	9-70	1	305	21,160	2.55	539	26	16,870	3.10	523	11-72		36	1,063	-.03	33	$ 71
14-15-0123	7707128	1427381	11-70	1	305	18,090	3.48	630	33	16,320	3.12	509	9-72		36	867	.06	41	70
14-15-0123	7742360	1427381	4-70	1	305	17,910	3.34	599	31	16,370	3.15	516	8-72		36	851	.05	38	66
14-15-0133	7330664	1348259	2-69	2	300	20,410	3.74	763	24	15,825	3.44	544	8-72		40	747	.04	33	58
14-15-0136	5904367	010274514	10-63	5	305	22,260	3.19	710	25	15,046	3.66	550	4-72		42	1,014	-.11	19	57
14-15-0136	7376501	010260599	6-69	2	300	24,555	2.27	557	61	13,670	3.61	493	9-72		40	1,282	-.25	6	57
14-15-0136	7950575	010284451	7-69	2	305	22,440	2.79	627	60	13,640	3.39	463	12-72		30	1,213	-.14	22	68
14-15-0201	5865528	1189870	12-61	5	305	23,842	3.66	872	34	16,796	3.62	608	10-72		44	1,120	.02	44	82
14-15-0201	7197815	1475392	8-68	2	305	20,625	3.62	746	33	16,310	3.68	601	9-72		30	682	.01	26	50
14-15-0201	7597732	1542872	12-69	1	305	24,890	3.17	789	35	16,370	3.67	600	9-72		19	843	-.07	20	51
14-15-0203	5799635	1280615	5-63	7	304	20,423	3.55	725	40	15,100	3.66	553	6-72		44	737	-.01	28	53
14-15-0203	6144686	1273756	5-64	4	305	20,445	3.82	780	28	15,753	3.62	570	1-72		44	898	.06	41	71
14-15-0203	6315650	1231982	3-65	6	302	21,482	3.57	766	34	16,768	3.55	596	12-72		44	770	.00	27	54
14-15-0203	6977393	1273756	6-67	4	305	20,358	3.58	728	21	16,725	3.38	566	12-72		44	791	.04	35	62
14-15-0203	7483417	1404931	11-69	1	305	21,280	3.67	780	31	14,730	3.33	491	5-72		36	796	-.04	23	52
14-16-0002	6223580	1273756	11-64	5	305	17,820	3.96	705	6	15,108	4.04	611	7-72		44	649	.03	28	50
14-16-0002	6235240	1273756	10-64	5	303	18,402	3.86	710	17	15,934	3.72	593	3-72		44	639	.05	31	52
14-16-0002	6484741	1273756	11-65	5	299	18,078	4.05	732	7	15,462	3.84	594	6-72		44	645	.06	33	54
14-16-0002	6723058	1273756	1-67	4	305	18,730	3.59	672	9	15,043	3.88	584	6-72		44	756	.00	27	53
14-16-0002	6787687	1273756	12-66	3	298	18,273	4.13	754	6	15,630	3.88	606	1-72		42	624	.08	34	54
14-16-0021	5596708	1377802	4-62	7	305	16,806	3.53	593	28	13,841	3.69	511	12-72		39	739	.00	26	52
14-16-0021	6327590	1273756	3-65	5	298	17,360	3.47	602	32	13,470	3.65	492	8-72		44	758	.00	27	53
14-16-0021	7502045	1427381	10-69	2	283	20,475	3.57	731	54	15,600	3.63	567	9-72		40	1,182	-.03	47	87
14-16-0130	6613953	1273756	8-66	4	305	19,300	4.03	777	22	16,598	3.70	614	3-72		44	673	.08	37	58
14-16-0130	7255176	1377691	7-68	3	297	22,800	3.59	818	15	14,970	3.75	561	11-72		42	1,110	-.02	36	75
14-16-0130	7278434	1347940	10-68	2	305	20,745	4.04	838	14	16,075	3.78	607	3-72		40	971	.05	42	75
14-17-0028	6830534	1273756	7-66	4	242	20,253	3.95	801	41	16,940	3.92	664	4-72	B	44	757	.05	35	60
14-17-0028	7159354	1375967	8-68	2	222	24,910	3.72	927	40	18,825	3.91	736	2-72	B	40	899	-.07	22	55
14-18-0117	7614049	1427381	1-70	1	305	18,680	3.34	624	20	12,540	3.61	453	3-72		36	1,137	.02	44	83
14-18-0251	6620097	1320310	10-66	5	236	15,962	3.84	613	31	14,424	3.63	524	1-73	B	44	704	.00	25	50
14-18-0251	7191901	1427615	11-68	1	159	20,920	3.37	705	22	13,340	3.61	482	10-72	B	36	1,013	-.12	18	56
14-18-0251	7415605	1415405	8-69	2	247	20,230	3.27	662	38	12,910	3.61	466	9-72	B	40	867	-.07	21	53
14-18-0251	7476599	1450228	1-70	1	305	22,990	3.77	867	41	14,830	3.57	529	3-72		36	1,116	.00	40	79
14-18-0251	7527364	1516360	4-69	2	302	23,650	3.15	744	41	14,230	3.47	494	4-72		38	1,485	-.06	44	97
14-19-0015	6014439	1230591	2-64	5	305	23,884	3.79	906	12	20,510	3.75	770	3-72		36	711	.02	28	52
14-19-0015	6740779	1375967	12-66	4	305	28,875	3.65	1053	10	19,705	3.81	751	7-72		44	1,443	-.07	41	93
14-19-0015	6991622	1375967	3-68	3	305	24,026	3.45	828	6	18,403	3.79	697	8-72		42	923	-.10	17	52
14-19-0041	6797004	1273756	6-67	4	302	18,875	3.84	725	20	15,423	3.45	532	10-72		44	736	.08	38	62
14-19-0177	7036939	1404931	11-67	1	305	23,160	3.42	792	12	13,820	3.44	476	5-72		36	991	-.07	25	61
14-20-0002	6747444	1375967	11-66	4	299	23,220	3.55	825	15	17,332	3.83	663	3-72		44	979	-.09	21	57
14-20-0002	7665708	1464901	11-69	1	305	23,690	2.74	650	16	17,760	3.64	647	3-72		34	1,055	-.13	18	58
15-11-0111	5750940	1199324	12-62	5	288	18,550	3.60	667	22	15,422	3.62	559	5-72		44	846	-.01	29	59
15-11-0128	6480989	1460628	4-65	5	305	20,356	3.57	726	7	14,552	3.58	521	7-72		32	918	.00	33	65
15-11-0128	7275942	1516360	12-68	3	298	19,953	3.62	722	9	15,706	3.50	550	4-73		40	1,014	.02	39	74
15-11-0158	5202934	1189870	12-60	10	304	18,860	3.70	698	11	15,148	3.58	543	8-72		44	648	.03	28	50
15-13-0121	6038041	1408640	3-64	6	305	22,657	3.82	865	10	15,710	3.68	578	10-72		44	1,106	.04	46	84
15-14-0002	7721026	1458744	8-70	1	305	19,720	3.77	743	25	15,620	3.50	547	10-72		36	746	.01	29	55
15-14-0116	6586888	1273756	9-65	5	305	20,560	3.53	725	20	15,108	3.53	533	8-72		44	1,002	.02	39	73
15-14-0116	7085085	1273756	11-66	4	305	20,098	3.58	720	19	15,450	3.51	542	9-72		44	885	.03	37	67
15-14-0143	4696461	1254887	9-58	11	278	20,089	4.41	885	14	16,389	3.86	632	9-72		44	572	.11	37	54
15-14-0143	5382837	1322362	2-61	7	300	20,071	3.56	714	20	15,844	3.74	593	1-72		38	748	.01	28	54
15-14-0143	5684599	1237057	9-62	7	294	19,670	4.69	922	11	16,432	3.99	656	9-72		44	647	.10	39	59
15-14-0151	7612976	1525180	1-70	1	305	25,070	2.95	739	6	15,620	3.54	553	5-72		19	917	-.09	19	53
16-02-0003	7476905	1427381	10-69	2	305	24,570	3.08	757	17	18,575	3.46	643	1-73		40	1,356	-.03	44	92
16-02-0003	7728999	1427381	3-70	1	305	19,930	3.54	705	10	17,890	3.28	586	8-72		36	911	.06	42	72
16-02-0020	7142754	1427381	9-68	3	236	17,550	4.07	715	21	15,456	3.73	576	10-72	B	42	905	.09	46	75
16-02-0218	5219553	1189870	11-60	8	260	19,796	3.98	787	17	17,014	3.57	608	11-72		44	576	.08	33	51
16-02-0218	5666232	1189870	11-61	7	297	21,196	3.36	712	16	16,107	3.55	572	6-72		44	850	-.02	27	57
16-02-0218	5840281	1189870	3-63	7	301	21,747	3.67	799	19	16,803	3.55	596	6-72		44	849	.03	35	64
16-02-0218	6090056	010260599	8-63	5	303	19,874	4.23	841	29	16,174	3.60	583	9-72		44	701	.06	35	58
16-02-0218	6753553	1458744	10-66	3	290	21,266	3.42	728	13	18,903	3.51	663	10-71	B	42	757	-.02	24	51
16-04-0002	5224198	1273756	3-60	9	305	22,930	3.73	856	63	16,303	3.69	601	4-72		44	1,185	.04	49	89
16-04-0002	7244839	1499133	7-68	2	305	20,350	3.14	639	85	15,565	3.59	559	5-72		37	1,168	-.11	25	68
16-04-0002	7326929	1499133	11-68	2	305	17,875	3.71	664	95	14,620	3.59	525	11-72		37	985	-.03	30	65
16-04-0002	7350609	1516360	11-68	1	305	17,930	3.32	596	91	13,760	3.64	501	10-71		33	846	-.03	26	56
16-04-0013	5958060	1273756	11-63	8	302	19,250	3.62	697	39	15,135	3.67	556	1-73		44	830	.02	33	61
16-04-0013	6814551	1357743	1-67	4	301	22,525	3.37	759	45	17,165	3.55	609	4-72		44	818	-.06	20	50
16-04-0013	7694016	1458744	7-70	1	305	20,880	3.86	805	66	14,530	3.58	520	8-72		36	897	.02	35	66
16-04-0015	6799802	1279964	10-66	4	302	20,955	3.47	728	46	17,390	3.71	645	3-72		36	769	-.01	26	53
16-04-0015	6823804	1279964	2-67	4	305	20,755	3.74	776	47	17,863	3.75	670	6-72		36	688	.03	30	53
16-04-0015	6955163	1476759	8-67	4	305	20,243	4.48	907	62	17,730	3.70	656	9-72		36	784	.16	53	76
16-04-0015	6955164	1476759	8-67	4	305	22,793	3.81	869	57	17,808	3.68	655	11-72		36	1,132	.04	47	85
16-04-0015	6955165	1476759	8-67	4	305	22,275	3.53	787	52	17,613	3.74	658	7-72		36	1,081	-.02	36	74
16-04-0015	6955170	1476759	9-67	4	301	20,093	3.48	699	60	17,405	3.71	646	8-72		36	799	-.02	25	53
16-04-0015	6970024	1476759	11-67	4	305	22,748	3.47	789	49	17,773	3.68	654	2-73		36	1,130	-.03	36	76
16-04-0015	6970025	1476759	11-67	4	305	26,123	3.28	858	36	17,763	3.73	662	4-73		36	1,603	-.08	45	103
16-04-0015	6970028	1279964	12-67	3	305	20,427	4.06	830	53	17,950	3.75	674	7-72		34	608	.09	36	55
16-04-0015	7070137	1476759	4-68	3	305	19,760	3.99	788	47	17,210	3.78	650	6-72		34	754	.06	36	61
16-04-0015	7363782	1519338	3-69	2	305	22,275	3.77	840	38	17,380	3.83	665	4-72		30	744	.07	38	62
16-04-0015	7448924	1476759	5-69	2	305	20,760	4.06	842	52	17,375	3.84	667	5-72		32	819	.06	38	65
16-04-0015	7482915	1519338	8-69	2	305	21,945	3.74	820	58	18,050	3.73	674	11-72		30	643	.08	35	56
16-04-0015	7482926	1427381	9-69	2	305	24,165	3.39	820	40	18,650	3.66	682	4-73		40	1,309	.00	47	93
16-04-0015	7482927	1427381	9-69	1	305	24,500	3.76	920	63	18,780	3.72	699	10-71		36	1,198	.05	51	91
16-04-0015	7586804	1466747	12-69	2	305	24,555	3.56	874	70	18,375	3.75	689	11-72		40	843	-.02	27	57
16-04-0015	7660745	1458744	6-70	1	305	21,160	3.89	824	79	18,140	3.78	685	9-72		36	703	.01	27	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
16-04-0023	6543081	1273756	9-65	6	298	16,633	3.67	610	39	12,952	3.74	484	9-72		44	718	.02	29	$ 54
16-04-0060	7404706	1427381	10-69	2	304	17,430	3.63	633	16	13,990	3.62	506	12-72		40	1,004	.04	42	76
16-04-0133	6306362	1443266	3-65	5	285	21,236	3.31	702	24	16,066	3.78	607	3-72		38	905	-.11	16	50
16-04-0211	6496835	1319421	9-65	4	298	19,810	3.12	619	44	13,273	3.60	478	9-72		37	1,023	-.09	23	61
16-04-0212	6726634	1434589	10-66	4	299	22,920	3.85	882	28	18,893	3.81	720	5-72		35	796	.04	35	62
16-04-0212	6726664	1239242	6-66	4	305	23,740	3.42	813	37	19,198	3.71	712	2-72		44	816	-.05	21	51
16-04-0212	6953476	1432733	5-67	2	305	24,120	4.12	994	29	19,105	3.77	721	7-72		40	900	.06	42	72
16-04-0212	6953480	1432733	9-67	2	305	22,295	4.09	911	31	19,595	3.67	720	7-72		40	675	.06	33	55
16-04-0212	6953481	1432733	10-67	3	305	24,960	3.14	783	41	19,253	3.73	718	10-72		42	1,053	-.10	22	61
16-04-0212	6996226	1432733	11-67	3	305	21,566	4.07	878	26	17,933	3.80	681	3-73		42	784	.05	36	62
16-04-0212	7208155	1432733	7-68	2	305	23,170	3.85	893	20	19,685	3.75	739	4-72		40	756	.02	30	56
16-04-0212	7247550	1505968	9-68	2	305	25,310	3.41	863	27	20,100	3.72	748	4-72		30	1,091	-.07	28	68
16-04-0212	7247551	1505968	9-68	2	305	23,180	3.61	837	26	19,095	3.78	721	2-73		30	933	-.04	28	61
16-04-0212	7718874	1404202	4-69	1	305	25,860	3.48	899	33	18,920	3.81	721	9-71		36	926	-.09	19	54
16-04-0212	7718875	1530200	7-69	2	304	25,540	3.84	980	25	19,105	3.73	712	12-72		25	928	.04	39	70
16-04-0212	7732570	1432733	11-69	1	305	24,640	3.75	923	28	18,990	3.78	717	6-72		36	805	.00	29	57
16-04-0222	5909405	1404822	11-63	6	299	23,033	4.11	947	20	17,288	3.75	648	12-72		37	1,098	.11	56	92
16-04-0222	7612325	1458744	7-70	1	305	25,000	3.40	850	16	19,440	3.89	756	11-72		36	911	-.06	24	57
16-04-0224	6764731	1273756	4-66	5	305	20,104	3.85	774	38	18,598	3.50	651	1-73		44	583	.08	33	51
16-04-0224	6810823	1273756	7-66	4	305	22,313	3.53	787	36	18,345	3.59	658	1-72		44	872	.02	34	64
16-04-0224	6990110	1348259	10-67	3	305	21,987	3.99	877	33	18,787	3.51	659	6-72		42	712	.08	38	61
16-04-0224	7514443	1536450	12-69	1	305	22,150	3.30	732	28	16,980	3.39	575	9-72		33	947	-.03	29	63
16-04-0224	7555960	1340259	7-69	2	305	23,070	2.85	658	22	17,410	3.39	590	4-73		40	888	-.08	19	52
16-04-0230	7653405	1348259	1-69	2	305	20,755	3.64	755	34	15,510	3.77	585	9-72		40	807	.00	29	57
16-04-0230	7653407	1348259	1-69	1	305	22,610	3.40	769	13	15,650	3.44	539	2-72		36	807	-.01	28	56
16-04-0235	6496842	1309574	1-66	5	302	19,480	3.65	711	57	14,844	3.71	550	12-72		44	797	.03	34	61
16-04-0235	7801560	1476759	5-70	1	305	16,830	3.76	632	67	13,160	3.62	477	8-72		26	686	.02	28	51
16-04-0235	7801562	1476759	6-70	1	305	20,700	3.07	635	67	13,160	3.62	477	8-72		26	1,021	-.05	29	66
16-04-0250	6720820	1237057	2-66	5	289	23,024	3.15	725	9	16,098	3.62	583	12-72		44	1,114	-.12	21	63
16-04-0250	7247549	1505968	4-68	3	305	20,493	3.53	724	19	16,710	3.80	635	9-72		33	887	-.05	24	56
16-04-0314	6680491	1464513	12-66	5	298	18,438	3.58	660	29	14,810	3.62	536	2-73		34	760	-.02	25	52
16-04-0314	6767489	1273756	2-67	4	305	18,895	3.41	645	22	15,443	3.56	550	4-73		44	737	.00	27	53
16-04-0403	5986117	1268294	12-63	5	299	20,208	4.31	870	20	17,814	3.51	626	8-72		44	548	.10	35	52
16-04-0404	6992101	1273756	4-66	5	302	18,348	3.38	621	7	14,488	3.71	537	7-72		44	781	-.02	25	53
16-04-0411	7307534	1252934	11-68	2	305	26,255	3.15	827	45	18,110	3.55	642	9-72		40	1,029	-.06	28	65
16-04-0411	7523767	1427381	7-69	1	305	21,300	3.38	720	61	17,020	3.61	615	9-71		36	1,065	.02	41	78
16-04-0411	7723136	1417208	8-70	1	305	23,160	3.39	786	65	18,330	3.46	635	10-72		36	767	-.01	26	53
16-04-0411	7723137	1427381	8-70	1	305	25,940	3.48	903	65	18,270	3.45	631	10-72		36	1,336	.04	54	100
16-04-0411	7723141	1419528	9-70	1	305	27,180	3.35	911	57	18,450	3.50	646	11-72		36	960	.00	35	68
16-04-0411	7763485	1312008	11-70	1	305	26,310	3.75	987	44	19,220	3.45	664	12-72		36	690	.08	37	59
16-06-0001	6635780	1273756	10-66	4	247	18,230	4.09	746	44	14,940	4.04	604	3-73		44	704	.06	34	57
16-06-0020	5934012	1199324	5-63	7	302	15,893	3.56	566	14	12,431	3.60	448	7-72		44	812	-.01	27	56
16-06-0048	6724101	1273756	2-66	3	305	20,583	3.59	738	60	16,743	3.62	606	8-72		42	788	.02	32	59
16-06-0048	6735739	1347940	11-66	4	305	20,697	3.54	733	41	17,307	3.71	642	5-72		44	927	-.02	30	63
16-06-0096	5961352	1273756	10-63	7	300	17,947	3.38	607	15	13,781	3.61	497	2-73		44	802	-.01	27	55
16-06-0125	7901781	1404931	12-69	2	305	24,815	3.20	795	30	15,515	3.67	569	1-73		40	1,250	-.12	26	73
16-06-0128	6500802	1273756	9-65	5	305	19,396	3.64	706	54	16,370	3.48	570	11-72		44	722	.05	33	57
16-06-0128	6750055	1273756	10-66	4	304	24,590	3.29	809	38	17,700	3.54	626	3-72		44	1,217	-.03	39	82
16-06-0128	6996449	1285709	10-67	3	305	22,410	3.40	763	47	16,787	3.60	604	7-72		42	814	-.05	21	51
16-06-0128	6996461	1278644	10-67	3	295	21,660	3.32	720	55	17,623	3.49	615	1-72		42	853	-.08	19	51
16-06-0128	7272236	1404202	8-68	2	305	25,440	3.24	824	60	18,875	3.49	658	1-72		40	1,076	-.10	23	63
16-06-0130	5201261	1290716	8-60	8	304	19,766	3.66	723	68	15,296	3.63	556	1-72		44	586	.08	34	52
16-06-0137	6039718	1386231	1-64	5	305	23,520	4.21	990	21	18,082	3.65	660	8-72		39	636	.17	49	67
16-06-0137	6686198	1458744	7-66	3	305	25,236	3.97	1001	35	17,543	3.56	624	2-72		42	1,338	.07	59	104
16-06-0137	6841988	010260599	5-67	2	286	23,665	4.04	955	26	18,180	3.31	602	3-73	H	40	826	.05	37	65
16-06-0137	7166243	1429521	4-68	3	305	26,890	3.21	864	24	17,547	3.52	617	2-73		32	1,281	-.08	34	81
16-06-0137	7285411	1508475	8-68	3	305	25,990	2.99	778	20	17,710	3.61	639	2-73		32	1,430	-.15	28	82
16-06-0137	7285412	1508475	8-68	2	305	23,565	3.21	756	23	18,260	3.68	672	2-72		29	959	-.09	20	56
16-06-0137	7285413	1508475	9-68	2	305	22,440	3.38	758	19	16,395	3.68	603	9-72		29	1,003	-.06	27	63
16-06-0137	7285414	1508475	9-68	2	305	23,240	3.30	767	19	16,585	3.67	609	8-72		29	1,080	-.08	27	67
16-06-0137	7285419	1508475	10-68	2	305	18,955	4.51	854	15	16,605	3.56	591	5-72		29	567	.12	39	56
16-06-0159	7274131	1458744	11-68	3	305	18,603	3.97	739	35	15,900	3.33	529	2-73		42	727	.07	37	61
16-06-0159	7501007	1455965	10-69	2	305	23,745	3.39	805	45	15,890	3.24	515	1-73		40	828	-.01	28	57
16-06-0159	7569542	1404202	5-70	1	305	19,580	3.88	759	42	14,540	3.16	459	8-72		36	719	-.01	25	50
16-06-0159	7681873	1520034	7-70	1	305	29,890	2.30	686	44	15,350	3.16	485	11-72		34	1,472	-.20	20	77
16-06-0162	7484040	1372874	1-70	2	305	21,555	3.34	721	21	15,280	3.53	539	3-73		40	862	-.08	19	51
16-06-0162	7725434	1375967	8-70	1	305	23,400	3.71	867	13	15,080	3.67	553	11-72		36	835	-.06	21	52
16-06-0201	6423842	1273756	8-65	5	304	20,354	3.55	722	12	15,574	3.75	584	8-72		44	928	.00	33	65
16-06-0204	6582535	1273756	8-64	6	304	17,772	3.75	667	19	15,193	3.66	556	9-72		44	634	.04	29	50
16-06-0225	6452236	1221835	1-66	5	302	23,786	3.87	921	13	18,478	3.69	682	2-73		44	1,007	.03	41	75
16-06-0244	6931736	1475392	6-67	4	299	22,317	2.83	631	6	14,347	3.37	484	9-72		35	1,256	-.12	26	73
16-06-0244	7855768	1539607	7-69	2	305	22,185	3.89	862	6	15,610	3.65	570	12-72		25	857	.05	38	67
16-06-0247	6142685	1271075	9-64	5	305	20,862	3.33	694	35	16,984	3.59	610	6-72		44	948	-.05	27	61
16-06-0247	6163111	1402163	7-64	6	304	23,103	3.29	759	36	18,055	3.69	667	4-72		39	910	-.09	18	52
16-06-0247	6840438	1273756	2-67	3	286	18,513	3.60	667	52	14,630	3.79	555	10-72		42	744	.01	28	54
16-06-0247	7591784	1510113	1-70	1	305	26,250	3.12	819	38	17,210	3.43	591	6-72		19	908	-.06	23	56
16-06-0249	7260128	1348259	11-67	3	287	20,177	3.73	752	12	16,923	3.49	590	6-72		42	675	.04	30	53
16-06-0269	6353903	1329588	9-64	6	298	21,408	3.61	772	37	17,583	3.69	649	4-72	B	44	755	-.02	24	51
16-06-0269	6583695	1479547	9-65	4	280	21,092	3.59	758	41	17,567	3.64	640	5-72	B	37	783	.00	28	55
16-06-0269	7092102	1458744	12-67	3	299	20,866	3.86	806	49	18,676	3.65	681	1-72		42	731	.03	31	56
16-06-0312	7334040	1348259	4-69	2	305	21,085	3.38	713	28	16,010	3.54	567	9-72		40	800	-.02	26	54
16-06-0319	7580887	1404202	8-69	2	295	22,860	2.91	665	30	15,395	3.55	547	9-72		40	1,097	-.15	16	58
16-06-0340	6831210	1273756	11-66	4	301	19,473	3.05	594	8	14,233	3.44	490	11-72		44	928	-.05	26	60
16-06-0340	7745560	1536450	6-70	1	300	19,260	3.12	600	16	14,760	3.31	488	8-72	H	33	859	-.04	24	55
16-06-0364	7599100	1377691	11-68	2	293	23,400	2.79	652	12	16,965	3.26	553	1-72		40	910	-.11	16	50

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
16-06-0364	7921488	1427381	3-70	1	305	21,970	3.31	728	13	17,910	3.20	574	7-72		36	1,062	.04	44	$ 80
16-06-0369	6759373	1273756	11-66	4	242	19,933	3.19	636	16	16,008	3.50	560	3-72	B	44	809	-.03	25	54
16-06-0394	7906736	1404202	10-70	1	142	22,250	3.23	719	5	13,580	3.66	497	2-73	B	36	975	-.10	19	56
16-06-0396	6781500	1273756	6-66	4	305	21,710	3.37	731	17	18,390	3.47	639	12-72		44	793	.00	29	57
16-06-0396	6781501	1273756	12-66	3	301	21,970	2.97	652	11	16,530	3.61	597	7-72		42	967	-.08	23	59
16-06-0396	7044586	1273756	10-66	4	305	22,615	2.98	675	13	18,518	3.43	635	4-73		44	893	-.07	22	55
16-06-0412	7416814	1404202	6-69	2	208	21,780	3.18	692	22	16,275	3.46	563	12-72		40	916	-.10	17	51
16-10-0014	6489448	1273756	7-65	5	303	18,066	4.12	745	39	15,386	3.76	579	4-72		44	652	.09	37	58
16-10-0014	6814062	1273756	1-67	4	303	19,033	3.85	732	63	15,455	3.68	568	9-72		44	753	.06	36	61
16-10-0014	7120452	1236789	8-68	3	305	22,760	3.51	799	58	15,766	3.62	571	6-72		42	1,126	-.02	38	78
16-10-0014	7120454	1236789	8-68	3	305	21,203	3.64	772	27	15,966	3.68	588	3-73		42	926	.00	34	66
16-10-0014	7358465	1404202	6-69	2	305	22,275	3.34	744	57	16,620	3.50	581	11-72		40	938	-.08	21	56
16-10-0014	7751389	1447414	12-70	1	305	19,610	3.00	588	53	16,680	3.39	566	12-72		36	856	-.07	20	52
16-10-0017	6674317	1273756	9-66	3	305	22,073	3.46	764	33	16,483	3.67	605	8-72		42	983	.00	35	69
16-10-0017	7417279	1404202	9-69	1	305	24,580	3.23	795	23	15,580	3.36	524	3-73		36	1,030	-.08	24	62
16-10-0029	6474196	1268297	10-65	5	301	19,738	3.63	716	33	15,210	3.76	572	4-72		44	781	.04	34	60
16-10-0029	6774010	1268297	1-67	4	305	19,978	3.73	746	57	15,648	3.71	580	9-72		43	742	.06	36	60
16-10-0029	7126857	1507762	9-68	3	305	23,543	3.49	822	65	16,573	3.67	609	11-72		32	1,165	-.06	33	75
16-10-0029	7588931	1447414	6-70	1	305	17,570	3.69	648	68	15,280	3.52	538	8-72		36	787	-.01	26	54
16-10-0032	6911434	1389915	7-67	3	305	23,627	3.53	834	25	17,040	3.77	643	7-72		41	1,230	-.07	33	78
16-10-0032	6911435	1389915	9-67	4	300	21,323	3.36	716	34	17,530	3.70	649	4-73		42	939	-.09	20	55
16-10-0032	7204325	1259069	9-68	3	305	23,510	3.30	777	35	17,460	3.72	650	2-73		42	886	-.08	19	52
16-10-0032	7403831	1527004	8-69	2	305	22,425	3.78	848	27	17,055	3.69	630	2-73		25	741	.03	31	56
16-10-0048	6721390	1273756	1-67	4	296	22,088	3.40	750	23	16,403	3.58	587	9-72		44	1,036	-.01	36	72
16-10-0053	6719035	1273756	11-66	4	305	21,765	4.04	879	11	16,560	3.74	620	7-72		44	981	.09	49	81
16-10-0053	7219218	1499133	7-68	3	305	24,146	3.29	794	7	17,256	3.77	651	3-73		39	1,514	-.12	35	91
16-10-0119	6891258	1278644	9-67	2	305	23,885	2.92	698	25	17,340	3.65	633	3-73		40	1,050	-.15	14	54
16-10-0120	6639126	1273756	1-66	4	305	20,510	3.83	785	50	16,673	3.71	619	8-72		44	815	.05	37	64
16-10-0120	6806140	1273756	1-67	3	305	21,280	3.77	803	52	17,030	3.69	628	8-72		42	841	.04	37	63
16-10-0120	6857902	1273756	4-66	4	297	20,380	3.97	809	39	17,188	3.72	639	4-72		44	748	.07	38	62
16-10-0120	7166940	1273756	5-68	2	305	21,675	3.94	853	41	18,085	3.71	671	2-72		40	742	.07	37	61
16-10-0120	7324892	1508685	1-69	2	305	22,775	3.39	772	42	16,980	3.55	602	12-72		40	902	-.07	21	54
16-10-0120	7450959	1512558	7-69	2	305	23,095	2.98	689	52	16,890	3.47	586	1-73		31	934	-.10	18	53
16-10-0120	7593839	1528306	2-70	1	305	21,540	4.07	876	60	15,560	3.52	547	7-72		19	586	.07	32	51
16-10-0123	7055532	1273756	10-67	2	305	18,675	4.17	779	9	16,690	3.55	593	4-72		40	551	.11	36	53
16-10-0134	7254843	1518642	2-69	2	305	20,875	3.78	789	14	16,050	3.60	577	9-72		32	611	.07	33	53
16-10-0135	6401188	1273756	8-65	4	305	17,230	4.07	702	5	14,528	3.89	565	5-72		44	622	.06	32	52
16-10-0139	7213361	1290716	8-68	2	305	21,860	3.65	797	14	17,130	3.47	595	4-72		40	522	.11	35	51
16-12-0011	7686843	1509968	3-69	2	305	20,735	3.06	635	16	16,170	3.30	534	12-72		30	920	-.07	22	56
16-12-0020	6241293	1273756	1-64	4	305	22,238	3.02	672	23	17,900	3.58	641	12-72		44	907	-.07	21	54
16-12-0027	6631360	1460590	5-66	5	297	20,920	3.56	744	33	16,028	3.41	547	9-72		32	820	.02	32	60
16-12-0034	5809976	1303502	2-63	8	285	22,500	3.48	783	9	17,073	3.58	611	1-73	B	44	838	-.01	28	58
16-12-0034	7953414	1548555	11-69	2	250	23,670	3.21	760	11	17,340	3.66	634	11-72	B	25	870	-.08	19	51
16-12-0042	6153566	1273756	10-64	4	305	17,860	3.84	685	21	15,183	3.59	545	7-72		44	635	.06	32	53
16-12-0042	6264863	1231982	12-64	6	305	21,102	3.06	646	22	15,343	3.57	548	11-72		44	868	-.09	17	50
16-12-0042	7170883	1404202	11-68	2	305	23,645	3.14	743	12	15,275	3.57	546	2-72		40	1,187	-.12	24	68
16-12-0042	7398405	1347940	8-69	1	305	21,620	3.28	710	28	15,650	3.45	540	5-72		36	958	-.02	31	65
16-12-0042	7398406	1419528	8-69	1	305	19,560	3.85	753	27	15,090	3.44	519	6-72		36	592	.06	31	50
16-12-0042	7411328	1419528	8-69	1	305	23,780	3.12	741	27	15,430	3.44	531	5-72		36	886	-.02	29	60
16-12-0046	7640719	1290716	4-68	3	305	19,847	3.84	763	16	15,913	3.40	541	10-72		42	473	.14	36	51
16-12-0063	6548963	1442117	3-66	5	305	20,038	3.86	773	5	15,744	3.58	564	2-73		43	664	.03	29	51
16-12-0080	6476866	1273756	1-66	6	299	19,413	3.92	761	23	17,782	3.70	658	3-73		44	578	.07	31	50
16-12-0080	6927684	1375967	1-67	4	305	23,305	3.83	892	24	17,925	3.77	675	1-73		44	931	-.04	28	61
16-12-0080	7214484	1377691	11-68	3	297	23,610	3.34	789	35	18,186	3.70	673	11-72		42	908	-.07	22	55
16-12-0080	7313530	1504686	12-68	2	305	24,175	3.72	900	17	18,490	3.59	663	3-72		38	844	.08	42	70
16-12-0080	7448213	1312008	10-69	2	302	22,150	3.82	847	38	17,420	3.69	643	11-72		40	625	.08	34	54
16-12-0080	7732945	1312008	10-70	1	305	24,660	3.65	899	27	17,560	3.72	653	12-72		36	667	.05	32	54
16-12-0083	6338870	1424030	5-65	5	221	22,910	3.33	763	24	16,654	3.51	584	6-72	B	35	1,170	-.05	34	76
16-12-0083	7225734	1330987	12-68	2	224	24,220	3.08	745	23	17,755	3.51	624	2-72	B	40	979	-.03	30	65
16-12-0083	7435840	1458744	10-69	1	257	22,460	3.46	778	25	17,330	3.51	608	10-71	B	36	848	-.02	28	58
16-12-0083	7435844	1427381	10-69	1	204	21,540	3.77	813	28	18,760	3.49	654	11-71	B	36	979	.07	46	78
16-12-0101	7867583	1539210	7-69	2	287	20,815	3.35	698	39	14,660	3.56	522	11-72		25	780	-.03	23	51
16-12-0129	7341865	1427381	2-69	2	301	18,970	3.78	718	19	14,515	3.77	547	4-72		40	1,117	.05	48	86
16-12-0129	7387835	1427381	6-69	2	195	19,010	3.43	652	27	16,070	3.73	599	1-73	B	40	995	.01	37	71
16-12-0129	7387836	1427381	7-69	2	223	18,465	4.07	752	26	15,875	3.70	587	11-72	B	40	956	.09	48	79
16-12-0132	7515332	1458744	3-68	3	304	18,690	3.57	667	20	14,973	3.61	540	8-72		42	822	-.01	28	57
16-12-0134	6661678	1485648	11-66	4	305	18,888	4.10	774	19	16,248	3.66	595	9-72		36	554	.09	33	50
16-12-0134	7460093	1493686	7-69	2	305	20,190	3.49	704	26	16,400	3.55	583	9-72		40	796	.02	31	58
16-12-0134	7612198	1493686	12-69	2	305	19,925	3.26	649	23	16,100	3.53	568	1-73		40	793	-.02	26	54
16-12-0135	7124278	1427381	9-68	2	305	20,350	3.27	665	32	18,165	3.46	629	3-72		40	961	.01	36	69
16-12-0135	7236274	1493686	12-68	2	305	22,715	3.19	724	34	17,705	3.49	618	3-72		40	946	-.03	30	64
16-12-0135	7528818	1450228	2-70	1	305	20,060	3.15	632	41	15,900	3.64	578	1-73		36	834	-.06	20	51
16-12-0135	8011225	1450228	11-70	1	305	18,630	4.08	760	34	15,840	3.61	572	3-73		36	731	.02	30	55
16-12-0155	6623723	1273756	6-65	6	301	20,007	3.28	657	10	16,537	3.40	563	4-73		44	783	-.01	27	54
16-12-0155	7274374	1290716	2-68	3	291	21,323	3.26	696	18	14,233	3.46	493	7-72		42	798	.04	35	62
16-12-0155	7638804	1427381	8-70	1	298	22,500	3.54	796	16	16,850	3.27	551	1-73		36	1,164	.05	50	89
16-12-0168	7125826	1350848	6-68	2	305	19,235	3.34	643	32	13,485	3.32	448	3-72		39	816	-.06	20	50
16-12-0169	7652604	1427381	1-69	2	305	20,540	3.20	657	20	16,060	3.42	549	9-72		40	1,151	.00	41	81
16-12-0170	6181812	1273756	11-64	5	296	18,788	3.98	748	16	16,704	3.72	621	6-72		44	609	.07	33	52
16-12-0170	6857574	1273756	3-67	4	301	20,123	3.80	764	14	17,943	3.66	656	12-72		44	642	.05	31	52
16-12-0191	7080483	1458744	5-68	3	292	17,930	3.61	647	12	14,263	3.58	511	9-72		42	800	.00	28	56
16-14-0003	6749368	1273756	12-66	4	305	19,868	3.67	730	31	17,003	3.65	621	7-72		44	703	.03	30	54
16-14-0014	8564976	1190547	3-62	8	291	20,726	3.56	737	56	17,153	3.52	603	10-72		39	804	-.01	27	55
16-14-0014	5923979	1242163	9-63	3	305	27,367	3.21	878	70	18,510	3.48	645	2-72		42	1,434	-.17	25	79
16-14-0014	6100988	1392003	6-64	5	294	21,246	3.30	702	77	16,254	3.51	571	6-72		36	755	-.03	23	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
16-14-0014	6711657	1436024	8-66	5	304	21,450	3.26	700	86	16,984	3.50	595	10-72		35	810	-.05	21	$ 51
16-14-0014	6916124	1499901	10-67	3	305	23,693	3.11	738	70	18,273	3.49	637	2-72		32	1,104	-.10	24	65
16-14-0014	6916126	1499901	11-67	4	303	22,638	3.30	747	79	17,478	3.50	612	11-72		33	1,093	-.07	29	69
16-14-0014	7159223	1499901	5-68	3	290	24,873	3.14	781	69	18,233	3.49	636	3-72		32	1,270	-.10	30	77
16-14-0014	7182003	1499901	9-68	3	305	20,937	3.43	719	88	16,740	3.54	592	11-72		32	896	-.04	26	58
16-14-0014	7415082	1427381	7-69	2	305	18,360	3.76	691	88	16,420	3.45	567	10-72		40	901	.07	43	73
16-14-0014	7445531	1499901	5-69	2	305	20,085	3.19	640	90	15,610	3.52	550	7-72		29	842	-.07	19	50
16-14-0017	5956097	1273756	6-63	8	304	21,350	3.18	679	22	15,859	3.65	579	4-73		44	1,027	-.06	28	65
16-14-0017	6676338	1273756	9-66	4	298	17,350	4.34	753	25	15,005	3.62	543	6-72		44	589	.13	41	58
16-14-0017	6684456	1273756	9-66	4	285	19,033	3.76	716	27	15,248	3.65	556	4-72		44	773	.05	35	61
16-14-0017	6957344	1389471	1-68	3	305	21,603	3.32	720	20	15,850	3.53	560	3-73		42	843	-.06	21	52
16-14-0017	7186901	1312008	6-68	3	305	19,830	3.91	775	20	15,530	3.52	547	2-73		42	601	.10	37	55
16-14-0020	8027604	1458744	7-68	1	305	20,260	3.35	679	56	15,910	3.48	553	7-72		36	769	-.02	24	51
16-14-0037	6773095	1273756	10-65	3	305	20,343	3.75	763	31	18,000	3.44	620	1-73		42	644	.06	33	54
16-14-0037	8150910	1419528	7-70	1	305	21,970	3.18	699	49	14,910	3.53	527	6-72		36	783	-.01	26	54
16-14-0038	6559139	1458744	6-66	4	257	20,317	3.62	736	14	16,845	3.39	571	2-73		44	861	.02	34	64
16-14-0038	6593094	1475392	2-66	4	304	23,497	3.25	764	30	17,355	3.61	627	6-72		35	1,081	-.06	29	68
16-14-0038	6885004	1473942	6-67	3	305	23,933	3.70	885	28	17,533	3.67	643	11-71		36	1,133	-.02	38	78
16-14-0038	6970272	1377691	2-68	3	305	22,100	3.74	826	29	17,536	3.50	613	9-72		42	794	.02	32	59
16-14-0038	7332950	1427381	6-69	2	305	23,010	3.07	707	24	17,970	3.44	619	11-72		40	1,247	-.02	41	85
16-14-0041	7096782	1499133	7-68	2	305	16,190	3.55	574	33	13,230	3.72	492	12-71		37	924	-.07	23	57
16-14-0046	6913925	1484032	7-67	3	305	24,493	2.82	691	46	17,740	3.61	641	9-72		29	1,051	-.17	11	52
16-14-0046	6913927	1484032	7-67	4	290	21,418	3.81	816	58	16,703	3.62	604	7-72		30	780	.05	35	61
16-14-0046	7332875	1389471	1-69	2	305	22,570	3.73	842	61	17,620	3.55	619	10-72		40	729	.00	26	51
16-14-0046	7782294	1355784	8-70	1	298	23,430	3.18	744	36	18,220	3.47	633	12-72		35	930	-.11	17	52
16-14-0050	6098181	1199324	12-63	5	305	25,226	3.71	936	29	16,568	3.75	622	7-72		44	1,589	.00	57	112
16-14-0060	5484081	1273756	12-61	8	301	19,713	3.65	720	31	14,985	3.61	541	4-72		44	906	.03	37	68
16-14-0060	7325763	1458744	2-69	2	305	17,605	3.57	628	57	13,965	3.67	512	9-72		40	756	-.01	25	52
16-14-0060	7325764	1458744	3-69	1	305	19,740	3.52	694	27	15,780	3.57	564	2-72		36	738	-.02	24	50
16-14-0060	7596598	1458744	12-69	1	305	24,600	3.25	799	45	13,660	3.64	497	7-72		36	1,226	-.05	36	80
16-14-0063	6243335	1239885	8-64	4	303	24,780	3.16	783	23	15,075	3.40	513	8-72		44	1,168	-.04	36	78
16-14-0063	6713896	1464924	8-66	4	301	19,290	3.71	715	45	15,888	3.66	582	2-72		33	694	.03	30	53
16-14-0063	6931522	1413165	9-67	2	305	21,335	2.98	635	59	14,735	3.28	484	11-72		40	989	-.14	13	51
16-14-0063	7144137	1427381	5-68	3	300	18,926	3.49	661	30	15,753	3.49	550	12-72		42	1,036	.03	42	77
16-14-0063	7231696	1404202	9-68	2	305	22,360	3.83	857	34	17,035	3.69	628	2-72		40	913	-.02	29	61
16-14-0063	7416815	1404202	7-69	1	305	25,920	2.63	682	41	15,430	3.27	504	4-72		36	1,138	-.16	16	60
16-14-0063	7416817	1404202	8-69	2	299	21,085	3.15	664	55	15,540	3.36	522	1-73		40	905	-.09	18	52
16-14-0063	7569557	1427381	10-69	2	230	19,440	3.56	693	48	16,555	3.37	558	11-72		40	999	.05	44	78
16-14-0100	7317263	1417208	3-69	2	305	18,245	3.67	669	23	15,320	3.42	524	7-72		40	642	.03	28	50
16-14-0100	7430695	1417208	8-69	2	305	19,840	3.68	731	11	16,150	3.45	557	3-73		40	737	.03	31	56
16-14-0108	7308696	1273756	7-67	3	305	19,140	3.63	695	33	16,320	3.44	562	12-72		42	661	.05	31	53
16-14-0114	7058070	1497831	12-67	3	305	18,953	3.47	658	29	14,140	3.63	513	3-73		38	833	-.05	22	52
16-14-0114	7496748	1458744	10-69	2	298	22,075	2.89	638	18	17,870	3.21	573	10-72		40	893	-.07	21	54
16-14-0114	7720980	1319234	7-70	1	305	21,930	3.24	711	19	17,730	3.18	564	11-72		29	774	-.03	23	51
16-14-0118	7402787	1375967	6-69	1	305	26,660	3.51	937	26	19,180	3.48	668	3-72		36	833	-.06	20	51
16-14-0120	6622574	1458742	6-66	5	246	20,104	3.56	715	13	15,824	3.58	567	1-73	B	32	717	-.01	25	50
16-14-0120	7144138	1427381	7-68	3	250	19,856	3.76	746	15	16,323	3.53	577	9-72	B	42	1,090	.06	49	85
16-14-0130	7445608	1525681	5-69	2	305	20,165	3.61	727	16	14,175	3.53	501	11-72		28	677	.02	27	50
16-14-0138	7460833	1432733	2-69	2	305	21,540	2.99	645	5	14,655	3.28	481	4-72		40	999	-.06	26	62
16-16-0002	7652867	1549232	7-70	1	305	19,680	3.09	609	52	14,490	3.21	465	10-72		31	818	-.06	20	50
16-16-0050	7417885	1404202	9-69	2	305	22,005	3.69	811	29	18,320	3.53	647	11-72		40	773	-.04	22	50
16-16-0060	5887393	1390735	5-63	8	301	18,483	3.65	675	44	14,655	3.60	527	12-72		36	724	.02	29	54
16-16-0060	6769972	1273756	10-66	5	304	17,630	3.83	675	47	14,232	3.57	508	9-72		44	715	.06	35	58
16-16-0060	6878874	1471783	4-67	4	303	19,710	3.41	673	34	14,013	3.64	510	12-72		35	900	-.05	24	57
16-16-0060	7542568	1502793	9-69	2	294	20,245	3.03	614	54	14,465	3.48	504	6-72		29	852	-.08	18	50
16-16-0071	5696149	1190632	10-61	5	305	21,398	3.51	751	6	14,680	3.57	524	8-72		44	1,070	-.09	25	64
16-16-0121	6623056	1347940	8-66	4	304	16,752	3.56	596	25	14,657	3.42	501	5-72		44	701	.01	27	51
16-16-0121	7496366	1489901	7-69	1	305	20,840	3.45	718	22	14,990	3.30	494	2-72		35	587	.09	35	53
16-16-0124	6261617	1281050	2-65	5	295	18,808	4.03	758	75	14,064	3.71	522	12-72		44	720	.05	33	57
16-16-0124	6948378	1487205	11-67	3	305	22,863	3.02	690	30	16,610	3.64	604	2-73		39	919	-.12	15	50
16-16-0124	6974700	1458744	10-67	3	305	21,040	3.33	701	26	15,913	3.59	571	8-72		42	1,006	-.05	29	65
16-16-0124	7016574	1347940	2-68	1	305	17,820	3.63	647	30	14,680	3.67	539	8-71		36	733	.00	27	52
16-16-0124	7212380	1347940	8-68	3	300	18,493	3.53	652	30	15,753	3.62	570	9-72		42	793	-.01	27	55
16-16-0124	7212381	1347940	8-68	3	301	18,366	3.66	672	29	15,723	3.63	570	8-72		42	782	.01	29	56
16-16-0124	7663628	1347940	6-70	1	305	19,780	3.67	726	42	16,820	3.53	594	11-72		36	751	.01	29	55
16-16-0137	6749405	1237057	1-67	4	305	20,437	3.27	669	22	14,165	3.59	508	1-73		44	948	-.08	21	56
16-16-0146	7027616	1333641	11-67	3	232	21,193	3.54	751	24	15,670	3.53	553	2-72		42	668	.03	28	51
16-16-0160	6802363	1273756	8-65	5	305	19,006	3.65	694	15	15,570	3.80	592	12-72		44	754	.01	29	55
21-01-0253	6817100	1478949	5-67	3	305	20,523	3.33	684	17	16,073	3.68	592	11-71		39	756	-.01	25	52
21-01-0607	6723774	1326163	8-66	4	305	21,765	3.25	707	67	14,483	3.47	503	9-72		44	752	.01	28	54
21-01-0607	7783990	1544708	7-70	1	305	22,450	2.93	658	59	14,870	3.30	491	10-72		31	1,098	-.03	35	74
21-01-0879	6726090	1425137	10-66	4	305	22,110	3.41	754	52	16,195	3.51	568	10-72		44	799	-.03	24	53
21-01-0879	7236454	1458744	7-68	3	305	22,670	3.38	767	54	16,883	3.47	586	11-72		42	1,104	-.03	35	74
21-01-0879	7236460	1458744	10-68	2	305	19,955	3.41	681	47	16,435	3.49	574	2-73		40	794	-.02	25	53
21-01-0879	7236473	1377691	10-68	2	260	22,120	3.46	765	35	16,100	3.48	561	7-72		40	850	-.02	27	57
21-01-0879	7296584	1458744	2-69	2	297	21,065	3.41	718	39	16,560	3.53	584	2-73		40	896	-.03	28	60
21-01-0879	7510612	1458744	10-69	1	305	22,720	3.42	776	30	15,250	3.48	530	5-72		36	991	-.02	32	67
21-01-0879	7533200	1486235	9-67	4	304	20,345	3.48	708	66	16,560	3.50	580	10-72		35	811	-.02	26	55
21-01-0879	7564818	1458744	10-69	2	305	19,965	3.45	689	39	16,560	3.53	584	2-73		40	785	-.02	25	53
21-01-0879	7726516	1458744	8-70	1	305	23,100	3.35	775	48	16,170	3.49	565	10-72		36	965	-.03	40	64
21-01-0879	7726519	1458744	8-70	1	305	22,600	3.29	744	48	16,170	3.49	565	10-72		36	927	-.03	28	61
21-01-0879	7776743	1458744	9-70	1	305	23,840	3.23	771	48	16,170	3.49	565	10-72		36	1,020	-.04	30	67
21-01-0879	7776747	1458744	11-70	1	305	20,580	3.36	692	47	16,480	3.47	572	1-73		36	758	-.03	23	50
21-01-0928	7555056	1458744	3-70	1	305	18,810	3.39	637	47	13,330	3.78	504	8-72		36	814	-.04	23	52
21-02-0033	6796288	1471260	12-66	2	305	20,025	3.96	792	16	14,725	3.42	504	11-71		35	629	.08	35	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
21-02-0077	6110124	1085978	3-64	6	305	19,737	3.62	715	20	15,685	3.60	564	12-72		44	802	.00	29	$ 57
21-02-0116	6522666	1441440	9-65	5	247	19,300	3.44	664	12	13,596	3.68	500	1-73		44	995	-.01	34	69
21-02-0129	6718965	1347940	11-66	4	305	18,670	3.84	717	15	15,575	3.52	549	2-72		44	848	.05	38	66
21-02-0129	7025045	1458744	10-67	3	305	20,526	3.28	673	16	16,023	3.35	537	11-72		42	936	-.03	29	62
21-02-0178	6394124	1410734	8-65	5	305	18,328	3.58	656	18	13,548	3.48	471	12-72		36	809	-.01	28	56
21-02-0202	7019226	1438758	8-67	4	305	22,530	3.16	712	17	17,510	3.44	602	2-73		43	956	-.12	16	52
21-02-0247	5972300	1245520	9-63	4	302	23,475	3.32	779	8	16,938	3.45	584	12-72		44	1,090	-.06	29	69
21-02-0253	6363780	1437780	2-65	5	261	20,476	3.55	726	19	16,146	3.47	561	12-72	B	35	762	.00	27	54
21-02-0253	7634475	1410733	1-70	1	305	24,780	2.93	727	20	16,070	3.20	514	4-72		36	937	-.06	25	59
21-02-0265	6698428	1469311	11-66	3	282	21,323	3.48	741	12	16,160	3.55	573	8-72	B	42	734	.02	29	54
21-02-0322	4481905	1265937	10-57	13	304	19,964	4.05	792	17	16,836	3.65	615	3-73		39	531	.12	37	53
21-02-0322	6664632	1249430	10-66	5	305	22,588	3.95	892	25	18,792	3.76	707	1-73		44	670	.06	33	55
21-02-0322	6677418	1458744	7-66	4	305	21,555	3.71	799	29	17,700	3.87	685	4-72		44	929	-.02	30	63
21-02-0322	7570345	1427381	1-70	1	305	21,080	4.06	855	24	17,360	3.85	668	9-72		36	1,028	.07	48	82
21-02-0423	5584626	1189870	2-61	8	294	20,845	3.53	735	18	15,983	3.47	554	4-72		44	818	.02	32	60
21-02-0605	6412967	1278644	8-65	5	303	21,332	3.54	756	33	18,590	3.27	607	9-72		44	764	-.01	26	53
21-02-0605	7032878	1458744	11-67	4	302	23,250	3.34	777	28	19,527	3.27	638	12-72		44	958	-.02	32	66
21-02-0965	6717164	1458744	8-66	5	305	21,048	4.18	880	32	15,244	3.55	541	1-73		44	1,137	.10	56	93
21-02-0965	7284885	1283917	10-68	2	305	23,070	3.14	725	34	15,040	3.66	550	2-72		40	1,009	-.13	16	54
21-02-0965	7493231	1458744	11-69	2	283	18,435	3.37	621	21	14,410	3.57	514	2-73		40	804	-.03	24	53
21-03-0061	5370221	1085978	2-61	9	304	19,572	3.67	718	51	15,768	3.44	543	12-72		44	772	.02	31	57
21-03-0061	6578818	1348259	12-65	4	305	20,373	3.39	690	43	16,325	3.52	574	4-72		44	784	-.02	25	53
21-03-0061	6984922	1492241	8-67	3	305	20,976	3.33	699	90	16,810	3.46	582	10-72		39	822	-.03	25	54
21-03-0073	6606311	1348259	4-66	4	298	22,175	3.61	801	6	17,225	3.52	607	6-72	B	44	918	.02	36	68
21-03-0073	7132310	1273756	8-68	3	305	20,940	3.93	822	12	18,350	3.65	669	2-73		42	681	.08	36	58
21-03-0126	7558851	1427381	8-69	1	305	23,810	3.22	767	40	17,120	3.49	597	2-72		36	1,246	.01	46	89
21-03-0217	7367099	1348259	5-68	3	295	24,620	3.59	884	24	18,203	3.62	659	10-72		42	1,069	.00	39	76
21-03-0217	7367101	1278644	11-67	3	294	23,673	3.63	859	22	18,073	3.70	668	8-72		42	1,043	-.05	30	68
21-03-0225	6593444	1431546	1-66	4	305	19,127	4.08	781	25	15,022	3.79	570	4-72		35	659	.08	36	57
21-03-0225	6771882	1431546	7-66	4	304	19,292	4.06	783	21	15,127	3.75	568	4-72		35	671	.08	37	58
21-03-0246	6307814	1221835	3-65	1	305	21,420	3.53	757	5	14,830	3.74	555	7-72		36	748	-.03	23	50
21-03-0368	5767554	1352969	11-62	7	298	19,253	3.57	688	30	15,069	3.58	540	9-72		38	718	-.01	25	50
21-03-0687	7133092	1430271	12-67	2	305	22,415	3.65	818	6	15,700	3.57	560	4-73		29	826	.00	30	59
21-03-0687	7342085	1348259	1-69	2	305	21,520	3.73	803	6	16,055	3.55	570	4-73		40	841	.03	35	64
21-03-0879	6868978	1348259	6-66	4	304	19,480	3.41	664	38	15,563	3.50	544	8-72		44	749	-.01	25	51
21-03-0910	7432198	1530625	9-69	2	305	19,260	2.83	545	52	14,020	3.37	473	11-72		30	919	-.12	15	50
21-04-0020	7366458	010287171	5-67	4	299	20,160	3.24	654	11	14,345	3.56	510	11-72		42	1,006	-.10	21	58
21-04-0036	6484961	1348259	12-65	3	305	21,767	3.56	774	15	18,503	3.45	638	4-72		42	713	.02	28	52
21-04-0036	7077237	1347940	3-68	3	298	21,856	3.27	715	24	17,623	3.48	614	12-72		42	1,008	-.04	30	66
21-04-0036	7077238	1347940	3-68	3	305	23,966	3.05	730	24	17,290	3.49	604	1-73		42	1,281	-.08	33	80
21-04-0036	7077239	1348259	3-68	2	305	23,220	3.36	780	18	18,720	3.48	651	3-72		40	797	-.02	26	54
21-04-0069	6333360	1239886	3-65	4	305	19,843	3.67	728	14	15,540	3.60	560	10-72		44	665	.04	30	52
21-04-0069	7436352	1444859	7-69	2	305	23,850	3.65	870	17	15,085	3.57	538	11-72		40	816	.02	33	61
21-04-0121	5924542	1404788	1-62	7	305	22,866	3.78	865	17	16,400	3.51	575	4-73		44	832	.06	39	67
21-04-0121	6224335	1432347	7-64	4	305	21,130	3.76	795	10	15,945	3.61	576	5-72		34	810	.03	33	61
21-04-0128	6444399	1240125	8-65	5	293	19,960	3.35	668	22	16,318	3.44	562	5-72		44	766	-.04	22	50
21-04-0128	7466783	1536450	1-70	2	293	23,115	3.31	766	21	17,805	3.49	622	2-73		37	1,100	-.05	32	72
21-04-0130	6509680	1348259	3-66	5	305	20,766	3.33	691	14	16,940	3.47	588	2-73		44	793	-.02	25	53
21-04-0130	6968913	1492243	11-67	4	303	20,257	3.36	680	14	17,275	3.47	599	3-73		40	790	-.04	22	51
21-04-0168	7330560	1427381	3-69	1	305	17,170	3.54	608	22	13,230	3.56	471	5-72		36	983	.04	41	74
21-04-0307	7325480	1404202	5-69	1	305	22,200	3.19	708	34	15,050	3.38	508	9-71		36	884	-.09	18	51
21-04-0307	7726917	1377691	9-70	2	305	22,745	3.99	908	36	16,835	3.39	570	3-73		40	854	.07	41	69
21-04-0307	7740783	1458744	12-70	1	291	21,340	3.15	672	48	16,950	3.32	563	1-73		36	787	-.03	23	51
21-04-0318	6506358	1179372	5-65	5	305	19,240	3.57	686	13	15,568	3.48	541	10-72		44	678	.02	27	50
21-04-0348	6783603	1278644	6-66	4	305	22,390	2.97	664	21	17,030	3.45	588	8-72		44	1,033	-.14	15	55
21-04-0369	7192170	1516360	12-68	2	303	16,855	3.65	615	29	13,300	3.63	483	1-72		38	847	.00	31	60
21-04-0409	6607855	1221835	3-66	4	305	19,685	3.90	768	14	15,235	3.49	532	3-72		44	790	.05	36	62
21-04-0482	7839666	1427381	8-70	1	305	16,430	3.75	616	12	14,280	3.60	514	12-72		36	865	.05	39	68
21-04-0482	8144048	1427381	7-70	1	305	17,020	3.92	667	10	13,570	3.60	488	11-72		36	952	.07	45	76
21-04-0499	6671191	1469284	10-66	5	208	21,478	3.35	719	23	15,962	3.51	561	10-72		32	917	-.04	27	60
21-04-0499	7224341	1427381	2-69	1	294	17,070	3.19	545	38	15,240	3.51	535	7-72		36	856	.01	33	62
21-04-0499	7260087	1404931	11-68	2	305	23,595	3.32	783	29	15,260	3.55	542	6-72		40	1,147	-.09	27	69
21-04-0499	8240769	010308691	5-70	1	305	19,350	3.51	679	39	16,060	3.53	567	1-73		28	1,019	.03	42	77
21-04-0597	5913143	1085978	6-63	3	301	20,580	3.57	734	11	16,753	3.44	577	5-72		42	750	.01	28	54
21-04-0597	6839233	1312008	7-66	3	305	21,837	3.49	762	16	16,800	3.42	574	2-72		42	715	.05	33	57
21-04-0619	7138721	1427381	8-68	3	298	18,730	3.68	690	26	16,286	3.55	578	7-72		42	964	.05	43	75
21-04-0619	7138722	1427381	9-68	3	305	18,753	3.58	671	29	16,793	3.53	593	11-72		42	920	.04	39	70
21-04-0619	7434538	1427381	8-69	2	305	19,535	3.68	719	30	16,495	3.55	585	11-72		40	678	.02	28	51
21-05-0031	6579707	[illegible]	7-66	5	292	20,134	3.52	708	37	13,956	3.73	520	10-72		44	901	-.05	25	58
21-05-0031	6796793	[illegible]	4-67	4	292	16,765	4.00	670	38	13,688	3.70	506	9-72		44	606	.05	30	50
21-05-0043	6307702	[illegible]259	3-66	5	305	21,676	3.59	779	27	18,280	3.67	671	3-73		44	772	.00	28	55
21-05-0043	7076762	[illegible]406	12-67	3	305	23,300	3.66	853	29	18,410	3.67	676	12-72		42	843	.02	33	62
21-05-0094	[illegible]447799	1433929	2-65	6	270	21,212	3.52	746	13	15,200	3.69	561	11-72	B	36	1,078	-.02	35	73
21-05-0095	[illegible]23e010	1441738	12-64	5	302	19,026	3.43	652	18	14,098	3.65	515	4-72		39	806	-.05	21	50
21-05-0114	[illegible]474029	1348259	3-65	5	302	19,080	3.60	687	12	15,944	3.54	564	9-72		44	678	.02	27	50
21-05-0114	6828428	1348259	3-67	4	291	20,713	3.35	693	18	17,055	3.55	606	1-73		44	754	-.03	23	50
21-05-0156	6206178	1239886	8-64	6	305	22,587	3.63	819	55	17,237	3.35	577	11-72		44	867	.06	41	70
21-05-0156	6379580	1278644	5-65	5	305	23,048	2.81	648	72	17,754	3.37	598	2-72		44	1,072	-.16	13	54
21-05-0156	6439481	1278644	8-65	5	305	21,578	3.75	810	61	17,472	3.35	585	7-72		44	911	.01	35	66
21-05-0156	6777986	1348259	2-67	4	299	21,273	3.06	651	42	16,313	3.39	553	8-72		44	897	-.06	23	56
21-05-0156	6856440	1348259	1-66	5	304	21,510	3.42	735	75	18,434	3.32	612	1-73		44	734	.01	28	53
21-05-0156	7472746	1347940	11-69	2	304	23,480	3.12	732	71	19,200	3.43	659	2-73		40	995	-.05	28	64
21-05-0157	6264553	1239886	1-65	5	305	20,224	3.70	748	15	15,068	3.84	578	3-72		44	786	.02	32	59
21-05-0167	7405938	1528819	9-69	2	305	20,340	3.72	757	69	14,170	3.78	536	12-72		25	769	.01	29	56
21-05-0167	7688512	1458744	7-70	1	305	19,900	3.91	779	72	13,470	3.76	507	10-72		36	887	.01	34	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
21-05-0167	7688513	1458744	8-70	1	305	18,990	3.72	706	55	13,890	3.71	516	1-73		36	794	.00	28	$ 56
21-05-0194	6728814	1452078	9-66	4	305	20,197	4.28	865	21	16,800	3.71	623	11-72		35	829	.07	40	67
21-05-0194	6728815	1452078	12-65	3	305	22,380	3.58	801	20	16,516	3.80	627	10-71		33	1,119	-.08	28	69
21-05-0194	6825718	1458744	1-67	4	250	17,800	3.83	682	22	15,622	3.60	563	1-73		44	671	.03	28	51
21-05-0194	7350152	1452078	3-68	3	305	19,973	3.55	710	25	15,860	3.72	590	6-72		33	867	-.07	20	52
21-05-0194	7511442	1452078	7-69	2	305	22,105	3.34	739	26	17,930	3.59	644	12-72		30	872	-.09	17	50
21-05-0210	8123474	1458744	7-70	1	305	18,300	3.64	667	33	12,910	3.71	479	11-72		36	801	-.01	27	55
21-05-0234	7711439	1458744	7-70	1	303	21,450	3.25	698	9	15,740	3.67	578	3-73		36	867	-.05	24	55
21-05-0242	7173737	1492073	6-68	3	298	21,207	3.62	768	30	14,657	3.71	544	10-72		42	837	-.02	27	57
21-05-0242	7943866	1427381	3-70	1	305	20,250	3.54	717	29	14,810	3.69	547	9-72		36	1,118	.03	45	83
21-05-0249	7217560	1406271	7-68	3	301	18,133	3.43	622	48	15,487	3.52	545	10-72		42	686	.02	27	51
21-05-0270	5224556	1189870	8-60	10	301	19,263	3.85	741	18	15,782	3.67	579	11-72		44	634	.05	30	51
21-05-0270	5399754	1189870	3-61	8	305	19,454	3.97	772	22	16,159	3.66	591	12-72		44	620	.06	32	52
21-05-0270	7392751	1458744	4-69	2	305	20,095	4.08	819	39	16,000	3.74	598	10-72		40	843	.04	37	65
21-05-0270	7498064	1458744	8-69	2	305	19,610	3.38	662	24	16,050	3.68	590	3-73		40	790	-.04	22	51
21-05-0270	7618463	1458744	2-70	1	305	22,190	3.38	750	35	15,380	3.76	579	8-72		36	944	-.04	27	61
21-05-0270	7691407	1458744	7-70	1	305	22,860	3.43	783	14	15,960	3.71	592	3-73		36	959	-.04	29	63
21-05-0270	7776687	1458744	10-70	1	305	20,840	3.60	751	14	15,960	3.71	592	3-73		36	809	-.01	27	56
21-05-0270	7838201	1458744	1-71	1	305	20,960	3.56	747	14	15,960	3.71	592	3-73		36	818	-.02	26	55
21-05-0275	7511219	1261857	10-69	2	304	17,850	3.57	638	22	14,720	3.74	551	3-73		40	636	.04	29	50
21-05-0309	6998188	1377691	11-67	2	305	21,765	3.47	756	13	15,240	3.60	549	3-72		40	804	-.03	27	59
21-05-0334	7149021	1377691	4-68	3	296	20,196	3.60	728	19	15,996	3.53	564	9-72		42	716	.00	25	50
21-05-0334	7149023	1377691	4-68	3	305	21,300	3.62	772	19	16,166	3.57	577	1-73		42	828	-.01	29	58
21-05-0334	7149029	1377691	8-68	3	303	19,170	4.31	826	21	15,853	3.60	570	11-72		42	612	.09	36	55
21-05-0344	7458103	1427381	5-69	1	223	21,950	4.06	892	18	17,400	3.66	636	10-71	H	36	1,091	.09	53	89
21-05-0360	6033146	1085978	11-63	7	277	20,190	3.39	685	20	16,806	3.50	588	5-72		44	745	-.02	23	50
21-05-0360	7306282	1512001	12-68	3	305	23,050	3.14	724	18	17,663	3.44	608	2-73		31	983	-.08	23	57
21-05-0360	7558840	1427381	2-70	1	305	20,210	3.81	770	21	18,220	3.26	594	8-72		36	912	.08	34	76
21-05-0360	7769832	1427381	7-70	1	305	21,090	3.89	820	21	18,950	3.25	615	11-72		36	934	.09	48	78
21-05-0362	6493565	1452345	8-65	6	305	19,975	3.70	740	8	16,253	3.46	562	4-73		43	767	.03	32	58
21-05-0376	6301598	1085978	12-64	5	305	20,132	3.50	704	28	16,490	3.46	571	12-72		44	770	.00	27	54
21-05-0376	7510046	1387978	1-70	1	305	20,840	3.29	686	27	15,770	3.36	530	8-72		36	815	-.02	26	55
21-05-0376	7819009	1458744	11-70	1	305	22,450	2.86	642	12	16,900	3.37	570	2-73		36	873	-.07	20	52
21-05-0388	6275419	1085978	1-65	6	302	22,667	3.28	744	9	18,220	3.67	668	6-72		44	918	-.07	22	56
21-05-0396	6286878	1239886	3-65	4	302	19,925	3.53	704	18	15,653	3.26	510	9-72		44	664	.03	32	54
21-05-0419	6976182	1303180	9-67	3	305	18,953	3.29	623	15	12,710	3.65	464	3-72		34	880	-.05	24	56
21-05-0421	7286216	1347940	11-67	3	305	20,880	3.82	798	24	16,726	3.69	617	12-72		42	978	.02	39	72
21-05-0421	7286218	1273756	11-67	2	305	19,320	4.06	785	13	16,930	3.70	627	1-72		40	597	.08	33	52
21-05-0421	7286222	1273756	1-68	2	305	20,325	3.51	714	21	16,850	3.65	615	12-72		40	705	.01	27	51
21-05-0421	7286224	1278644	11-67	3	305	21,490	3.76	809	23	16,060	3.74	601	10-72		42	977	-.03	30	65
21-05-0428	6482692	1273237	8-65	5	269	22,582	3.45	778	14	16,868	3.60	607	4-72	B	44	891	-.06	23	55
21-05-0428	6986080	1463454	5-66	4	261	21,413	3.65	781	13	16,918	3.55	600	4-72	B	30	758	.02	20	56
21-05-0440	5548960	1348259	4-61	6	305	21,555	3.44	742	9	15,872	3.62	575	9-72		44	1,005	-.02	33	69
21-05-0440	5671427	1085978	12-61	6	305	21,018	3.29	691	9	14,258	3.61	515	7-72		44	1,115	-.06	31	71
21-05-0441	6653924	1347940	3-66	5	305	19,460	4.39	854	14	16,046	3.76	603	1-73		44	913	.11	50	79
21-05-0449	7803386	1473442	3-69	2	270	22,240	3.07	682	24	15,920	3.48	554	4-73		39	998	-.10	20	57
21-05-0832	6482150	1278644	1-66	4	303	27,043	3.18	860	18	22,035	3.49	769	1-72		44	1,113	-.11	22	64
21-05-0832	6760791	1278644	1-67	4	305	24,488	3.52	862	13	20,455	3.62	740	5-72		44	954	-.06	25	60
21-05-0832	7221123	1377691	12-67	2	305	27,020	3.19	861	18	21,300	3.50	746	12-71		40	925	-.08	21	55
21-05-0832	7758562	1419528	1-70	1	301	23,840	3.45	822	13	18,790	3.62	680	8-72		36	691	.01	26	50
21-05-0878	5958574	1239886	9-63	6	305	18,178	3.83	697	32	14,198	3.64	517	2-73		44	612	.06	31	51
21-05-0878	7054647	1488604	9-67	2	305	22,115	3.52	779	30	14,805	3.63	538	4-72		36	1,145	-.03	37	78
21-05-0878	7056456	1377691	3-68	3	305	19,843	3.57	708	30	14,860	3.58	532	3-73		42	780	-.01	26	56
21-05-0878	7505663	1312008	7-69	1	305	22,570	3.70	835	37	15,700	3.73	585	7-72		36	622	.06	31	51
21-05-0878	7505666	1537060	12-69	1	305	22,600	3.70	836	43	15,640	3.71	581	6-72		31	857	.02	34	63
21-05-0878	7770076	1545317	6-70	1	305	21,870	3.38	740	28	15,370	3.60	554	2-73		31	865	-.03	27	58
21-06-0011	7353234	1427381	11-68	2	305	19,105	3.74	715	16	15,270	3.54	541	5-72		40	1,070	.06	48	84
21-06-0029	7288854	1427381	11-68	2	301	18,170	3.38	614	26	16,110	3.56	573	12-72		40	907	.02	35	66
21-06-0029	7288855	1427381	12-68	1	305	21,160	3.42	724	29	16,510	3.61	596	9-72		36	1,085	.02	42	79
21-06-0031	6950257	1360676	8-67	4	304	20,258	3.90	790	41	18,515	3.55	658	11-72		42	636	.07	34	54
21-06-0031	7436197	1447414	11-69	2	301	22,885	3.51	804	43	18,775	3.56	669	11-72		40	1,072	-.04	33	71
21-06-0031	7741611	1447414	10-70	1	305	26,770	3.29	880	34	18,700	3.52	659	12-72		36	1,269	-.06	36	82
21-06-0043	5483950	1199324	8-61	9	293	19,580	3.73	731	27	17,786	3.66	651	12-72	B	44	735	.00	27	53
21-06-0043	6631270	1472260	9-66	4	305	21,030	3.87	814	19	17,288	3.68	637	7-72		30	650	.05	31	52
21-06-0049	8271791	1447414	1-71	1	305	19,670	3.05	599	39	15,100	3.27	494	3-73		36	954	-.06	29	60
21-06-0053	7527940	1417208	10-69	2	305	18,570	3.81	708	28	15,145	3.61	546	12-72		40	690	.03	30	58
21-06-0060	6778016	1278644	2-67	4	301	19,808	3.28	649	11	13,983	3.45	483	12-72		44	1,015	-.08	24	61
21-06-0061	6674515	1348259	11-66	4	300	24,313	3.42	832	89	16,545	3.44	569	8-72		44	1,249	-.01	43	87
21-06-0061	7002757	1437152	7-66	5	305	23,122	3.21	742	69	16,550	3.50	579	1-73		38	984	-.10	20	57
21-06-0061	7094480	1347940	5-68	3	235	26,240	3.48	913	82	16,890	3.45	581	10-72	B	42	1,503	-.01	56	111
21-06-0061	7143582	1477381	8-68	1	305	21,690	3.82	829	59	17,210	3.47	598	11-71		35	633	.00	32	53
21-06-0061	7174548	1458744	8-68	1	183	26,580	3.46	919	43	17,360	3.54	614	2-72	B	36	1,153	-.02	38	79
21-06-0061	7235842	1458744	8-68	1	305	31,850	3.17	1009	39	17,530	3.51	615	4-72		36	1,535	-.06	45	.00
21-06-0061	7265745	1347940	9-68	3	300	24,170	3.33	805	72	17,000	3.49	593	10-72		42	1,332	-.04	42	84
21-06-0061	7349388	1427381	5-69	2	271	21,170	3.59	759	100	17,030	3.45	587	8-72	B	40	1,136	.05	49	87
21-06-0061	7389291	1458744	9-69	1	305	21,080	3.39	715	77	17,310	3.51	607	7-72		36	746	-.02	23	50
21-06-0061	7441927	1539883	8-69	2	305	23,225	3.25	754	86	17,320	3.48	602	10-72		29	816	-.05	22	52
21-06-0061	7453625	1458744	6-69	2	281	22,805	3.14	715	58	17,255	3.49	603	8-72	B	40	1,017	-.07	26	63
21-06-0061	7586089	1458744	1-69	1	305	24,390	3.07	748	68	16,910	3.61	610	1-73		36	1,017	-.07	25	62
21-06-0061	7945828	1399824	10-69	2	305	20,105	3.79	762	33	17,085	3.62	618	3-73		40	672	.04	31	53
21-06-0061	8020920	1399824	4-70	1	305	22,480	3.29	739	81	17,430	3.51	611	7-72		36	754	-.01	26	52
21-06-0070	7117570	1458744	7-68	3	299	21,530	3.81	821	30	17,330	3.51	608	11-72		42	932	.04	39	71
21-06-0070	7249949	1458744	12-68	2	305	22,270	3.21	715	31	16,235	3.50	569	9-72		40	1,045	-.05	29	67
21-06-0070	7510910	1458744	12-69	1	305	20,350	3.55	723	31	15,870	3.53	561	8-72		36	778	-.01	26	53
21-06-0114	7016683	1330987	4-66	5	301	20,472	3.38	692	24	16,934	3.44	583	4-73		44	757	.01	29	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
21-06-0114	7079070	1467630	6-66	4	305	20,547	3.78	776	27	16,827	3.42	575	3-73		35	806	.05	37	$ 64
21-06-0166	7732156	1447414	12-70	1	305	18,530	3.65	677	36	16,890	3.27	553	11-72		36	763	.00	27	54
21-06-0231	6387734	1417208	8-65	6	303	23,937	3.31	793	12	17,970	3.57	641	2-73		44	1,164	-.05	34	76
21-06-0231	7311946	1427381	1-69	2	305	24,320	3.36	818	12	18,730	3.78	708	11-72		40	1,318	-.02	45	91
21-06-0256	6970099	1330987	7-67	4	300	20,755	3.55	737	12	16,975	3.55	603	6-72		44	770	.03	33	59
21-06-0256	7484633	1464901	11-69	1	298	22,460	3.85	864	30	18,780	3.45	648	12-72	H	34	898	.01	34	65
21-06-0256	7484634	1508685	2-70	2	296	22,270	3.86	860	19	18,630	3.49	651	1-73		40	716	.00	26	51
21-06-0256	7484636	1458744	1-70	2	302	21,250	3.50	743	12	18,465	3.48	643	4-73		40	760	-.01	26	53
21-06-0291	6921051	1462176	4-67	3	296	23,556	3.17	747	19	17,096	3.26	558	8-71		36	1,063	-.08	26	65
21-06-0293	7290167	1389471	8-68	3	305	21,650	3.47	752	15	16,030	3.51	563	1-73		42	823	-.03	25	54
21-06-0293	7563655	1534450	2-70	1	280	19,160	3.58	686	20	15,350	3.77	579	10-72		33	814	-.03	25	54
21-06-0293	7760579	1458744	7-70	1	305	24,210	3.21	777	12	15,500	3.70	573	1-73		36	1,087	-.06	30	69
21-06-0327	6365906	1416106	9-65	4	305	21,275	3.06	652	74	14,980	3.47	520	8-72		36	953	-.10	19	55
21-06-0327	7385050	1417208	8-69	1	305	19,290	3.71	716	59	15,310	3.41	522	6-72		36	659	.03	28	50
21-06-0327	7420319	1427381	10-69	1	305	17,070	3.53	602	73	15,290	3.45	528	8-72		36	853	.04	37	66
21-06-0348	7078356	1348259	8-66	4	305	19,298	3.49	673	61	14,188	3.49	495	10-72		44	863	.00	31	61
21-06-0348	7360564	1320310	5-69	2	305	17,925	3.80	682	19	14,390	3.63	523	3-72		40	902	-.02	30	62
21-06-0348	7435027	1308101	6-69	2	305	17,555	3.84	674	45	15,170	3.57	541	12-72		40	829	.01	31	60
21-06-0348	7612537	1450692	6-70	1	305	22,830	3.47	792	72	14,740	3.59	529	10-72		35	984	.00	35	69
21-06-0348	7734057	1308101	8-70	1	288	17,720	3.38	599	83	14,870	3.64	542	8-72		36	829	-.04	23	53
21-06-0348	7757502	1526128	9-70	1	305	21,030	3.50	736	83	14,830	3.64	540	8-72		33	1,205	-.10	28	72
21-06-0348	7764947	1441440	4-70	1	305	18,040	4.39	792	70	14,640	3.62	530	7-72		36	580	.09	35	53
21-06-0349	5988187	1400388	10-63	4	305	23,903	3.42	818	16	16,110	3.66	589	8-72		35	1,235	-.06	35	80
21-06-0349	7104066	1458744	5-68	3	302	21,203	3.44	730	17	16,413	3.55	583	7-72		42	978	-.03	31	66
21-06-0366	7153556	1404931	4-68	3	305	23,580	2.86	674	10	17,253	3.28	566	3-73		42	1,067	-.15	15	56
21-06-0366	7177726	1222994	9-68	3	304	21,713	3.24	703	14	17,097	3.33	569	11-72		42	843	-.03	26	56
21-06-0394	6059509	1085978	1-64	7	303	19,741	3.52	695	11	15,450	3.62	559	6-72		44	827	-.02	27	56
21-06-0420	6280356	1239886	3-65	5	305	20,966	3.26	683	10	16,408	3.55	582	4-72		44	744	-.02	23	50
21-06-0420	7424374	1427381	10-69	1	305	22,060	2.99	659	27	15,840	3.52	558	10-71		36	1,192	-.02	40	82
21-06-0423	6515550	1216957	10-65	4	299	23,075	3.75	866	6	16,135	3.50	564	1-72		44	881	.07	42	71
21-06-0494	7373284	1427381	12-68	2	305	21,365	3.54	756	24	18,390	3.30	607	8-72		40	1,046	.06	47	82
21-06-0494	7373285	1427381	5-69	1	253	20,820	3.67	764	35	17,720	3.26	578	9-71	B	36	987	.07	47	80
21-06-0497	6501530	1348259	9-65	5	305	21,234	3.21	681	20	16,856	3.52	594	2-72		44	862	-.05	23	54
21-06-0497	7421721	1273756	12-67	2	305	25,040	2.83	709	9	18,570	3.47	644	9-72		40	1,044	-.09	24	63
21-06-0505	6937731	1458744	12-67	3	300	17,366	3.86	671	26	14,866	3.55	528	7-72		42	679	.03	29	52
21-06-0505	6937735	1222994	2-67	4	304	19,678	3.30	649	33	15,340	3.47	532	1-73		44	803	-.03	24	53
21-06-0505	7410030	1458744	9-68	2	286	20,445	3.24	662	35	14,205	3.56	505	7-72		40	1,025	-.05	29	66
21-06-0510	6767264	1273237	7-66	4	305	22,445	3.23	726	21	16,238	3.66	595	1-73		43	901	-.10	17	51
21-06-0510	7420971	1427381	8-68	2	305	20,925	3.62	757	18	17,455	3.63	634	1-72		40	1,077	.04	45	82
21-06-0535	7487710	1427381	12-69	1	305	15,740	3.61	569	31	13,260	3.57	473	8-72		36	875	.04	38	67
21-06-0565	6276482	1239886	9-64	5	305	23,666	3.70	875	29	17,208	3.57	615	4-72		44	1,010	.05	44	78
21-06-0565	6685104	1330987	8-66	4	305	21,022	3.47	730	24	16,675	3.60	601	4-72		44	832	.01	32	61
21-06-0565	6722254	1441440	9-66	2	253	19,135	3.83	732	26	15,725	3.65	574	6-72		40	675	.05	32	54
21-06-0565	6773051	1399824	11-66	4	298	19,378	3.90	756	28	17,778	3.50	623	5-72		44	573	.07	32	50
21-06-0566	7671489	1330987	12-69	2	294	17,290	4.27	739	41	15,580	3.30	514	10-72		40	452	.14	38	50
21-06-0594	6748533	1458744	1-67	4	279	17,917	3.14	563	11	13,770	3.62	498	12-72	B	44	868	-.07	20	52
21-06-0600	6774600	1348259	4-66	6	305	21,075	3.40	716	19	16,773	3.62	607	3-73		44	850	-.03	26	56
21-06-0600	7443505	1458744	6-68	2	305	19,685	3.87	761	18	17,460	3.69	644	3-72		40	683	.02	28	51
21-06-0603	6864500	1427381	4-70	1	305	21,610	3.93	850	39	15,920	3.75	597	12-72		36	1,154	.07	52	91
21-06-0615	6811895	1348259	8-66	4	254	20,165	3.15	635	26	15,855	3.38	536	12-72		44	805	-.05	22	51
21-06-0644	7111982	1495783	7-68	2	305	21,340	3.82	816	17	15,195	3.53	537	3-72		29	896	.06	41	71
21-06-0653	7010025	1282596	3-68	3	305	22,316	3.57	797	25	16,323	3.47	566	7-72		42	813	-.01	28	57
21-06-0653	7413718	1273756	10-69	2	305	19,135	3.63	694	26	16,250	3.48	565	12-72		40	633	.04	29	50
21-06-0659	7051572	1377691	4-68	3	305	20,296	3.26	661	12	14,576	3.50	510	3-73		42	859	-.06	22	53
21-06-0704	7186949	1348259	7-68	3	301	21,073	3.36	707	11	16,433	3.63	596	9-72		42	824	-.04	24	54
21-06-0704	7483792	1427381	10-69	2	300	17,480	3.62	632	20	15,385	3.70	570	11-72		40	895	.03	37	67
21-06-0704	7483793	1427381	12-69	1	305	19,590	4.03	789	26	14,560	3.67	535	12-72		36	1,084	.08	51	87
21-06-0747	6588626	1348259	3-66	3	305	20,823	3.32	691	10	14,773	3.53	521	7-72		42	948	-.03	29	63
21-06-0846	5447283	1085978	7-61	7	298	19,340	3.54	685	27	15,066	3.59	541	3-72		44	815	-.01	27	56
21-06-0846	6664855	1348259	7-66	5	305	19,698	3.36	662	32	15,010	3.55	533	12-72		44	854	-.02	27	57
21-06-0846	6664860	1348259	11-66	4	305	19,188	3.40	653	31	15,235	3.49	532	7-72		44	746	-.01	25	51
21-06-0846	6939513	1348259	10-67	3	305	18,380	3.57	657	40	14,137	3.55	502	7-72		42	725	.01	27	52
21-06-0846	6972520	1282596	12-67	3	305	20,580	3.70	762	37	15,010	3.56	535	3-72		42	734	.00	27	52
21-06-0846	6989523	1347940	1-68	3	305	19,183	3.48	667	42	15,006	3.54	531	8-72		42	941	-.01	32	65
21-06-0846	7193798	1404202	11-68	3	305	19,156	3.63	695	38	14,856	3.54	526	11-72		42	813	-.05	22	51
21-06-0846	7218418	1516360	1-69	2	305	20,065	3.04	610	30	15,900	3.53	562	10-72		38	966	-.07	24	59
21-06-0846	7258177	1347940	10-69	2	299	18,610	3.69	687	41	14,405	3.57	514	10-72		40	890	.02	35	66
21-07-0014	4351975	1492073	3-62	5	302	23,532	3.16	744	38	17,570	3.49	614	5-72		44	925	-.09	20	54
21-07-0014	6204622	1447852	1-65	5	305	20,418	3.59	734	42	17,602	3.48	613	7-72		36	626	.04	29	50
21-07-0014	6852746	1472364	1-67	4	305	23,883	2.94	703	34	18,448	3.39	626	12-72		34	1,001	-.13	15	53
21-07-0014	6860285	1472364	1-67	4	301	24,045	2.92	701	32	17,170	3.44	591	10-72		34	1,172	-.15	19	64
21-07-0033	7039670	1497257	6-68	2	302	23,980	2.70	647	18	16,245	3.47	563	1-73		25	1,020	-.16	12	51
21-07-0033	5116227	1189870	12-61	2	305	19,575	3.71	726	15	14,750	3.36	496	2-73		40	659	.05	31	53
21-07-0043	6610269	1457323	5-66	2	305	21,310	3.28	698	15	14,805	3.38	500	11-72		28	789	-.03	24	52
21-07-0060	6888328	1479593	6-67	3	305	21,220	3.24	687	7	16,070	3.34	537	3-72		39	928	-.05	26	60
21-07-0080	7373193	0102759932	9-66	3	305	21,687	3.52	764	14	15,397	3.38	521	10-72		42	851	.03	35	64
21-07-0085	7589024	1419528	11-69	2	301	20,345	3.32	675	34	15,345	3.47	533	11-72		40	759	.00	27	53
21-07-0089	7318093	1458744	10-68	3	305	18,543	3.08	572	14	14,810	3.40	503	3-73		42	820	-.06	20	50
21-07-0091	7228040	1497257	1-69	2	305	19,465	3.75	730	15	13,990	3.63	508	1-73		25	677	.02	28	51
21-07-0376	7137079	1502091	9-68	1	305	21,120	3.41	721	10	15,620	3.42	534	4-72		23	796	-.04	23	52
21-07-0376	7310202	1502091	10-68	1	305	20,090	3.51	705	7	13,700	3.74	512	3-73		23	841	-.04	24	54
21-07-0433	7503531	1537060	1-70	2	305	19,235	3.65	702	15	14,605	3.59	525	4-73		36	762	.02	31	57
21-07-0573	6967340	1406271	1-67	3	305	16,550	3.87	641	21	14,240	3.60	513	2-72		42	619	.06	32	52
21-07-0573	6967342	1406271	1-67	3	304	17,023	4.10	698	9	14,947	3.61	539	5-72		42	608	.09	36	55
21-08-0019	6242152	1245520	10-64	5	303	20,176	3.59	725	25	15,728	3.62	570	9-72		44	825	-.03	25	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-08-0019	7395693	1273756	10-67	2	305	20,460	3.45	706	32	15,545	3.74	582	3-72		40	825	.00	29	$ 58
21-08-0020	6984888	1377691	11-67	2	305	22,430	3.49	782	29	15,575	3.56	555	10-71		40	924	-.03	29	62
21-08-0020	7386198	1488091	10-68	2	305	21,735	3.58	778	36	14,910	3.58	534	10-72		32	726	.01	27	52
21-08-0027	6704427	1458744	3-66	5	289	17,350	3.75	650	11	15,224	3.57	544	1-73	B	44	662	.02	27	50
21-08-0027	7679378	1417208	12-69	2	305	18,465	3.78	698	22	15,005	3.67	550	10-72		40	690	.02	28	52
21-08-0060	7544170	1348259	3-70	1	305	22,690	3.35	761	38	15,510	3.53	548	9-72		36	821	-.02	27	56
21-08-0066	6594528	1278644	5-66	5	305	22,562	2.85	643	32	16,650	3.42	569	1-73		44	1,123	-.16	15	58
21-08-0077	7524683	1347940	9-68	3	305	18,743	3.79	710	17	15,553	3.66	569	11-72		42	841	.02	34	63
21-08-0100	6939970	1389471	12-67	3	305	21,887	3.68	805	13	17,227	3.67	633	2-73		42	740	-.02	24	50
21-08-0100	7234968	1278644	9-68	3	305	23,390	3.79	887	29	17,830	3.67	655	9-72		42	1,032	-.02	34	70
21-08-0100	7570117	1427381	12-69	1	305	20,240	4.20	850	26	18,220	3.67	669	8-72		36	914	.09	47	77
21-08-0100	7570118	1427381	1-70	1	305	19,800	3.76	744	26	18,220	3.67	669	8-72		36	882	.05	40	69
21-08-0117	7874909	1427381	11-70	1	305	15,500	3.44	533	19	13,150	3.62	476	12-72		36	863	.03	35	64
21-08-0123	6834941	1278644	12-66	3	300	19,483	3.76	733	21	14,387	3.57	514	2-73		42	900	-.02	29	61
21-08-0152	5693325	1237057	10-62	6	305	20,036	3.64	729	31	15,203	3.53	536	7-72		44	821	-.02	27	56
21-08-0152	6073537	1416771	1-64	6	303	22,061	3.43	757	36	15,960	3.52	562	12-71		41	840	.04	36	64
21-08-0152	6900424	1476679	11-66	4	246	20,337	3.65	743	26	17,155	3.63	623	2-73	B	40	763	-.01	26	53
21-08-0152	7462693	1450228	7-69	1	305	20,130	3.56	716	21	14,600	3.60	525	3-73		36	916	-.03	29	62
21-08-0152	7641554	1450228	9-70	1	305	22,450	2.90	651	44	15,730	3.62	569	12-72		36	1,022	-.09	22	60
21-08-0154	6499541	1237057	12-65	5	304	19,848	3.39	673	43	15,450	3.29	509	2-73		44	771	-.04	22	50
21-08-0154	6613219	1347940	8-66	4	305	17,645	3.66	646	16	15,532	3.44	534	7-72		44	725	.03	30	55
21-08-0154	7289155	1458744	1-69	1	305	19,740	3.69	728	46	14,740	3.43	505	9-72		36	800	.01	30	58
21-08-0154	7508416	1458744	8-69	1	305	19,400	3.58	695	46	14,740	3.43	505	9-72		36	774	.00	28	55
21-08-0154	7597174	1427381	11-69	1	305	16,970	3.32	563	47	14,430	3.44	497	12-72		36	897	.02	36	67
21-08-0173	6980439	1273756	10-67	3	305	19,183	3.62	694	49	16,377	3.51	575	10-72		42	660	.04	30	52
21-08-0188	7463928	1458744	12-69	2	278	16,880	3.60	608	19	12,475	3.58	446	12-72		40	803	-.01	28	56
21-08-0222	7573105	1427381	1-70	1	305	21,450	3.64	781	11	16,030	3.67	589	12-71		36	1,135	.04	47	86
21-08-0230	6261653	1085978	7-64	7	302	22,149	3.31	733	13	18,530	3.52	653	3-73		44	819	-.05	22	52
21-08-0230	7517194	1347940	2-70	1	305	25,150	3.16	795	24	15,380	3.50	538	10-72		36	1,237	-.04	38	82
21-08-0245	7117593	1504551	6-68	3	305	19,416	3.17	616	8	15,263	3.58	546	3-73		34	805	-.05	21	50
21-08-0247	6857590	1278644	9-66	3	305	19,813	3.59	712	25	15,943	3.51	560	7-72		42	795	-.04	23	52
21-08-0273	7244451	1458744	11-68	3	303	18,130	3.27	592	14	14,440	3.59	518	3-73		42	806	-.05	21	50
21-08-0273	7602018	1427381	3-70	2	295	16,200	3.41	552	11	14,485	3.58	519	2-73		40	839	.02	33	62
21-08-0312	7564908	1427381	12-69	1	305	17,400	3.64	634	17	15,090	3.68	555	6-72		36	889	.04	38	68
21-08-0324	8055072	1450228	10-70	1	305	18,220	3.58	652	10	13,290	3.70	492	12-72		36	852	-.03	26	56
21-08-0330	7051591	1272013	3-68	3	305	19,767	4.20	831	32	15,727	3.72	585	1-73		42	720	.05	33	57
21-08-0347	5972410	1278644	9-63	6	304	19,242	3.55	684	39	15,445	3.64	562	5-72		44	819	-.05	21	51
21-08-0347	7151593	1348259	9-68	3	305	21,223	3.70	785	38	17,647	3.67	647	2-73		42	729	.01	28	53
21-08-0347	7473867	1427381	9-69	2	305	25,535	3.33	851	59	17,825	3.62	646	1-73		40	1,515	-.01	53	106
21-08-0347	7502492	1348259	2-70	1	305	23,340	3.71	865	58	17,520	3.78	662	10-72		36	750	.01	28	54
21-08-0347	7650768	010275932	9-67	3	305	24,930	3.37	840	40	18,253	3.77	688	1-73		42	962	-.04	28	63
21-08-0388	7574557	1520162	10-69	1	305	19,940	3.75	748	30	14,970	3.42	512	10-72		31	704	.04	31	55
21-08-0391	7734531	1417208	7-70	1	305	21,510	3.33	716	40	16,300	3.56	581	9-72		36	765	-.02	24	51
21-08-0404	6885941	1348259	9-67	3	305	19,940	3.20	639	29	15,430	3.32	512	1-72		42	786	-.03	24	52
21-08-0405	7505490	1377691	10-69	2	305	24,235	3.06	741	52	17,035	3.63	619	1-73		40	989	-.10	20	57
21-08-0405	7645440	1348259	3-70	1	305	21,350	3.63	775	45	16,040	3.57	573	9-72		36	690	.01	27	51
21-08-0419	7003727	1261857	4-67	4	303	20,660	3.57	737	19	18,043	3.48	627	9-72		44	706	.06	34	57
21-08-0434	6346785	1239086	4-65	5	298	19,394	3.88	752	16	14,684	3.58	526	8-72		44	719	.08	38	61
21-08-0434	7337878	1348259	11-68	2	305	19,250	3.64	700	17	14,555	3.65	531	7-72		40	732	.01	28	53
21-08-0481	7211302	1387978	10-68	3	299	19,013	3.37	641	30	13,890	3.64	505	10-72		42	954	-.04	28	62
21-08-0481	7501622	1387978	1-70	1	305	19,010	4.12	784	20	14,810	3.63	538	9-72		36	735	.04	32	57
21-08-0489	6811011	1222994	1-66	5	295	20,110	3.42	687	34	15,256	3.59	547	10-72		44	889	-.03	28	60
21-08-0489	7602537	1427381	2-69	2	305	19,915	3.82	761	27	16,000	3.61	577	1-73		40	1,093	.07	50	86
21-08-0489	8015302	1427381	2-70	1	305	17,710	3.52	624	23	14,640	3.61	529	4-72		36	939	.03	39	71
21-08-0492	7334754	1406271	1-68	3	304	18,760	3.98	746	25	16,017	3.66	586	3-73		42	709	.08	38	61
21-08-0492	7492966	1404202	9-69	2	305	21,230	3.43	729	23	15,610	3.81	594	1-73		40	914	-.10	18	52
21-08-0523	6100650	1413472	3-64	6	304	18,082	4.19	758	18	14,488	3.98	576	12-72		36	544	.12	38	54
21-08-0587	6240966	1437327	1-65	6	296	19,540	3.65	714	32	14,652	3.56	521	3-73		36	719	.02	29	54
21-08-0587	7045180	1348259	3-68	3	305	20,683	3.43	710	27	14,817	3.42	507	6-72		42	927	.00	33	65
21-08-0587	7280534	1427381	10-68	2	296	17,240	3.47	598	40	14,985	3.45	517	9-72		40	904	.04	38	69
21-08-0587	7586780	1427381	10-69	1	305	19,150	3.45	660	28	14,880	3.46	515	11-72		36	1,032	.03	42	77
21-08-0629	7402781	1348259	4-69	2	302	21,840	3.70	807	6	16,865	3.58	604	9-72		40	807	.03	33	60
21-08-0663	5781261	010258898	2-60	9	300	22,562	3.50	790	23	13,763	3.65	502	8-72		32	1,368	-.03	45	93
21-08-0663	6816127	1458744	1-67	4	292	17,415	3.79	660	43	14,045	3.47	487	2-73		44	779	.03	33	59
21-08-0691	7319755	1404931	5-69	1	305	24,350	3.10	755	12	14,400	3.51	506	2-72		36	1,045	-.11	20	59
21-08-0697	7323552	1348259	1-69	2	305	19,225	3.70	711	18	14,940	3.65	546	11-72		40	698	.02	28	52
21-08-0701	6067999	1085978	9-62	7	305	24,257	2.91	707	13	17,223	3.43	591	1-72		44	1,226	-.12	25	71
21-08-0701	7400151	1427381	10-69	2	282	19,555	3.41	666	33	17,805	3.43	610	11-72		40	910	.03	37	68
21-08-0701	7400152	1427381	10-69	1	305	18,870	3.48	656	23	17,060	3.54	604	7-72		36	881	.03	37	67
21-08-0701	7519748	1464901	1-70	1	295	23,060	3.28	756	42	17,410	3.49	608	9-72		34	1,028	-.05	29	66
21-08-0705	6856449	1221835	9-65	6	291	20,590	3.28	676	32	16,115	3.56	574	10-72		44	838	-.06	21	52
21-08-0705	7274536	1348259	9-68	3	299	20,450	3.69	754	30	16,563	3.65	604	12-72		42	740	.02	29	54
21-08-0747	7518212	1427381	8-69	1	305	16,100	3.85	620	57	13,120	3.71	487	8-72		36	910	.05	41	71
21-08-0747	7518213	1427381	8-69	1	305	15,080	4.01	605	57	13,120	3.71	487	8-72		36	834	.06	40	67
21-08-0747	7518215	1427381	11-69	1	305	16,350	3.78	618	64	13,290	3.67	488	10-72		36	918	.05	41	72
21-08-0747	7518216	1427381	12-69	1	293	17,890	3.48	622	62	13,180	3.69	487	9-72		36	1,040	.02	41	77
21-08-0766	6338243	1085978	8-64	6	300	21,835	3.05	666	51	16,726	3.41	571	2-72		44	965	-.08	22	58
21-08-0766	6425002	1417208	10-65	5	304	22,090	3.24	715	40	17,122	3.40	583	2-72		44	1,014	-.04	30	66
21-08-0766	6997144	1458744	1-68	3	285	23,230	3.34	776	45	17,513	3.45	604	12-71		42	1,110	-.04	34	74
21-08-0766	7048127	1458744	4-68	2	305	21,795	2.89	629	49	17,575	3.46	608	12-71		40	888	-.10	17	50
21-08-0766	7519759	1427381	10-69	1	305	21,890	3.15	690	68	17,570	3.49	614	9-71		36	1,076	.00	39	76
21-08-0766	7519760	1427381	11-69	1	305	26,060	3.51	915	68	17,570	3.49	614	9-71		36	1,387	.04	56	103
21-08-0784	7757436	1542359	10-70	1	305	20,170	4.25	857	13	14,580	3.72	542	1-73		23	764	.05	35	60
21-08-0874	6995520	1440547	11-67	3	305	19,900	3.71	739	11	15,497	3.62	561	1-73		36	631	.07	33	53
21-08-0874	7443570	1427381	11-69	1	305	18,140	3.91	710	9	13,510	3.63	490	5-72		36	1,039	.07	48	83

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR O	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-08-0888	6895290	1348259	2-67	4	305	20,575	3.44	708	21	14,945	3.56	535	3-73	44	946	-.02	31	$ 64
21-08-0899	6642316	010287687	11-66	4	302	22,835	2.95	673	13	16,000	3.91	626	5-72	30	1,081	-.18	11	53
21-08-0901	7283056	1458744	9-68	2	305	19,125	3.20	612	13	15,140	3.56	539	1-72	40	815	-.05	21	51
21-08-0941	8090586	1427381	7-70	1	288	16,290	3.26	531	6	13,110	3.65	478	11-72	36	925	.01	35	67
21-08-0941	8090588	1427381	7-70	1	277	15,410	3.89	599	6	13,110	3.65	478	11-72	36	859	.06	40	68
21-08-0949	6390745	1348259	9-65	5	302	21,362	3.65	779	29	17,980	3.48	625	12-72	44	762	.03	32	58
21-08-0949	6489472	1348259	12-65	4	294	22,863	3.38	773	28	18,775	3.58	672	2-72	44	850	-.03	26	56
21-08-0949	8173462	1408080	9-70	1	305	23,180	3.41	790	20	17,060	3.37	575	3-73	36	807	-.03	24	53
21-09-0004	6846857	1348259	3-67	3	305	22,233	3.51	781	29	17,143	3.69	633	10-72	42	892	-.02	29	61
21-09-0004	7182587	1350848	8-68	3	305	21,987	3.83	843	25	17,693	3.62	641	3-73	41	809	-.01	28	56
21-09-0025	7310027	1278644	9-68	2	305	26,200	2.65	693	35	19,200	3.40	653	5-72	40	1,134	-.18	12	56
21-09-0025	7412614	1493425	3-69	2	305	24,605	3.07	756	54	18,230	3.45	629	10-72	25	898	-.09	19	52
21-09-0025	7412617	1433675	5-69	2	305	24,220	3.15	764	47	18,325	3.42	626	1-73	39	841	-.03	26	56
21-09-0025	7729532	010275932	3-68	2	305	25,695	2.98	766	42	18,630	3.43	639	8-72	40	912	-.06	23	56
21-09-0236	6451424	1463996	4-65	5	305	19,624	3.55	696	9	13,678	3.38	463	3-73	37	780	.01	29	56
21-09-0274	6970298	1458744	11-67	3	268	20,150	3.47	700	12	16,693	3.41	570	5-72 B	42	832	-.01	29	58
21-09-0274	7540783	1427381	10-69	2	305	22,995	3.05	702	13	16,025	3.51	563	1-73	40	1,403	-.03	45	95
21-09-0274	7540784	1427381	10-69	2	305	19,630	3.91	767	14	15,930	3.49	556	12-72	40	1,069	.09	52	87
21-09-0274	7762992	1427381	4-70	1	305	17,200	3.84	660	16	15,180	3.45	523	10-72	36	869	.07	42	71
21-09-0274	7762994	1427381	10-70	1	305	20,190	3.22	651	9	15,550	3.53	549	1-73	36	1,070	.01	40	77
21-09-0548	7154779	1419528	7-68	3	305	17,267	4.57	789	36	14,707	3.94	579	9-72	42	526	.13	38	53
21-09-0999	5862457	1406649	7-63	7	301	22,273	3.52	785	33	16,254	3.77	613	4-72	36	1,023	.01	38	73
21-09-0999	6688229	1488608	10-66	3	305	21,106	4.23	893	40	17,080	3.64	621	3-72	35	707	.15	49	70
21-09-0999	6768477	1488608	3-67	4	302	21,015	3.53	742	46	16,962	3.70	627	10-72	37	745	.02	30	55
21-09-0999	6868824	1477670	7-67	3	305	21,677	4.11	891	49	16,543	3.78	626	3-73	29	787	.08	41	66
21-09-0999	7017662	1484575	10-67	3	305	22,250	3.54	787	37	16,480	3.77	622	7-72	32	1,119	-.03	36	76
21-09-0999	7017665	1488608	10-67	3	285	19,080	4.43	846	25	16,960	3.66	620	3-72	35	456	.18	43	55
21-09-0999	7231184	1393031	11-68	3	305	23,256	3.29	766	47	17,236	3.82	658	11-72	42	999	-.14	14	52
21-09-0999	7262628	1484575	2-69	2	305	20,510	3.31	678	39	16,015	3.78	606	10-72	29	871	-.07	21	53
21-09-0999	7262629	1484575	2-69	2	305	19,675	3.74	736	39	16,015	3.78	606	10-72	29	770	.00	28	55
21-09-0999	7262630	1484575	3-69	2	303	19,990	3.59	717	48	16,030	3.77	605	9-72	29	807	-.02	26	55
21-09-0999	7262631	1484575	3-69	2	305	20,175	3.83	772	43	15,615	3.80	593	1-73	29	870	.02	34	64
21-09-0999	7396571	1484575	5-69	2	305	19,965	3.29	657	43	15,750	3.77	594	9-72	29	831	-.06	20	51
21-09-0999	7396572	1484575	5-69	2	305	21,160	3.77	798	35	15,940	3.80	606	11-72	29	957	.01	36	69
21-09-0999	7428659	1538938	8-69	2	296	19,205	4.76	914	32	15,900	3.82	607	3-73	31	547	.18	47	62
21-09-0999	7428660	1538938	8-69	2	305	23,395	3.83	896	36	16,765	3.82	641	12-72	31	957	.05	42	74
21-10-0022	6967622	1488604	11-67	3	290	21,663	3.78	818	53	17,503	3.88	679	12-71	39	920	-.01	32	64
21-10-0022	7238361	1375967	8-68	2	305	24,720	3.07	760	35	16,285	3.89	634	6-72	40	1,086	-.17	13	55
21-10-0022	7238367	1499133	8-68	2	305	19,835	3.64	722	42	16,980	3.90	662	2-72	37	993	-.07	25	61
21-10-0022	7600666	1522946	11-69	1	305	22,230	3.38	752	34	14,560	3.91	570	9-72	23	845	-.05	22	53
21-10-0022	7805804	1408080	8-70	1	301	21,800	3.73	814	48	15,430	3.94	608	10-72	36	801	-.04	23	52
21-10-0024	6436562	1221835	8-65	5	305	19,002	4.30	818	25	16,474	3.94	649	3-72	44	596	.06	31	50
21-10-0024	6936951	1479593	10-67	3	305	22,116	3.51	776	23	16,470	3.98	656	1-73	39	998	-.06	26	62
21-10-0024	7370734	1516360	1-69	2	301	18,690	4.16	778	34	15,155	4.03	610	6-72	38	884	.03	37	67
21-10-0041	7343672	1501199	9-68	2	305	20,345	3.47	706	22	15,480	3.62	561	3-72	29	763	-.03	23	50
21-10-0058	8082986	1536450	1-70	1	305	21,200	3.91	829	18	15,460	3.71	573	3-72	33	968	.01	37	70
21-10-0073	7665608	1312008	6-70	1	305	22,990	3.53	811	18	15,170	3.59	544	1-73	36	685	.05	32	55
21-10-0074	7233405	1404202	11-68	2	305	23,135	3.38	783	20	17,895	3.56	637	10-72	40	922	-.08	20	54
21-10-0078	7311962	1377691	4-68	2	305	22,020	3.69	812	17	15,485	3.75	581	4-72	40	890	-.01	30	61
21-10-0084	6762402	1348259	11-65	6	293	20,445	3.70	757	38	16,487	3.78	624	12-72	44	798	.01	30	58
21-10-0086	6184396	1393997	7-64	6	302	25,073	3.51	880	27	18,453	3.63	669	5-72	44	1,251	-.02	42	86
21-10-0086	6184407	1440334	11-64	6	305	23,373	3.52	822	30	18,620	3.65	679	9-72	35	954	-.01	33	66
21-10-0086	6328934	1440334	2-65	5	305	23,202	3.87	898	33	18,234	3.67	669	6-72	35	975	.07	46	78
21-10-0086	6674721	1393997	11-66	5	303	23,412	3.66	857	36	18,972	3.58	679	1-73	44	980	.02	38	72
21-10-0086	7436883	1393997	2-69	3	305	21,953	3.35	736	51	18,536	3.53	654	1-73	42	788	-.03	24	52
21-10-0086	7436885	1393997	11-69	2	305	24,310	3.56	865	50	18,250	3.51	640	11-72	40	1,001	.01	37	72
21-10-0086	7441028	1465602	1-67	4	301	22,825	3.61	825	38	17,598	3.67	646	7-72	30	885	-.01	31	62
21-10-0139	5833285	1085978	5-63	6	305	22,012	3.71	816	14	17,010	3.54	603	10-72	44	958	.02	38	71
21-10-0144	6736076	1312008	10-66	3	296	20,690	4.02	832	20	17,477	3.70	647	3-72	42	520	.10	34	50
21-10-0144	6793321	1377691	3-67	4	302	20,182	3.95	797	28	17,092	3.73	638	11-72	44	640	.03	28	50
21-10-0144	7634092	1544708	7-70	1	305	18,620	4.02	748	35	16,550	3.61	598	8-72	31	676	.08	36	58
21-10-0189	6978621	1273756	9-67	3	305	17,420	3.57	622	24	14,307	3.55	508	9-72	42	648	.03	28	50
21-10-0201	6794260	1348259	2-67	3	305	21,307	3.67	781	21	18,047	3.68	664	3-72	42	702	.01	27	51
21-10-0203	6147607	1393997	10-64	6	303	20,265	3.72	754	28	17,170	3.68	631	5-72	44	758	.02	30	56
21-10-0203	6509066	1393997	5-65	5	295	19,908	4.44	883	35	17,788	3.71	660	9-72	44	647	.14	44	63
21-10-0203	6963723	1303348	2-68	3	305	22,913	3.78	865	41	17,193	3.73	642	11-72	39	764	.01	29	55
21-10-0203	7047169	1393997	3-68	3	305	20,380	4.22	860	25	18,490	3.58	662	1-73	42	609	.11	38	57
21-10-0203	7382375	1504551	9-69	2	305	21,705	3.70	802	57	17,070	3.72	635	10-72	32	845	.02	33	62
21-10-0203	7396635	1504551	10-67	3	296	22,500	3.73	839	19	17,393	3.67	638	4-72	34	986	.03	40	74
21-10-0203	7493999	1504551	3-68	3	305	21,323	3.65	778	28	17,473	3.74	653	8-72	34	823	.01	31	59
21-10-0207	7741887	1387978	9-69	2	291	22,355	3.48	778	41	17,760	3.74	664	11-72	40	924	-.03	28	61
21-10-0221	4668482	1235160	2-56	6	305	22,135	3.57	790	47	17,670	3.58	633	4-72	34	841	.00	30	59
21-10-0221	5923874	1199324	8-63	7	304	18,627	4.02	748	48	16,943	3.64	616	6-72	44	699	.05	33	56
21-10-0221	6003436	1199324	11-63	7	305	19,483	3.65	711	44	17,376	3.62	629	10-72	44	765	.00	27	54
21-10-0221	7127860	1261857	10-66	5	302	20,288	3.84	779	47	18,438	3.63	669	11-72	44	631	.09	36	56
21-10-0221	7174582	1330987	12-66	3	305	24,140	3.60	870	44	18,140	3.59	651	9-72	42	1,021	.04	43	78
21-10-0221	7174585	1417208	1-67	4	303	20,983	3.68	773	38	18,225	3.59	654	3-73	44	742	.02	30	55
21-10-0221	7421164	1454921	9-68	3	302	21,363	3.62	774	38	17,720	3.61	640	9-72	33	778	-.01	26	53
21-10-0221	7579205	1530391	8-68	3	305	22,653	3.56	807	35	17,873	3.62	647	2-73	32	838	-.02	27	57
21-10-0221	7665622	1308570	3-69	2	293	21,725	3.84	835	29	17,695	3.57	632	3-73	34	681	.06	33	55
21-10-0222	6983971	1278644	9-67	4	305	22,113	3.36	743	37	16,393	3.59	589	12-72	44	1,062	-.08	25	64
21-10-0228	5696717	1245520	11-62	8	303	21,000	3.32	698	23	15,409	3.54	545	10-72	44	965	-.07	24	59
21-10-0230	7236088	1511473	9-68	2	305	22,270	3.49	777	57	17,070	3.50	598	5-72	25	720	-.01	25	50
21-10-0230	7433908	1348259	2-68	3	293	20,467	3.48	713	54	16,593	3.51	583	8-72	42	739	.00	26	52
21-10-0230	7433912	1348259	9-68	3	301	24,177	3.45	833	46	17,757	3.54	628	3-73	42	1,059	-.01	36	73

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-10-0230	7688401	1348259	1-69	2	305	22,235	3.52	783	19	17,705	3.51	622	4-73		40	779	.01	29	$ 56
21-10-0230	7688403	1529721	9-69	2	305	22,395	3.47	776	87	17,215	3.56	612	12-72		38	793	-.04	23	52
21-10-0231	7120243	1404931	3-68	3	297	19,786	3.62	716	23	15,213	3.66	557	11-72		42	818	-.05	21	51
21-10-0243	5947425	1085978	12-63	6	302	19,857	3.55	705	24	14,502	3.61	524	11-72		44	939	-.01	32	65
21-10-0245	5707578	1085978	11-62	6	302	20,103	3.49	701	26	15,492	3.67	568	2-72		44	869	-.03	27	58
21-10-0245	7265617	1348259	11-68	3	290	20,110	3.39	681	29	15,903	3.63	578	2-73		42	762	-.03	23	50
21-10-0263	7474195	1427381	8-69	2	296	16,510	3.73	615	27	14,765	3.59	530	11-72		40	847	.06	39	67
21-10-0291	6065906	1245520	10-63	8	294	20,048	3.35	671	14	15,443	3.57	551	1-73		44	838	-.07	20	51
21-10-0291	6814454	1404202	4-67	4	305	20,065	3.49	701	13	15,697	3.50	549	10-72		44	872	-.06	22	54
21-10-0304	7072073	1418927	1-68	2	305	22,455	3.86	867	40	15,440	3.63	561	4-72		40	853	.05	38	67
21-10-0306	5957366	1239886	1-63	6	273	18,560	4.05	751	13	15,317	3.64	557	9-72		44	546	-.09	34	51
21-10-0318	7371678	1530708	3-69	2	305	20,725	3.25	673	20	14,125	3.62	511	11-72		25	823	-.06	20	50
21-10-0322	7562611	1427381	9-69	2	305	19,460	3.48	678	17	16,795	3.79	637	10-72		40	982	.00	36	70
21-10-0329	6167905	1231982	3-64	6	299	22,533	3.57	805	34	15,190	3.67	557	12-72		44	1,069	-.02	36	74
21-10-0329	6381650	1273756	10-65	5	300	18,626	3.69	688	25	15,460	3.62	559	4-72		44	716	.03	31	55
21-10-0329	6698408	1308429	7-66	5	300	21,248	3.60	765	40	15,616	3.69	577	10-72		44	864	-.05	24	55
21-10-0329	7244967	1278644	8-68	3	305	21,723	3.38	734	39	16,830	3.64	613	12-72		42	933	-.09	20	55
21-10-0329	7833368	1534096	7-69	1	305	23,650	3.78	895	35	16,710	3.50	585	6-72		22	791	.05	36	62
21-10-0419	7001524	1479433	6-67	3	305	20,703	3.64	754	12	16,130	3.68	593	7-72		38	732	.00	27	52
21-10-0471	6732816	1348259	2-67	4	305	20,593	3.74	771	23	17,213	3.76	647	10-72		44	724	.01	28	53
21-10-0471	7503183	1536450	1-70	1	305	19,790	3.36	665	44	15,770	3.74	590	7-72		33	837	-.05	23	53
21-10-0608	7326323	1290716	11-68	2	291	20,370	4.24	863	47	15,655	3.68	576	8-72		40	491	.17	43	56
21-10-0608	7419422	1404202	8-69	2	305	20,205	3.71	749	41	15,695	3.73	585	9-72		40	803	-.05	21	50
21-10-0608	7592524	1408080	5-70	1	305	21,820	3.68	804	47	15,150	3.74	567	9-72		36	820	-.03	25	54
21-10-0681	6023839	1330657	11-63	6	305	20,552	3.71	763	34	15,863	3.74	594	7-72		35	843	.00	31	60
21-10-0681	6224236	1440398	12-64	6	304	21,733	3.76	817	30	15,547	3.74	581	9-72		36	997	.05	43	77
21-10-0723	7319391	1521839	9-68	3	302	22,613	3.31	749	48	18,490	3.64	673	1-73		33	772	.00	28	55
21-10-0723	7504700	1521839	7-69	2	305	24,640	3.64	897	41	17,840	3.69	659	2-73		30	1,008	.06	45	79
21-10-0723	7714553	1458744	8-70	1	305	26,380	3.14	829	60	17,900	3.67	657	11-72		36	1,106	-.07	29	69
21-10-0727	6616230	1278644	10-64	5	305	23,676	3.38	801	19	16,818	3.62	608	8-72		44	1,249	-.09	31	77
21-10-0727	7666286	1312008	11-68	3	298	26,573	3.52	935	21	20,027	3.60	720	11-72		42	962	.03	40	73
21-10-0912	7209081	1312008	11-68	2	305	19,130	3.55	680	65	13,695	3.61	494	10-72		40	621	.04	29	50
21-10-0912	7549656	1404202	10-69	2	305	19,070	3.56	679	74	13,955	3.64	508	2-73		40	829	-.06	20	50
21-10-0928	6425700	1348259	7-65	5	305	23,846	3.72	887	12	20,118	3.76	757	10-72		44	862	.01	33	63
21-10-0978	6864020	1261857	5-67	3	305	19,450	3.78	736	30	16,067	3.66	588	3-72		42	728	.07	37	61
21-10-0978	7109566	1154946	6-68	3	305	22,483	3.38	761	27	15,940	3.71	592	11-72		42	936	-.07	23	57
21-11-0010	6653342	1278644	11-66	5	305	21,472	3.50	752	24	15,674	3.43	537	9-72		44	1,083	-.04	32	71
21-11-0010	7192649	1509548	11-68	2	305	21,025	2.95	620	39	15,915	3.37	537	9-72		37	963	-.07	24	59
21-11-0022	6694279	1458744	12-66	3	305	19,633	3.34	655	20	15,996	3.64	582	3-72		42	836	-.05	23	53
21-11-0052	6947367	1383311	11-67	3	305	24,740	4.01	991	13	18,463	3.56	657	4-72		42	887	.07	43	72
21-11-0052	6995494	1389471	2-68	3	305	24,410	3.17	775	17	18,737	3.65	683	3-73		42	891	-.10	16	50
21-11-0052	7235953	1375967	7-68	2	305	22,945	4.00	918	15	18,495	3.66	676	4-72		40	726	-.01	25	50
21-11-0052	7491677	1419520	9-69	1	305	22,580	3.50	791	49	17,370	3.56	619	8-72		36	681	.02	28	51
21-11-0067	6291656	1330987	10-64	5	302	21,390	3.55	760	24	16,152	3.62	584	5-72		44	956	.02	38	71
21-11-0067	6407740	1038509	10-65	3	305	24,757	3.64	900	22	16,777	3.59	602	5-72		42	1,179	-.02	39	81
21-11-0067	6795635	1122127	2-67	4	305	22,315	3.43	766	35	17,133	3.57	611	1-73		44	987	-.06	26	62
21-11-0067	7195190	1148993	9-68	3	305	22,617	3.72	841	27	17,880	3.53	632	3-73		41	812	.04	36	63
21-11-0067	7321837	1504175	5-69	2	305	23,485	3.68	864	18	18,340	3.62	663	3-73		25	745	.01	29	55
21-11-0067	7457596	1308101	1-70	1	305	22,210	3.35	743	27	17,300	3.55	615	9-72		36	1,018	-.04	30	67
21-11-0067	7479796	1489981	11-69	1	305	23,790	3.37	802	33	17,520	3.53	619	10-72		35	657	.07	34	55
21-11-0082	7151349	010260599	9-68	3	305	22,593	3.73	842	29	17,930	3.74	670	11-72		42	803	-.04	23	52
21-11-0082	7282502	1348259	12-68	2	305	24,360	3.66	891	21	18,730	3.63	680	5-72		40	912	.01	35	66
21-11-0087	6763284	1237057	10-66	5	295	20,384	3.20	653	61	13,488	3.23	436	10-72		44	1,043	-.07	27	65
21-11-0095	6150016	1252934	10-64	6	305	22,515	3.38	762	27	17,778	3.65	649	7-72		44	815	-.03	24	53
21-11-0095	6441715	1278644	9-65	6	301	22,330	3.56	796	25	18,705	3.70	693	1-73		44	881	-.06	22	54
21-11-0095	7169110	1348259	7-68	3	305	22,323	3.68	822	18	19,057	3.85	733	2-73		42	726	-.01	25	50
21-11-0095	7236863	1348259	8-68	3	304	21,537	3.68	793	29	17,440	3.73	650	8-72		42	784	.01	29	56
21-11-0095	7424573	1348259	7-69	2	305	22,060	3.98	878	33	16,820	3.84	646	8-72		40	833	.04	36	64
21-11-0099	6949183	1404202	9-67	4	305	24,505	2.97	729	43	16,450	3.53	580	1-73		44	1,346	-.16	23	74
21-11-0101	6931348	1278644	9-67	3	305	20,987	3.53	740	46	16,497	3.59	592	7-72		42	879	-.06	23	55
21-11-0101	7454650	1404202	10-69	1	305	23,670	3.13	742	55	16,350	3.54	579	8-72		36	916	-.11	16	51
21-11-0105	7191028	1404202	11-68	3	304	21,210	3.42	725	16	16,696	3.54	591	2-73		42	880	-.08	20	53
21-11-0118	6272162	1192713	10-64	5	305	26,424	3.55	939	23	18,746	3.61	676	3-73		44	1,298	-.01	45	90
21-11-0118	6272170	1085978	11-64	5	305	20,632	3.80	784	23	17,920	3.63	650	9-72		44	687	.03	29	52
21-11-0118	6742589	1223243	9-66	4	305	22,628	3.84	869	26	18,250	3.59	655	4-72		43	875	.04	38	67
21-11-0118	6833775	1458744	2-67	3	220	21,266	3.57	759	24	18,080	3.56	643	11-72		42	832	-.01	29	58
21-11-0118	7072473	1225575	3-68	3	301	24,560	3.56	874	28	18,927	3.51	664	1-73		42	858	.01	33	63
21-11-0118	7072477	1399824	4-68	3	305	28,463	3.24	923	34	18,613	3.50	652	10-72		42	1,529	-.04	48	102
21-11-0118	7511706	1399824	1-70	1	305	21,380	3.83	819	33	17,220	3.52	606	7-72		36	684	.05	32	55
21-11-0118	7511709	1242221	11-69	2	305	21,225	3.27	695	38	18,535	3.52	652	9-72		38	983	-.04	29	64
21-11-0121	6176845	1330987	11-64	6	305	20,758	4.16	863	20	18,281	3.60	659	12-72		44	655	.13	44	64
21-11-0121	7457064	1427381	9-69	2	279	20,845	3.47	723	21	17,780	3.69	656	10-72		40	1,042	.01	39	75
21-11-0121	7457065	1427381	10-69	2	302	18,620	3.64	678	15	16,695	3.70	617	8-72	B	40	905	.04	38	69
21-11-0121	7457066	1427381	12-69	2	275	19,925	3.49	696	21	17,780	3.69	656	10-72		40	949	.02	37	70
21-11-0121	7740297	1427381	4-70	1	305	21,820	3.97	867	7	15,690	3.71	589	6-72		36	1,171	.08	54	93
21-11-0134	7396574	1493686	7-69	2	304	21,135	3.11	658	42	14,820	3.51	520	12-72		40	1,020	-.04	31	67
21-11-0171	7159633	1458744	9-68	2	305	18,440	3.87	713	34	15,990	3.41	545	11-71		40	676	.04	31	53
21-11-0171	7325466	1493686	10-68	3	305	19,793	3.44	680	28	16,593	3.47	575	3-73		42	776	.01	30	57
21-11-0171	7325468	1399824	11-68	3	276	20,630	3.24	668	29	16,743	3.42	573	2-73		42	801	-.02	26	54
21-11-0178	5719326	1239886	11-62	4	305	22,593	3.60	814	26	17,040	3.54	603	11-72		44	857	.04	37	66
21-11-0178	6207512	1413724	3-64	5	305	20,474	3.59	734	23	16,654	3.55	592	10-72		36	712	.02	28	52
21-11-0178	6872288	1276654	11-65	5	305	21,364	3.62	773	28	17,094	3.49	596	12-72		44	728	.02	29	54
21-11-0190	6268169	1085978	1-65	5	300	19,498	3.55	693	14	15,756	3.79	597	9-72	B	44	764	-.03	23	50
21-11-0190	6991369	1458744	10-67	3	282	19,553	3.71	726	17	15,940	3.77	601	1-72	H	42	832	-.01	29	58
21-11-0190	7611364	1458744	12-69	2	200	18,680	3.53	659	7	15,055	3.68	554	3-73	B	40	777	-.02	25	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
21-11-0190	7713353	1458744	5-70	1	156	21,550	3.56	768	11	15,170	3.72	565	1-73	B	36	909	-.02	30	$ 62
21-11-0203	7416251	1509548	11-68	2	235	19,135	3.63	694	21	16,620	3.44	571	12-71	B	37	701	.02	29	93
21-11-0211	6985170	1467649	9-67	4	298	21,018	3.24	680	35	16,115	3.50	564	9-72		35	888	-.05	24	56
21-11-0211	7238553	1348259	10-68	2	298	19,565	3.85	753	28	15,335	3.53	542	3-72		40	701	.04	32	55
21-11-0233	6683428	1278644	10-66	5	296	21,550	3.35	723	11	15,072	3.42	515	3-73		44	1,155	-.07	31	73
21-11-0253	6327015	1242163	3-65	1	305	24,530	3.57	875	33	16,260	3.80	618	12-72		36	999	-.13	16	54
21-11-0253	6793857	1348259	3-67	4	305	19,403	4.07	790	51	15,670	3.70	580	10-72		44	728	.07	37	61
21-11-0258	6881663	1261857	9-67	3	303	16,620	3.60	598	14	13,450	3.46	466	1-73		42	643	.06	33	54
21-11-0261	7187860	1273756	10-68	2	298	20,420	3.63	742	48	17,195	3.61	620	11-72		40	687	.03	30	53
21-11-0261	7234309	1261857	1-69	2	302	23,260	3.13	727	46	17,170	3.61	619	9-72		40	986	-.02	32	67
21-11-0265	6438448	1278644	10-65	5	303	20,306	3.60	732	17	15,722	3.67	577	7-72		44	927	-.05	26	59
21-11-0268	6698184	1261857	10-66	4	304	19,490	4.02	783	18	17,793	3.69	656	9-72		44	586	.10	37	55
21-11-0268	7395473	1261857	7-69	2	305	22,475	4.00	898	27	17,105	4.05	692	11-72		40	912	.07	44	74
21-11-0284	6688640	1469651	10-66	4	297	19,225	3.51	674	22	13,085	3.54	463	2-72		35	1,000	-.04	30	66
21-11-0292	6646227	1278644	9-66	5	300	20,824	3.53	736	34	16,926	3.57	604	11-72		44	870	-.05	23	55
21-11-0292	7975871	1458744	11-70	1	305	21,250	3.46	735	37	16,650	3.60	599	10-72		36	798	-.02	25	53
21-11-0308	7146603	1427381	9-68	3	304	20,863	3.35	698	6	17,170	3.45	592	1-73		42	1,128	.02	43	82
21-11-0344	7256640	1347940	1-68	2	294	20,060	3.24	650	40	16,465	3.52	579	8-72		40	870	-.03	26	57
21-11-0344	7613978	1347940	4-69	2	296	18,605	3.20	595	24	15,895	3.45	549	3-73		40	769	-.03	23	51
21-11-0349	6555684	1348259	10-65	1	305	23,460	3.60	845	6	16,010	3.57	571	5-72		36	849	.01	32	61
21-11-0351	7694938	1458744	12-70	1	305	18,690	3.36	628	19	13,820	3.57	493	2-73		36	776	-.03	23	51
21-11-0354	6157732	1278644	10-64	5	259	17,820	3.40	605	18	13,406	3.54	475	2-73	B	44	846	-.07	20	51
21-11-0354	8208018	1555518	11-70	1	117	19,070	4.21	803	25	11,910	3.93	468	1-73	B	19	629	.05	31	52
21-11-0480	6196170	1389471	11-64	6	305	23,017	3.44	792	41	18,505	3.53	653	4-73		44	822	-.04	23	53
21-11-0480	7069196	1348259	4-68	3	305	24,823	3.32	823	44	18,773	3.43	644	12-72		42	1,040	-.03	33	70
21-11-0480	7149988	1404202	7-68	2	305	23,735	3.27	777	68	18,165	3.44	624	10-71		40	961	-.09	21	57
21-11-0480	7206898	1516360	11-68	3	305	22,206	3.56	791	34	19,576	3.43	671	2-73		40	913	.01	35	66
21-11-0480	7312601	1506395	12-68	2	305	22,025	3.56	784	32	18,230	3.36	612	6-72		29	584	.07	32	51
21-11-0480	7634943	1419528	7-70	1	305	23,150	3.50	811	57	18,460	3.39	626	10-72		36	659	.03	29	51
21-11-0480	7634944	1419528	8-70	1	305	20,930	4.33	906	61	18,120	3.38	612	9-72		36	514	.12	36	51
21-11-0484	6698207	1458744	10-66	4	305	22,080	3.56	786	22	14,367	3.79	545	4-73		44	1,324	-.03	43	90
21-11-0484	6833779	1477071	3-67	3	305	20,337	4.13	839	30	15,793	3.67	580	4-72		32	626	.12	41	60
21-11-0484	7058284	1458744	1-68	3	305	17,663	3.73	659	26	14,496	3.76	545	4-73		42	748	-.01	26	52
21-11-0484	7582287	1496265	4-70	1	305	23,930	3.46	827	25	15,320	3.68	564	9-72		24	825	-.04	23	53
21-11-0654	5981560	1085978	6-63	7	295	18,229	3.25	592	38	13,756	3.53	485	7-72		44	806	-.05	21	50
21-11-0654	6972689	1278644	9-67	3	305	20,307	3.24	657	31	14,310	3.37	482	6-72		42	1,002	-.08	23	60
21-11-0655	6683425	1348259	12-66	4	305	20,113	3.18	639	41	15,348	3.36	516	11-72		44	849	-.04	25	55
21-11-0655	6972648	1278644	10-67	4	297	20,665	3.19	659	38	15,710	3.42	537	2-73		44	951	-.09	20	55
21-11-0694	6866189	1348259	8-67	3	305	22,753	3.39	772	20	16,707	3.67	613	6-72		42	991	-.04	30	65
21-11-0694	6897123	1403693	10-67	4	305	22,475	3.62	814	25	17,303	3.58	620	1-73		42	667	.05	32	54
21-11-0694	6897125	1348259	10-67	2	275	22,550	3.53	797	20	16,525	3.69	610	7-72		40	907	-.01	31	63
21-11-0694	7330300	1419528	5-69	2	305	22,015	4.04	889	13	16,865	3.58	604	5-72		40	806	.09	43	69
21-11-0694	7418256	1308101	11-69	2	304	19,935	3.81	760	26	17,295	3.61	625	10-72		40	899	.00	33	64
21-11-0694	7641253	1308101	7-70	1	305	21,030	3.59	756	25	16,980	3.66	622	10-72		36	950	-.03	30	64
21-11-0727	5777006	1085978	1-63	6	305	19,712	3.89	767	27	17,108	3.55	610	7-72		44	644	.05	31	52
21-11-0727	5974277	1419311	12-63	7	304	21,516	3.45	743	27	16,853	3.58	604	5-72		32	810	-.03	25	54
21-11-0727	6912866	1377691	6-67	3	305	22,866	3.60	824	31	17,410	3.53	614	2-72		42	893	.00	32	63
21-11-0737	6170485	1308091	9-64	5	305	22,358	3.26	729	36	16,166	3.64	588	10-72		44	952	-.09	20	55
21-11-0737	6344124	1085978	4-65	5	305	21,926	3.29	721	36	16,706	3.43	573	3-72		44	979	-.04	29	64
21-11-0737	6831589	1406271	3-67	3	305	24,637	3.45	849	33	16,510	3.56	588	3-72		42	1,340	.01	49	96
21-11-0737	6879149	1282596	5-67	4	301	19,967	3.51	701	45	14,655	3.40	499	10-72		44	739	-.01	25	51
21-11-0737	6975292	1273756	8-67	4	303	20,153	3.11	626	50	15,083	3.37	509	10-72		44	928	-.03	28	61
21-11-0737	6975294	1348259	10-67	3	305	20,757	3.14	651	39	15,740	3.27	514	2-73		42	851	-.04	25	56
21-11-0737	7051725	1273756	10-67	3	305	21,097	3.14	662	35	16,180	3.28	530	5-72		42	899	-.02	30	62
21-11-0737	7628254	010275932	9-69	2	305	22,765	3.54	807	53	15,495	3.49	541	1-73		40	869	.02	35	65
21-11-0737	7768827	1404202	8-69	2	305	21,420	3.38	724	52	14,850	3.57	530	11-72		40	995	-.08	23	60
21-11-0737	7892095	1377691	5-70	1	305	23,240	3.51	815	52	14,970	3.59	537	11-72		36	844	-.02	27	57
21-11-0873	6813569	1348259	12-66	4	302	20,028	3.72	745	16	16,280	3.60	586	11-72		44	746	.03	31	56
21-11-0873	7230519	1404202	8-68	3	305	20,496	3.47	712	15	16,003	3.64	582	8-72		42	861	-.08	19	51
21-11-0883	6371654	1085978	12-64	5	305	18,748	3.56	668	22	14,330	3.55	509	4-72		44	814	.00	29	57
21-11-0883	6605468	1085978	12-65	5	302	17,948	3.84	689	29	14,742	3.50	516	11-72		44	668	.04	30	52
21-11-0883	7635879	1419528	10-68	2	302	19,075	3.58	683	24	14,615	3.52	514	10-72		40	690	.03	30	53
21-12-0026	7345352	1404931	10-68	2	305	23,380	3.38	791	8	15,350	3.66	562	4-72		40	1,118	-.09	26	67
21-12-0031	6699186	1278644	8-66	5	300	20,022	3.75	751	19	17,006	3.66	622	11-72		44	758	-.03	23	50
21-12-0031	7114914	1404202	8-68	3	305	23,776	3.51	835	19	17,683	3.69	652	12-72		42	1,004	-.08	27	67
21-12-0031	7257465	1427381	2-69	2	293	21,595	3.76	813	15	16,440	3.70	682	2-72		40	1,065	.05	46	82
21-12-0031	7615973	1427381	7-70	1	305	20,360	3.30	672	20	18,020	3.55	640	11-72		36	935	.02	36	68
21-12-0035	6957257	1278644	9-67	3	293	20,473	3.10	634	21	15,227	3.35	510	12-72		42	936	-.10	18	53
21-12-0036	6704932	1348259	9-66	4	305	17,828	3.61	643	32	13,975	3.48	486	7-72		44	702	.02	28	52
21-12-0042	5809220	1085978	12-62	7	305	27,129	3.53	957	14	23,150	3.60	833	9-72		44	985	-.02	32	67
21-12-0042	6419305	1239886	7-65	5	305	26,184	3.42	896	21	23,054	3.53	814	1-72		44	731	.00	26	52
21-12-0042	6732469	1278644	9-66	5	305	27,312	3.36	919	22	23,012	3.51	807	11-72		44	1,079	-.08	26	66
21-12-0042	6779680	1278644	11-66	4	305	27,308	3.30	900	17	24,088	3.54	853	11-72		44	943	-.10	18	53
21-12-0042	6983624	1278644	9-67	4	303	26,855	3.40	913	25	23,100	3.45	798	8-72		44	985	-.07	25	61
21-12-0042	6983626	1404931	10-67	3	305	28,203	3.39	955	20	23,270	3.43	798	8-72		42	1,045	-.07	26	64
21-12-0042	7242375	1404202	8-68	2	305	30,040	3.38	1015	18	23,305	3.45	803	10-71		40	1,184	-.07	31	74
21-12-0042	7242376	1348259	7-68	3	305	27,430	3.66	1003	16	23,747	3.43	814	12-72		42	882	.04	38	68
21-12-0042	7459037	1348259	11-69	2	299	26,475	3.89	1031	10	23,645	3.48	822	1-73		40	727	.08	38	61
21-12-0042	7787850	1375967	6-70	1	305	32,960	3.50	1155	19	22,900	3.40	779	7-72		36	1,081	-.06	29	68
21-12-0050	6931891	1458744	11-67	4	296	21,330	3.34	712	16	15,610	3.64	568	2-73		44	1,108	-.06	31	71
21-12-0050	7099741	1404202	8-67	3	298	21,366	3.46	740	19	15,780	3.57	564	8-72		42	982	-.07	24	60
21-12-0061	6686762	1389471	1-66	5	305	22,330	3.47	775	17	17,382	3.67	638	10-72		44	849	-.05	23	54
21-12-0061	7085884	1482114	12-67	3	305	21,973	4.05	890	21	17,810	3.55	633	7-72		38	668	.08	37	58
21-12-0061	7892866	010308691	1-71	1	305	25,220	3.37	851	16	18,460	3.68	679	3-73		28	1,351	.00	49	96
21-12-0061	7892867	010308691	1-71	1	305	20,380	4.14	843	16	18,460	3.68	679	3-73		28	944	.09	48	79

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-12-0065	6758928	1458744	10-66	3	272	20,036	3.58	717	18	14,493	3.64	527	7-72		42	1,021	-.01	35	$ 71
21-12-0065	7603147	1458744	2-70	1	305	20,740	3.04	630	12	14,710	3.60	529	9-72		36	876	-.07	21	53
21-12-0080	7329914	1507569	11-68	2	305	23,740	3.10	736	24	15,755	3.40	536	6-72		39	1,001	-.11	19	57
21-12-0103	6368178	1221835	4-65	5	302	18,840	3.76	708	10	15,616	3.58	559	3-73		44	664	.02	27	50
21-12-0103	7234877	1348259	11-68	3	296	18,890	3.97	749	13	15,597	3.61	563	3-73		42	649	.06	32	53
21-12-0117	7168767	1458744	2-68	2	305	17,585	3.51	617	15	13,315	3.58	477	12-72		40	807	-.01	27	55
21-12-0160	7156066	1377691	7-68	2	305	21,585	3.13	675	19	15,260	3.22	491	9-72		40	864	-.05	23	54
21-12-0181	7189026	1357743	11-67	4	305	21,878	3.64	797	22	17,673	3.33	589	1-73		44	688	.01	27	51
21-12-0187	7782364	1427381	7-69	1	305	20,530	3.40	699	14	14,800	3.65	540	8-72		36	1,140	.02	44	83
21-12-0187	7864952	1427381	9-69	2	294	20,135	3.78	761	17	16,295	3.52	574	12-72		40	1,091	.07	50	86
21-12-0199	6347346	1452090	8-65	6	305	25,135	3.29	826	21	18,705	3.48	651	3-73		44	1,066	-.10	23	63
21-12-0199	6836335	1273756	5-67	3	305	22,927	3.13	717	23	17,980	3.53	635	12-72		42	943	-.04	27	61
21-12-0199	7105638	1348259	8-68	3	297	22,847	3.14	718	20	18,610	3.45	642	1-73		42	827	-.06	21	51
21-12-0199	7697309	1441440	10-70	1	292	23,250	3.32	773	22	18,270	3.43	627	2-73		36	752	.01	28	54
21-12-0200	6629221	1438166	5-66	5	305	22,312	3.16	706	12	17,254	3.51	606	9-72		41	889	-.10	17	50
21-12-0200	6954427	1360676	10-67	3	305	21,680	3.29	713	15	17,500	3.57	625	5-72		41	881	-.03	27	58
21-12-0200	7060420	1348259	5-68	3	305	20,773	3.45	716	13	17,083	3.51	600	8-72		42	729	-.01	25	51
21-12-0210	6492798	1236789	1-66	2	305	21,375	4.07	869	10	16,255	3.61	587	3-72		40	850	.07	41	69
21-12-0210	7422038	1236789	5-69	2	290	19,535	3.83	749	11	14,940	3.71	554	10-72	B	40	769	.03	32	58
21-12-0244	6892198	1348259	10-67	4	302	22,525	3.43	773	9	18,395	3.57	656	3-73		44	846	-.02	28	58
21-12-0244	7010191	1348259	11-67	3	305	23,797	3.54	843	26	18,840	3.41	643	8-72		42	915	.02	36	67
21-12-0244	7474440	1419528	7-69	2	305	25,515	3.40	867	28	19,110	3.40	650	8-72		40	979	.01	37	71
21-12-0244	7676859	1419528	10-70	1	305	24,220	3.50	848	12	19,170	3.50	670	3-73		36	696	.03	29	53
21-12-0245	7720407	1427381	10-70	1	305	17,290	4.22	729	15	15,610	3.55	554	10-72		36	850	.09	45	72
21-12-0256	6464672	1221835	1-66	4	305	21,335	3.21	685	15	16,625	3.52	585	4-72		44	856	-.07	20	52
21-12-0301	6827502	1389471	3-66	4	305	21,358	3.44	734	26	15,945	3.63	579	2-73		44	842	-.05	22	53
21-12-0301	7188270	1516360	11-68	1	305	23,660	3.71	877	40	16,610	3.61	599	10-72		33	1,115	.01	42	81
21-12-0305	5929495	1221835	10-63	7	305	18,506	3.71	686	29	14,790	3.59	531	10-72		44	706	.01	27	51
21-12-0305	6737041	1348259	9-66	5	302	18,026	3.74	674	42	14,482	3.40	493	10-72		44	693	.05	32	55
21-12-0305	6974233	1479593	5-67	4	305	18,715	3.58	670	38	15,082	3.46	522	1-73		41	746	.00	27	53
21-12-0305	7258970	1510512	10-68	3	305	22,573	3.30	745	30	15,476	3.59	555	2-73		39	949	-.01	33	66
21-12-0305	7288797	1540133	1-67	3	305	19,203	3.71	713	47	14,250	3.37	480	8-72		29	696	.05	32	55
21-12-0305	7493818	1510684	10-69	1	305	23,870	3.95	943	27	16,040	3.49	560	1-72		35	670	.03	28	51
21-12-0305	7530150	1536450	12-69	1	305	19,790	3.79	750	56	14,280	3.43	490	8-72		33	931	.02	36	68
21-12-0307	6640457	1278644	10-65	6	295	19,542	3.16	618	27	15,295	3.39	518	10-72		44	873	-.09	17	50
21-12-0307	7438591	1427381	9-69	2	305	18,820	3.26	614	16	15,540	3.26	506	2-73		40	1,019	.02	40	75
21-12-0330	6306143	1085978	11-64	7	303	19,800	3.81	755	16	17,163	3.64	625	4-73		44	658	.03	28	50
21-12-0330	6780958	1399850	10-66	4	305	25,800	3.67	946	23	17,618	3.59	633	9-72		43	1,159	.07	52	91
21-12-0330	6947781	1273756	7-67	4	305	20,755	3.52	730	22	17,730	3.55	629	9-72		44	741	.02	29	54
21-12-0330	7636716	1516360	11-68	2	294	20,370	3.88	790	22	16,955	3.57	606	10-72		38	909	.04	39	70
21-12-0334	7327681	1427381	12-68	2	305	19,365	3.24	627	12	16,185	3.31	535	1-73		40	1,022	.01	39	74
21-12-0334	7385627	1427381	8-69	2	297	18,760	3.74	701	12	15,955	3.36	536	12-72		40	979	.08	47	79
21-12-0350	6832393	1377691	2-67	4	305	20,637	3.30	680	27	16,035	3.49	559	10-72		44	801	-.05	21	50
21-12-0355	5801557	1239086	12-62	7	305	20,971	3.69	773	25	16,764	3.50	587	1-72		44	708	.06	34	57
21-12-0355	6208856	1239086	9-64	5	303	21,922	3.09	678	20	16,304	3.52	574	5-72		44	878	-.06	23	55
21-12-0355	6208858	1235022	9-64	6	299	20,987	3.52	738	27	16,823	3.52	593	1-73		44	705	.02	28	52
21-12-0355	6487243	1348259	10-65	5	305	21,902	3.42	748	28	17,534	3.47	609	8-72		44	878	-.01	30	61
21-12-0355	7332659	1499497	1-69	2	305	22,405	3.32	744	19	16,990	3.53	600	11-72		29	807	-.04	23	52
21-12-0362	5771934	1244845	1-63	7	305	20,444	4.01	820	9	17,299	3.81	659	4-72		44	662	.02	27	50
21-12-0371	6384309	1441303	12-64	5	305	26,346	3.60	949	23	17,760	3.61	641	12-72		32	1,461	.00	53	104
21-12-0371	6452593	1416743	10-65	3	305	24,290	2.84	690	21	17,266	3.61	624	9-71		38	1,015	-.13	16	55
21-12-0371	6728012	1347940	10-66	4	267	20,615	3.56	733	22	17,982	3.53	635	1-72		44	850	.00	31	61
21-12-0371	7453848	1347940	2-68	3	305	21,350	3.46	738	19	17,846	3.53	630	10-72		42	929	-.02	31	64
21-12-0371	7765542	1567480	7-70	1	305	26,770	3.27	876	27	18,660	3.42	638	11-72		19	847	-.04	25	55
21-12-0378	6640003	1389471	11-66	3	303	23,563	2.90	684	59	16,517	3.54	584	10-72		42	998	-.13	15	53
21-12-0378	7143257	1458744	6-68	3	303	20,670	3.24	670	60	16,160	3.53	571	1-73		42	940	-.06	25	59
21-12-0378	7143258	1458744	7-68	3	302	19,440	3.85	749	56	16,113	3.54	571	12-72		42	803	.03	34	61
21-12-0378	7143261	1458744	8-68	3	305	20,133	3.66	737	67	16,336	3.56	581	12-72		42	862	.01	32	62
21-12-0378	7218267	1427381	9-68	2	296	18,600	3.60	670	49	16,370	3.61	591	8-72		40	929	.04	39	70
21-12-0378	7500237	1427381	10-69	1	305	18,660	3.54	660	49	15,360	3.61	554	2-72		36	967	.03	40	73
21-12-0378	7500239	1427381	11-69	1	305	19,620	4.02	789	72	17,640	3.44	607	12-72		36	903	.09	47	76
21-12-0378	7695102	1458744	9-70	1	298	20,070	3.79	761	48	17,120	3.44	589	2-73		36	682	.02	28	51
21-12-0384	5990827	1240125	9-63	7	293	18,674	3.70	691	22	14,993	3.63	544	8-72		44	737	.00	27	53
21-12-0384	6814870	1270932	10-65	6	303	20,982	3.46	727	32	15,333	3.60	552	1-73		44	846	-.04	24	55
21-12-0384	7018646	1312008	10-67	4	305	21,513	3.37	725	38	16,243	3.55	576	11-72		44	774	.01	30	57
21-12-0388	7290438	1427381	10-68	2	305	18,285	3.65	668	15	14,480	3.51	508	8-72		40	1,051	.05	46	81
21-12-0396	6193362	1278644	12-64	6	305	17,643	3.72	657	16	13,782	3.51	484	8-72		44	784	-.01	26	54
21-12-0398	7209995	1348259	9-68	2	297	23,080	3.28	757	12	18,495	3.42	633	12-72	B	40	801	-.02	25	54
21-12-0398	7647650	1419528	8-70	1	305	23,070	3.50	808	0	18,360	3.40	624	11-72		36	659	.03	29	51
21-12-0402	6194321	1242163	8-64	6	303	23,063	3.21	740	24	16,240	3.56	578	8-72		44	1,236	-.17	18	65
21-12-0402	7218536	1278644	3-68	3	304	22,607	3.01	681	39	18,077	3.31	599	8-72		42	920	-.11	16	51
21-12-0426	7093609	1458744	2-68	1	305	22,520	3.37	758	13	12,900	3.59	463	5-72		36	1,116	-.03	35	75
21-12-0426	7347387	1458744	2-69	1	142	19,460	3.74	728	5	15,630	3.49	546	11-72	B	36	726	.01	28	53
21-12-0441	6745592	1278644	1-67	4	298	22,310	3.22	719	15	17,865	3.40	608	10-72		44	941	-.09	20	55
21-12-0474	6418423	1389471	9-65	5	305	21,308	3.72	793	28	17,558	3.53	619	12-72		44	699	.01	27	51
21-12-0474	7430826	1427381	9-69	2	305	22,220	3.33	739	17	15,955	3.50	559	3-73		40	1,330	.01	49	95
21-12-0474	7575318	1427381	10-69	2	305	18,905	3.69	697	28	15,895	3.53	561	8-72		40	999	.05	44	78
21-12-0479	6243704	1438159	2-65	5	303	21,852	3.79	829	45	17,066	3.52	601	1-72		32	836	.06	39	67
21-12-0479	6303525	1282936	4-65	5	305	22,396	3.34	748	51	16,580	3.55	589	3-72		44	938	-.04	27	61
21-12-0479	6477015	1417208	12-65	5	305	21,884	3.04	666	30	16,158	3.55	573	7-72		44	1,087	-.09	25	65
21-12-0479	6591707	1446272	5-66	5	304	21,642	3.41	739	47	16,688	3.54	590	12-72		36	932	-.04	27	61
21-12-0479	6996836	1497831	12-67	3	305	24,936	3.61	900	49	15,826	3.58	567	10-72		38	1,406	-.03	46	96
21-12-0479	7500228	1458744	1-70	1	290	21,250	3.59	762	51	16,860	3.50	590	11-72		36	786	.00	28	55
21-12-0485	7661627	1447414	3-70	1	305	19,620	3.28	643	10	16,170	3.49	565	3-73		36	887	-.05	24	56
21-12-0485	7832843	1447414	7-70	1	305	19,130	3.12	597	18	15,910	3.46	551	9-72		36	866	-.07	21	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-12-0489	6639626	1340259	6-66	5	302	22,028	3.63	800	31	18,008	3.65	658	12-72	44	845	.01	32	$ 61
21-12-0489	7212995	1419528	9-68	2	305	25,715	3.66	941	11	18,350	3.44	632	4-72	40	1,061	.05	46	82
21-12-0500	6833004	1223243	10-65	6	292	22,932	3.51	806	8	17,952	3.63	652	2-73	44	973	-.03	31	66
21-12-0500	7674701	1347940	5-69	2	305	20,840	3.56	741	6	18,070	3.61	652	12-72	40	819	.00	29	58
21-12-0500	7674703	1347940	11-69	2	298	21,095	3.56	751	5	17,210	3.57	615	11-72	40	915	.00	33	65
21-12-0505	6075213	1413472	1-64	6	296	21,827	4.31	941	23	17,837	3.76	671	3-72	36	702	.19	54	74
21-12-0505	6803771	1348259	2-67	4	296	21,053	4.04	851	20	17,765	3.83	681	2-73	44	726	.06	35	59
21-12-0522	7119255	1348259	1-68	3	305	23,317	3.30	769	30	17,900	3.42	612	12-72	42	947	-.03	30	64
21-12-0533	5525301	1252934	1-62	8	304	21,729	3.75	814	8	17,934	3.84	688	10-72	44	697	.01	27	51
21-12-0533	5763181	1239886	1-63	7	305	23,944	3.82	915	14	20,583	3.82	786	12-72	44	697	.05	32	55
21-12-0533	6899907	1282185	9-67	3	305	26,913	3.66	984	13	19,357	3.85	745	10-72	42	1,010	-.03	32	68
21-12-0533	7037326	1273756	11-67	3	305	22,357	3.63	811	9	17,450	4.00	698	5-72	42	927	-.01	32	65
21-12-0533	7222053	1477381	10-68	2	294	24,815	3.24	805	16	19,585	3.79	742	9-72	40	874	-.05	24	56
21-12-0533	7222055	1239242	1-69	2	305	25,500	3.19	813	18	19,370	3.82	740	10-72	40	869	-.09	17	50
21-12-0533	7244669	1399283	11-68	3	284	22,730	3.66	831	12	18,333	3.78	693	1-73	42	820	-.04	24	53
21-12-0543	6192027	1312008	8-64	6	305	20,875	3.39	707	31	15,985	3.45	551	6-72	44	748	.03	31	56
21-12-0546	6841527	1417208	10-65	3	305	19,867	3.63	721	15	16,867	3.50	591	5-72	42	716	.02	29	53
21-12-0546	7251996	1383311	11-67	3	305	25,497	2.74	699	14	16,757	3.60	603	6-72	42	1,131	-.16	15	59
21-12-0546	7561577	1458744	3-70	1	305	21,750	3.50	762	13	17,600	3.30	580	7-72	36	779	.00	28	55
21-12-0550	6490438	1221835	3-65	5	301	23,518	3.50	822	14	17,170	3.68	631	5-72	44	1,107	-.04	34	74
21-12-0550	7308327	1427381	1-69	2	292	21,070	3.94	830	20	18,555	3.51	652	11-72	40	1,002	.09	50	83
21-12-0550	7579895	1427381	10-69	2	298	20,670	3.74	774	24	18,765	3.48	653	7-72	40	945	.07	45	76
21-12-0550	7885428	1450228	8-70	1	305	20,990	3.33	698	27	18,050	3.48	629	8-72	36	775	-.04	22	50
21-12-0550	7885432	1427381	10-70	1	305	22,820	3.24	739	22	18,130	3.47	629	10-72	36	1,112	.01	42	80
21-12-0553	7445141	1347940	10-69	2	304	17,015	4.00	680	16	15,180	3.68	559	9-72	40	665	.04	30	52
21-12-0575	6742518	1278644	8-66	4	302	21,320	3.00	639	26	14,893	3.36	501	10-72	44	1,112	-.12	21	63
21-12-0575	6787873	1411214	3-67	4	305	21,575	3.46	746	21	15,585	3.34	521	3-73	44	753	.02	30	56
21-12-0575	7295357	1479593	2-69	2	305	18,795	3.66	688	18	15,205	3.34	508	4-73	37	675	.02	27	50
21-12-0610	5537803	1286761	10-61	3	305	21,080	3.47	732	26	15,177	3.64	553	4-72	29	857	-.02	27	57
21-12-0610	6944997	1272013	1-67	2	305	20,850	3.66	764	39	15,675	3.71	582	11-72	40	785	-.04	22	50
21-12-0611	6715674	1278644	11-66	4	303	21,540	3.21	692	5	16,183	3.55	574	4-72	44	1,012	-.10	20	58
21-12-0613	5994165	1245520	2-63	7	302	22,791	3.30	753	15	16,489	3.62	597	8-72	44	1,083	-.09	25	65
21-12-0616	7954061	1544708	9-70	1	305	17,700	3.84	680	17	14,830	3.73	553	7-72	31	714	.05	33	57
21-12-0627	6720896	1348259	1-67	4	305	17,808	3.89	693	13	14,225	3.56	506	12-72	44	675	.05	32	54
21-12-0667	7226190	1278644	2-67	3	305	21,700	3.34	725	17	16,157	3.39	548	3-72	42	992	-.07	25	61
21-12-0669	6415987	1085978	1-64	7	300	22,556	3.21	724	47	17,541	3.52	617	9-72	44	974	-.06	25	61
21-12-0669	7091328	1458744	9-67	4	303	21,572	2.89	624	55	17,612	3.35	590	11-72	44	940	-.10	18	53
21-12-0669	7091329	1458744	10-67	3	300	20,293	3.52	715	46	17,623	3.37	594	11-71	42	762	.00	28	54
21-12-0669	7204116	1458744	10-67	4	290	19,400	3.56	691	16	17,402	3.42	596	4-73	44	693	.01	26	50
21-12-0669	7512540	1406271	8-69	2	304	18,705	3.64	680	16	16,905	3.32	561	4-73	40	604	.07	32	51
21-12-0701	5699311	1259069	12-62	8	302	23,489	3.24	760	25	17,310	3.60	624	12-72	44	987	-.09	21	58
21-12-0701	6151267	1239886	8-63	2	305	25,420	4.29	1090	65	19,125	3.47	663	10-72	40	848	.16	56	81
21-12-0701	6607065	1085978	9-64	5	303	20,428	3.66	747	45	17,432	3.52	613	9-72	44	711	.02	28	52
21-12-0701	7073573	1278644	8-66	4	302	22,025	3.60	792	52	18,718	3.54	662	11-72	44	821	-.04	24	53
21-12-0701	7098379	1273756	8-67	3	305	21,940	3.39	743	58	18,773	3.48	654	9-72	42	757	.01	28	54
21-12-0701	7586268	1273756	9-68	2	305	21,205	3.62	767	55	18,925	3.47	656	10-72	40	626	.04	29	50
21-12-0701	7779241	1273756	10-68	2	305	21,330	3.53	752	45	18,515	3.45	638	8-72	40	672	.03	29	52
21-12-0734	7519322	1348259	8-69	2	305	20,675	3.58	740	27	16,185	3.61	584	11-72	40	744	.00	27	53
21-12-0737	6416746	1348259	11-65	6	304	21,918	3.30	723	29	18,348	3.49	640	12-72	44	796	-.03	24	52
21-12-0737	7635041	1408080	3-70	1	305	24,150	3.45	834	21	17,190	3.63	624	9-72	36	872	-.05	24	56
21-12-0751	6626696	1085978	9-66	5	296	23,664	3.37	798	10	19,580	3.50	686	9-72	44	907	-.04	27	60
21-12-0752	7547645	1447414	9-69	1	305	18,520	2.97	550	26	13,760	3.17	436	8-72	36	949	-.07	24	59
21-12-0754	5864319	1199324	5-63	6	294	19,363	3.67	710	59	16,028	3.54	568	11-72	44	888	.01	33	64
21-12-0754	6394622	1446272	10-65	5	305	21,286	3.68	784	64	17,542	3.54	621	11-72	36	777	.01	30	57
21-12-0754	6968491	1404931	12-67	4	305	22,040	3.22	710	81	16,837	3.48	586	11-72	44	970	-.10	19	55
21-12-0754	7143260	1458744	8-68	2	305	18,745	4.07	763	82	17,060	3.42	584	1-73	40	620	.07	33	53
21-12-0754	7394745	1347940	2-69	2	305	21,800	4.04	880	93	17,195	3.50	602	10-72	40	987	.07	47	80
21-12-0754	7394747	1458744	2-69	2	305	21,585	3.35	724	91	17,245	3.49	602	9-72	40	894	-.03	27	59
21-12-0754	7500210	1516360	1-70	2	305	21,300	3.51	747	86	17,245	3.37	581	1-73	38	983	.01	37	71
21-12-0754	7500220	1458744	10-69	1	305	20,810	4.17	868	87	17,460	3.48	608	9-72	36	717	.05	34	58
21-12-0754	7500226	1458744	12-69	1	305	21,640	3.76	814	70	16,740	3.57	597	8-72	36	822	.01	31	59
21-12-0754	7500235	1427381	10-69	1	305	19,490	4.05	789	116	17,630	3.37	595	11-72	36	894	.10	47	76
21-12-0754	7593130	1458744	4-70	1	305	25,950	2.89	750	87	17,460	3.48	608	9-72	36	1,100	-.09	26	67
21-12-0754	7593132	1458744	4-70	1	305	21,540	3.25	699	87	17,460	3.48	608	9-72	36	772	-.04	22	50
21-12-0754	7695104	1458744	10-70	1	305	22,140	3.33	737	90	17,530	3.47	608	10-72	36	812	-.03	25	54
21-12-0777	7166199	1510178	9-68	3	305	21,966	3.45	757	21	17,010	3.40	578	4-73	39	797	.05	36	63
21-12-0800	6284970	1278644	9-64	5	293	20,814	3.24	675	33	16,496	3.60	594	9-72	44	913	-.10	17	51
21-12-0800	6447370	1348259	8-65	5	303	18,734	3.94	738	18	16,286	3.59	584	5-72	44	598	.06	31	50
21-12-0800	7521832	1427381	8-69	2	299	20,535	3.59	738	36	16,320	3.60	588	9-72	40	1,130	.03	46	85
21-12-0800	7560580	1427381	10-69	1	305	19,050	3.97	757	29	16,120	3.62	584	8-72	36	951	.08	46	77
21-12-0803	6366351	1312008	9-65	5	305	21,950	3.82	838	20	17,708	3.43	607	7-72	44	709	.11	42	64
21-12-0803	6843203	010229512	3-62	3	305	22,753	3.77	858	25	18,227	3.43	626	1-72	42	693	.11	42	63
21-12-0803	6934185	1389471	12-67	2	305	23,318	3.51	819	28	18,070	3.45	624	10-72	40	752	-.02	24	51
21-12-0803	7480077	1493686	9-69	1	305	20,520	3.60	738	30	17,340	3.60	625	7-72	36	676	.03	29	52
21-12-0803	7480078	1427381	12-69	1	305	21,280	3.85	819	36	17,730	3.56	632	8-72	36	1,021	.07	47	81
21-12-0829	6167648	1085978	10-64	5	268	21,248	3.73	792	26	16,938	3.47	587	2-73	44	868	.03	36	65
21-12-0829	7489732	1348259	8-69	2	210	22,690	3.27	742	26	16,905	3.40	575	10-72	8 40	890	-.03	28	60
21-12-0845	6583871	1348259	8-65	4	297	18,795	3.63	683	11	14,878	3.50	520	3-72	44	732	.02	30	55
21-12-0852	7756543	1348259	9-70	1	305	23,540	3.31	778	29	16,060	3.47	557	10-72	36	852	-.02	28	58
21-12-0854	6214352	1085978	9-64	5	305	22,624	3.05	691	11	16,810	3.47	583	3-72	44	1,058	-.09	24	63
21-12-0859	6444770	1278644	8-65	6	305	21,587	3.28	707	16	16,253	3.58	582	12-72	44	1,038	-.10	22	61
21-12-0859	6942002	1273756	9-67	4	302	21,758	3.44	748	14	17,788	3.50	623	2-73	44	859	.01	32	62
21-12-0864	7268900	1458744	12-68	3	300	18,303	3.70	677	6	15,496	3.53	547	12-72	42	729	.01	28	53
21-12-0864	7517338	1458744	1-70	2	305	18,570	3.52	654	6	15,070	3.50	528	12-72	40	764	-.01	26	53
21-12-0864	7547024	1427381	9-69	2	292	18,530	3.65	677	11	15,830	3.52	557	8-72	40	966	.05	43	75

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-12-0875	5733779	1189870	8-62	7	300	19,417	4.11	798	14	15,631	3.71	580	8-72		44	670	.08	37	$ 58
21-12-0875	6595524	1282262	3-66	5	301	21,876	4.14	906	16	16,306	3.72	607	9-72		44	664	.09	37	58
21-12-0875	6748149	1348259	2-67	3	305	23,330	3.76	877	16	17,537	3.64	639	6-72		42	981	.03	40	73
21-12-0883	7057675	1348259	1-68	2	305	24,975	3.18	793	5	16,960	3.50	594	9-72		40	1,118	-.05	32	72
21-12-0883	7192021	1348259	10-68	2	305	24,540	2.93	720	6	17,300	3.56	616	12-72		40	1,046	-.09	23	62
21-12-0885	7119257	1312008	5-68	3	275	24,407	3.06	747	13	17,977	3.38	608	9-72		42	902	-.03	28	60
21-12-0885	7281083	1412128	1-69	2	301	26,980	2.89	780	14	17,570	3.20	563	11-72		40	1,030	-.12	19	58
21-12-0885	7459677	1404931	7-69	1	305	24,900	3.22	801	12	17,760	3.22	571	10-71		36	885	-.08	20	53
21-12-0900	7519762	1509565	12-69	2	305	23,645	3.47	820	42	18,415	3.50	645	12-72		25	758	-.01	26	53
21-12-0912	7615971	1458744	8-70	1	305	19,680	3.46	680	6	15,000	3.15	472	10-72		36	780	.01	29	56
21-12-0916	7317976	1427381	3-69	2	305	20,015	2.90	581	34	16,470	3.30	543	11-72		40	1,065	-.03	34	72
21-12-0916	7792095	1348259	9-70	1	305	26,810	3.18	853	35	16,470	3.27	539	1-73		36	1,071	-.03	34	72
21-12-0921	6923667	1459071	3-67	3	305	22,277	3.10	691	8	16,427	3.47	570	1-72		29	885	-.08	19	52
21-12-0934	6611293	1259069	1-66	5	303	21,012	3.84	806	14	17,018	3.68	627	4-73		44	698	.01	27	51
21-12-0934	7138554	1473442	9-68	3	305	21,810	3.88	846	24	17,053	3.68	628	11-72		41	919	.01	34	66
21-12-0934	7605525	1399283	1-70	2	304	22,070	3.74	825	16	17,090	3.65	623	1-73		40	792	-.01	27	55
21-13-0006	6060424	1239886	2-64	5	305	21,560	3.96	854	21	16,474	3.85	635	2-72		44	814	.06	39	66
21-13-0014	7354042	1419528	1-69	1	305	21,920	3.81	835	22	15,610	3.81	594	10-72		36	737	.04	32	57
21-13-0020	6966003	1458744	9-67	3	305	20,373	3.64	742	41	17,020	3.94	670	10-72		42	827	-.04	24	54
21-13-0020	6966004	1458744	10-67	3	305	23,730	3.86	916	37	16,813	3.95	664	11-72		42	1,232	.00	45	88
21-13-0029	7227082	1259069	1-69	2	305	21,205	3.66	776	56	14,955	3.73	558	10-72		40	771	-.02	24	51
21-13-0029	7483179	1261857	1-69	2	305	19,915	3.98	793	44	14,830	3.81	565	8-72		40	837	.08	43	70
21-13-0029	7687402	1510636	12-68	2	305	21,805	3.47	757	46	14,900	3.80	566	9-72		35	1,345	-.01	46	93
21-13-0049	7459414	1389471	5-69	2	301	24,390	3.62	883	13	18,865	3.80	716	12-72		40	796	-.04	23	52
21-13-0067	7105109	1252934	3-68	2	305	20,650	3.72	768	33	14,105	3.67	518	1-72		40	786	.02	32	59
21-13-0102	6504356	010250735	7-65	5	305	24,514	3.37	825	31	17,738	3.55	630	2-73		44	873	.02	34	64
21-13-0102	6741459	1473510	8-66	3	305	24,433	3.27	800	25	17,560	3.77	662	8-72		38	1,115	-.10	25	66
21-13-0102	6958377	1413165	7-67	4	305	22,348	3.57	798	34	18,370	3.53	649	12-72		44	883	-.08	20	53
21-13-0116	7305927	1458744	3-69	1	305	18,680	3.67	686	35	14,150	3.77	533	8-71		36	756	-.01	25	52
21-13-0116	7709513	1458744	8-70	1	305	23,710	3.07	713	30	15,320	3.69	566	1-73		36	1,023	-.08	25	63
21-13-0159	6184427	1393997	8-64	6	304	21,178	3.71	786	52	17,928	3.76	674	6-72		44	798	.00	29	57
21-13-0159	7006657	1347940	8-67	2	305	21,420	3.77	808	66	17,480	3.71	648	8-71		40	926	.02	36	68
21-13-0159	7137196	1427381	9-68	2	294	21,665	3.50	758	32	17,415	3.96	689	4-73		40	1,155	-.01	40	80
21-13-0159	7275091	1432733	3-69	2	305	21,670	3.64	788	64	17,235	3.79	654	9-72		40	803	-.02	26	54
21-13-0166	7414628	1379263	6-69	2	305	24,255	3.71	899	14	16,520	3.65	603	9-72		40	809	.04	36	63
21-13-0236	6720050	1244009	12-66	4	279	18,602	3.66	681	22	14,907	3.94	587	4-73		44	814	-.05	21	51
21-13-0236	6869447	1458744	9-67	3	305	16,236	4.61	749	33	14,410	3.96	570	10-72		42	591	.08	34	53
21-13-0236	7373927	1515670	6-69	2	297	20,090	3.96	795	21	14,980	3.87	579	1-73		30	744	.03	32	57
21-13-0264	6195269	1278644	11-64	6	304	19,137	3.52	673	22	14,998	3.70	555	10-72		44	851	-.07	20	51
21-13-0264	6372235	1393997	9-65	5	305	19,058	3.85	734	23	15,038	3.77	567	1-73		44	823	.03	34	62
21-13-0264	6487355	1393997	2-66	5	304	18,068	3.62	654	25	14,218	3.75	533	8-72		44	779	-.01	27	54
21-13-0264	6526940	1393997	4-66	3	305	19,950	3.56	711	21	15,146	3.78	572	3-72		42	871	-.01	29	60
21-13-0268	6457302	1244009	2-65	5	305	22,608	3.64	823	34	16,470	3.78	622	7-72		44	1,186	-.04	36	78
21-13-0268	7209523	1413165	12-68	2	305	23,605	3.29	776	42	16,725	3.81	636	7-72		40	1,058	-.15	15	56
21-13-0268	7772748	1393997	7-70	1	305	24,670	3.21	792	49	16,400	3.93	644	9-72		35	981	-.07	25	61
21-13-0272	7016711	1348259	12-67	3	281	18,507	3.75	694	48	14,840	3.60	534	11-72		42	675	.02	28	51
21-13-0272	7397956	1413165	3-69	2	305	23,925	2.93	701	47	14,415	3.69	532	1-73		40	1,278	-.19	16	65
21-13-0272	7452567	1413165	6-69	2	305	21,640	3.40	735	54	14,445	3.65	527	11-72		40	1,044	-.11	20	59
21-13-0304	5609309	1179372	1-62	5	287	19,800	3.92	777	13	16,012	3.68	590	1-72		44	705	.06	34	57
21-13-0304	7615372	1427381	1-70	1	305	16,860	3.62	610	16	14,250	3.76	536	6-72		36	899	.03	37	68
21-13-0330	5346974	1256340	1-61	7	261	21,271	4.54	965	26	15,637	3.84	600	11-72	B	40	985	.15	59	90
21-13-0331	6813472	1291028	3-67	4	302	21,498	3.26	701	61	12,888	3.61	465	10-72		44	882	-.09	17	50
21-13-0331	6861406	1348259	3-67	4	298	17,150	3.64	625	37	13,188	3.69	486	1-73		44	696	.01	26	50
21-13-0339	5819873	1382881	11-62	5	305	21,608	3.54	766	37	17,018	3.74	636	1-72		39	987	-.03	31	66
21-13-0339	7089498	1382881	8-67	4	303	21,655	3.38	731	40	17,420	3.70	644	10-72		37	919	-.05	25	58
21-13-0339	7129623	1428649	7-67	3	305	24,156	3.46	836	23	18,240	3.70	674	3-72		42	903	-.08	20	53
21-13-0339	7463113	1504551	7-69	2	303	20,045	3.82	766	31	17,305	3.63	628	8-72		32	631	.05	30	51
21-13-0339	7463124	1382881	2-69	2	305	20,130	3.86	777	41	16,945	3.71	628	10-72		34	696	.03	30	53
21-13-0339	7634708	1504551	9-69	2	305	22,805	3.53	805	19	18,170	3.62	658	4-73		32	870	.00	31	61
21-13-0348	6544762	1298717	1-66	3	292	19,573	3.64	712	13	15,040	3.86	580	3-73		37	769	-.02	25	52
21-13-0348	6671494	1413096	12-66	4	305	20,000	4.05	809	26	16,340	3.60	588	3-73		37	537	.11	36	52
21-13-0348	7823378	1458744	8-70	1	305	19,180	4.51	865	24	16,370	3.91	640	11-72		36	661	.05	32	54
21-13-0352	7448457	1330987	12-69	2	305	19,055	3.94	751	9	15,810	3.58	566	12-72		40	613	.09	35	54
21-13-0352	7534029	1427381	2-70	1	305	24,940	3.10	774	8	15,160	3.55	538	5-72		36	1,447	-.01	50	101
21-13-0352	7818197	1427381	11-70	1	305	20,420	4.03	822	14	16,080	3.64	585	1-73		36	1,055	.08	50	85
21-13-0352	7818198	1330987	1-71	1	305	21,110	3.50	738	10	15,870	3.60	571	2-73		36	685	.03	29	52
21-13-0357	6108277	1273756	5-64	5	305	22,744	2.98	678	82	17,728	3.45	612	8-72		44	1,014	-.07	25	62
21-13-0357	6658990	1467549	5-66	4	305	22,943	3.23	742	74	17,608	3.54	624	3-72		30	902	-.07	21	54
21-13-0357	7108151	010229512	12-63	3	305	21,260	3.93	835	85	17,437	3.53	616	2-72		42	592	.12	40	58
21-13-0357	7183371	1458744	10-68	3	299	21,796	3.01	655	85	17,683	3.57	631	12-72		42	930	-.10	18	53
21-13-0357	7197533	1456744	9-68	2	290	21,105	3.37	712	111	17,350	3.45	598	9-71		40	836	-.03	26	56
21-13-0357	7269207	1389471	12-68	2	305	24,015	3.59	862	90	17,460	3.51	613	11-72		40	872	-.02	29	60
21-13-0358	6977069	010295212	6-67	3	297	19,010	4.36	828	12	16,403	3.41	560	6-72		29	423	.16	40	51
21-13-0361	7329201	1491007	4-69	2	248	21,010	3.52	740	28	15,665	3.63	569	10-72	B	40	1,046	.00	37	74
21-13-0364	6742036	1468974	8-66	5	300	20,056	3.85	773	14	16,452	3.62	596	12-72		32	629	.05	31	52
21-13-0371	6885404	1425137	2-67	4	303	21,410	3.34	715	22	14,570	3.71	541	7-72		44	873	-.06	22	54
21-13-0373	7253457	1432733	2-69	2	305	20,375	3.40	693	51	14,330	3.85	552	6-72		40	907	-.05	25	58
21-13-0378	5615722	010229512	1-60	4	260	21,295	3.21	684	62	15,815	3.68	582	1-72		43	791	-.02	26	54
21-13-0379	6629862	1393997	8-66	5	301	20,966	3.94	827	21	16,620	3.78	629	2-73		44	907	.04	39	70
21-13-0379	6633970	1458744	9-66	4	305	18,542	3.73	692	34	15,982	3.79	606	8-72		44	727	-.01	25	51
21-13-0379	7511984	1393997	1-70	1	305	21,450	3.76	806	39	15,180	3.75	570	9-72		35	811	.01	31	59
21-13-0379	7511985	1393997	1-70	1	305	20,580	3.64	750	30	14,640	3.79	555	7-72		35	778	.00	28	55
21-13-0388	6538390	1278644	11-65	5	274	21,064	3.34	703	5	14,218	3.67	522	9-72		44	1,181	-.09	28	71
21-13-0388	7434672	1510636	4-69	2	305	17,735	4.30	763	10	16,185	3.45	559	12-72		35	780	.13	48	72
21-13-0466	6032479	1416146	11-63	6	305	22,712	3.48	791	44	18,120	3.60	652	4-72		32	839	-.03	26	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE RECS	DAYS	MILK (LB)	PRODUCTION. FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-13-0466	6116012	1254887	5-64	7	305	24,377	3.74	911	48	17,843	3.68	657	10-72	44	975	.02	38	$ 72
21-13-0466	6140036	1443113	10-64	6	300	22,583	3.07	693	41	17,963	3.66	657	3-72	37	1,065	-.17	12	53
21-13-0466	6253587	1443113	11-64	5	305	21,978	3.52	773	41	17,780	3.72	662	8-72	37	998	-.08	24	61
21-13-0466	6253590	1443113	12-64	6	305	23,091	3.30	763	43	17,736	3.74	664	11-72	37	1,166	-.13	22	66
21-13-0466	6358484	1443113	6-65	6	305	21,515	4.03	868	40	17,808	3.73	665	10-72	37	927	.02	37	69
21-13-0466	6358485	1443113	7-65	6	305	22,626	3.20	724	37	17,486	3.75	655	8-72	37	1,127	-.15	17	60
21-13-0466	6489722	1443113	10-65	5	305	24,312	3.23	786	37	18,430	3.61	666	2-72	37	1,263	-.13	25	72
21-13-0466	6614249	1443113	6-66	5	305	25,848	3.35	866	43	18,586	3.67	682	2-73	37	1,469	-.11	35	89
21-13-0466	6693363	1462187	12-66	4	305	22,137	3.90	864	49	19,160	3.61	691	1-73	36	648	.11	40	60
21-13-0466	6693364	1462187	10-66	3	305	20,533	4.13	847	47	18,303	3.62	663	5-72	34	495	.14	39	53
21-13-0466	6817463	1462187	6-67	4	305	22,387	4.07	911	55	18,847	3.65	687	11-72	36	718	.14	47	69
21-13-0466	6916173	1443113	10-67	3	305	22,226	3.23	718	33	17,903	3.75	672	5-72	34	959	-.13	14	51
21-13-0475	6211147	1239886	9-64	4	304	21,760	3.61	785	33	16,073	3.68	591	2-73	44	850	.02	34	63
21-13-0475	6457600	1222994	7-65	5	305	21,532	3.66	788	31	15,956	3.75	599	4-73	44	1,000	.00	36	71
21-13-0475	6737734	1278644	12-66	3	305	20,073	3.61	724	34	16,147	3.75	606	4-72	42	806	-.06	20	50
21-13-0475	6756900	1478272	10-66	4	278	21,527	3.88	835	53	15,712	3.77	593	12-72	38	1,276	.04	53	96
21-13-0475	7002049	1278644	12-67	3	305	20,080	3.73	749	33	16,403	3.77	619	12-72	42	783	-.04	22	50
21-13-0499	7213837	1479547	8-67	3	305	18,033	4.15	748	30	14,223	3.77	536	8-72	35	700	.08	37	60
21-13-0499	7858385	010287171	10-68	2	305	19,570	3.51	687	29	12,835	3.93	504	2-73	39	957	-.08	22	57
21-13-0616	7128399	1348259	8-68	3	303	20,917	3.42	716	35	17,010	3.62	615	10-72	42	753	-.02	24	51
21-13-0664	5759033	1154946	1-63	7	305	20,511	3.71	760	32	15,229	3.85	587	7-72	44	845	-.03	26	56
21-13-0664	6182152	1154946	10-64	6	299	20,045	3.90	782	37	15,860	3.83	607	7-72	44	720	.01	27	52
21-13-0664	6802766	1458744	5-67	4	299	18,630	3.48	649	53	15,417	3.83	591	9-72	44	794	-.05	21	50
21-13-0745	6965248	1475918	9-67	3	291	18,540	3.34	620	16	14,427	3.69	533	1-72	36	960	-.11	17	53
21-13-0770	6232411	1430145	1-65	5	300	20,584	3.40	700	23	15,350	3.50	537	4-72	44	907	-.02	30	62
21-13-0770	6458060	1430145	11-65	4	305	20,005	3.44	689	33	14,587	3.59	524	11-72	43	882	-.02	29	60
21-13-0770	6675803	1430145	12-66	4	301	18,352	3.78	694	25	14,665	3.61	530	3-73	43	668	.03	29	51
21-13-0770	7427327	1430145	7-69	1	305	20,920	3.44	719	34	14,120	3.68	520	1-72	35	741	-.01	25	51
21-13-0777	6555449	1386406	3-66	4	305	19,367	3.90	755	20	14,735	3.71	547	7-72	44	764	.05	35	60
21-13-0777	7395727	1458744	6-69	2	299	19,290	3.96	764	19	14,390	3.92	564	12-72	B 40	892	.01	34	65
21-13-0789	5982990	1239886	9-63	6	300	20,830	3.78	788	15	16,315	3.64	594	12-72	44	736	.06	35	59
21-13-0789	5982994	1085978	10-63	7	303	20,393	3.47	707	12	16,323	3.73	609	8-72	44	821	-.04	23	53
21-13-0966	7227045	1393997	2-69	1	305	19,660	4.02	790	66	14,870	3.64	541	10-71	35	695	.04	31	54
21-14-0027	6296845	1278644	9-64	5	303	16,742	3.73	624	32	12,778	3.56	455	3-72	44	772	-.02	24	52
21-14-0027	7020442	1480596	6-67	3	305	19,867	3.40	675	42	13,957	3.63	506	7-72	40	954	-.09	20	56
21-14-0027	7460021	1404202	7-69	2	305	20,640	3.23	667	20	14,755	3.65	539	3-73	40	924	-.10	17	52
21-14-0034	5585024	1221835	2-62	6	288	24,487	4.21	1030	17	19,232	3.64	701	5-72	44	1,019	.10	53	86
21-14-0034	7299646	1399283	1-69	3	305	22,563	3.50	789	16	17,430	3.43	597	3-73	42	884	-.02	28	59
21-14-0041	7285898	1377691	9-68	3	305	21,116	3.48	735	40	16,746	3.47	581	10-72	42	753	-.02	24	51
21-14-0041	7285903	1404202	10-68	2	305	21,230	3.35	711	34	16,405	3.48	571	1-73	40	850	-.08	18	50
21-14-0105	6919841	1458744	11-67	1	305	22,540	3.41	769	58	15,770	3.35	528	11-72	36	947	-.01	32	65
21-14-0105	7224340	1458744	1-69	1	296	21,330	3.35	715	60	15,860	3.35	531	12-72	36	851	-.02	28	58
21-14-0105	7676154	1447414	10-70	1	305	18,990	3.14	597	60	16,030	3.35	537	11-72	36	848	-.05	22	53
21-14-0127	6421171	1278644	8-65	5	305	21,620	3.27	707	27	17,332	3.47	602	10-72	44	931	-.09	20	55
21-14-0127	7407429	1523648	7-69	2	303	23,505	3.35	787	31	17,700	3.49	617	10-72	36	822	-.02	26	55
21-14-0128	7020475	1389368	12-67	3	305	24,493	3.34	817	12	19,380	3.46	671	5-72	42	841	-.04	24	54
21-14-0167	6900690	1348259	10-66	4	305	19,570	3.38	661	19	15,148	3.40	515	5-72	44	801	-.01	28	56
21-14-0168	6338117	1272013	12-63	7	301	20,090	3.50	704	18	14,814	3.42	507	10-72	44	908	-.04	27	60
21-14-0182	6688581	1278644	8-66	5	304	19,258	3.26	627	21	14,858	3.53	525	9-72	44	882	-.09	18	51
21-14-0186	7118280	1387978	3-68	3	305	22,707	3.34	759	19	17,240	3.65	629	11-72	42	1,070	-.05	30	69
21-14-0186	7142570	1495315	6-68	3	292	22,960	3.53	811	23	17,360	3.63	630	12-72	38	932	-.01	32	65
21-14-0186	7318495	1387978	2-69	2	305	21,325	3.54	755	18	16,915	3.60	609	4-72	40	888	-.01	30	61
21-14-0186	7468128	1387978	8-68	2	305	21,655	3.33	722	18	16,870	3.61	609	5-72	40	926	-.04	27	60
21-14-0192	7196782	1404202	11-68	2	305	20,460	3.13	640	22	14,440	3.55	512	11-71	40	931	-.11	16	51
21-14-0258	6917037	1348259	1-67	4	300	21,293	3.17	676	23	17,193	3.54	609	8-72	44	812	-.06	20	50
21-14-0258	7360240	1348259	12-68	2	298	21,025	3.91	822	11	18,435	3.46	638	10-72	40	597	.06	31	50
21-14-0258	7360243	1377691	5-69	2	300	21,325	3.85	822	21	17,205	3.57	614	6-72	40	679	.02	28	51
21-14-0258	7595223	1377691	6-70	1	305	22,810	3.87	883	21	16,730	3.60	602	6-72	36	707	.02	28	52
21-14-0265	7384983	1387978	1-68	3	305	19,197	3.40	653	23	14,167	3.71	526	7-72	42	949	-.05	27	61
21-14-0293	7433978	1520161	6-69	2	296	18,615	3.91	727	24	16,925	3.50	592	11-72	38	528	.15	42	57
21-14-0294	6395621	1278644	7-65	6	305	20,478	3.47	711	39	16,680	3.61	602	1-73	44	851	-.07	20	51
21-14-0294	6511605	1348259	12-65	6	304	19,123	3.96	758	21	16,735	3.65	611	3-73	44	602	.06	31	50
21-14-0305	7498770	1348259	10-69	1	286	20,320	3.85	782	28	15,250	3.38	516	8-72	36	660	.04	30	52
21-14-0317	7426853	1408080	6-69	1	194	26,210	2.40	629	19	16,500	3.46	571	3-72	B 36	1,066	-.17	12	53
21-14-0341	7411840	1281479	5-69	1	305	22,770	3.53	803	24	14,930	3.62	541	8-72	36	586	.07	31	50
21-14-0345	6782856	1433106	12-66	4	299	20,727	3.73	774	16	16,617	3.56	592	1-73	36	818	.02	33	61
21-14-0347	6624113	1282596	1-66	2	305	22,945	3.31	760	15	15,900	3.35	532	3-72	40	828	-.04	24	54
21-14-0347	7098914	1312008	2-68	2	305	22,965	3.20	735	23	14,925	3.38	505	1-73	40	911	.01	34	66
21-14-0348	6847142	1458744	2-67	3	229	17,143	3.90	669	25	13,983	3.54	495	11-72	42	735	.04	32	57
21-14-0348	6980871	1348259	9-67	3	305	23,347	3.17	740	15	15,257	3.43	523	9-72	42	1,193	-.05	35	78
21-14-0348	7193023	1404202	11-68	3	300	22,446	3.02	677	15	17,096	3.33	569	2-73	42	985	-.12	16	53
21-14-0349	7193305	1387978	8-68	3	304	18,583	3.56	662	30	14,203	3.63	516	3-73	42	875	-.02	29	60
21-14-0357	6139586	010260599	7-64	6	303	20,105	3.47	697	40	15,265	3.48	531	9-72	44	824	-.06	21	51
21-14-0439	7889430	1404931	8-69	2	305	21,355	3.39	723	36	15,900	3.53	562	10-72	40	868	-.08	19	51
21-14-0468	5953513	1259069	8-63	7	304	20,629	3.97	819	20	16,250	3.70	602	5-72	44	728	.03	31	56
21-14-0468	6803040	1324688	9-66	5	305	21,038	3.73	784	35	15,632	3.69	577	11-72	44	660	.05	31	53
21-14-0468	6981687	1261857	7-67	4	305	20,683	3.67	759	28	15,635	3.72	582	2-73	44	947	.05	42	74
21-14-0468	7970128	1447414	9-70	1	305	20,790	3.19	663	19	14,560	3.91	569	2-73	36	1,070	-.09	25	64
21-14-0620	6566664	1221835	1-66	5	305	19,894	3.47	691	14	15,812	3.66	578	6-72	44	780	-.04	22	50
21-14-0620	7165656	1419528	6-68	3	303	19,380	3.64	706	20	15,663	3.59	563	9-72	42	681	.04	30	53
21-14-0878	6180391	1330597	8-64	6	305	21,537	3.63	781	16	17,015	3.57	608	4-72	44	779	-.01	27	54
21-15-0012	6187220	1239886	11-64	4	296	19,553	4.07	795	57	15,833	3.53	559	3-72	44	601	.11	39	57
21-15-0012	6941566	1348259	11-67	3	304	19,857	3.41	678	92	15,603	3.54	552	8-72	42	760	-.02	25	52
21-15-0012	7248925	1477381	10-68	2	294	18,955	3.95	748	102	15,325	3.52	539	8-72	40	624	.08	34	54
21-15-0012	7327367	1419528	2-69	2	305	20,485	3.71	760	84	15,550	3.55	552	9-72	40	757	.04	34	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-15-0012	7466475	1408080	10-69	2	301	23,280	3.17	738	65	16,055	3.55	570	1-73	40	1,058	-.09	24	$ 63
21-15-0012	7466495	1348259	9-69	2	289	21,095	3.38	713	68	15,755	3.53	556	2-73	40	822	-.02	27	56
21-15-0269	7357056	1408080	5-69	2	301	21,825	3.57	780	85	14,940	3.86	576	10-72	40	1,001	-.05	28	64
21-15-0269	7487470	1520162	9-69	2	290	19,955	3.75	749	68	15,610	3.82	597	1-73	36	770	.01	29	56
21-16-0027	6401110	1348259	8-65	5	298	19,142	3.25	623	18	13,736	3.45	474	6-72	44	914	-.03	28	61
21-16-0039	7557199	1486584	9-69	2	305	22,535	3.75	844	28	17,355	3.67	637	2-73	25	725	.02	29	54
21-16-0048	6954213	1308138	1-68	3	278	18,443	4.04	746	45	13,903	3.77	524	9-72	34	615	.08	34	54
21-16-0062	7048183	1413165	1-68	3	305	19,973	3.48	696	36	14,940	3.51	524	10-72	42	892	-.08	19	52
21-16-0091	6792568	1278644	12-66	4	305	20,253	3.46	701	24	14,263	3.70	528	12-72	44	1,043	-.07	26	64
21-16-0091	7328698	1458744	1-69	2	305	19,490	3.64	710	14	15,215	3.54	539	2-73	40	846	.00	31	60
21-16-0108	7502911	1387978	2-70	1	305	21,500	3.48	748	20	14,560	3.66	533	11-72	36	936	-.02	30	63
21-16-0173	6160067	1330987	10-64	5	305	18,616	4.10	763	45	16,350	3.53	577	5-72	44	578	.12	39	56
21-16-0173	7440575	010275932	4-68	3	305	22,310	3.50	781	40	16,737	3.53	590	3-73	42	800	.01	30	58
21-16-0173	7756465	1393997	2-70	1	305	19,900	3.82	760	30	15,200	3.76	572	7-72	35	693	.01	27	51
21-16-0195	7078870	1348259	9-67	3	305	21,507	3.40	731	31	16,167	3.57	577	4-72	42	898	-.02	29	61
21-16-0215	6613574	1450133	11-65	5	305	22,084	3.04	672	15	15,194	3.67	557	1-73	37	1,049	-.13	17	57
21-16-0247	6615798	1329588	3-65	6	278	20,743	3.11	645	23	15,397	3.56	548	11-72	44	894	-.09	18	51
21-16-0381	6398273	1282596	6-65	4	305	24,122	3.55	857	22	17,670	3.59	635	3-72	44	954	-.02	31	65
21-16-0381	6429863	1270644	12-65	4	305	20,925	3.56	745	20	17,678	3.58	632	9-72	44	788	-.05	21	50
21-16-0610	6059797	1085978	4-64	7	302	18,290	3.69	674	22	15,139	3.53	535	1-73	44	672	.02	27	50
21-16-0671	7195986	1387978	11-68	2	305	16,605	3.95	656	26	14,045	3.63	510	8-72	40	642	.03	28	50
21-16-0671	7522399	1427381	9-69	1	305	16,810	3.65	614	26	13,810	3.55	490	8-72	36	922	.05	41	72
21-18-0010	6896715	1474097	3-67	4	305	21,033	3.28	690	25	15,268	3.53	539	7-72	33	1,009	-.05	29	65
21-18-0010	7406224	1312008	10-69	2	298	22,230	3.65	811	29	16,170	3.61	584	1-73	40	735	.06	35	59
21-18-0010	8052378	1558148	9-70	1	305	24,520	3.56	872	33	15,710	3.66	575	10-72	31	776	-.01	26	53
21-18-0172	6374367	1278644	6-65	2	305	24,075	2.72	655	9	15,900	3.20	509	8-72	40	1,186	-.15	19	64
21-18-0172	6471699	1278644	12-65	1	305	24,310	2.93	712	14	17,750	3.02	536	1-72	36	887	-.09	18	51
21-18-0172	7686467	1419528	11-69	2	305	20,805	3.27	681	12	16,050	3.20	513	11-72	40	749	.02	30	56
21-18-0276	6857235	1273237	7-67	3	305	21,610	3.42	740	53	15,367	3.45	530	12-72	42	834	-.05	23	53
21-18-0276	7352129	1419528	6-69	1	305	22,850	3.74	855	49	15,770	3.60	567	1-72	36	797	.04	35	62
21-18-0276	7468866	1428145	2-69	2	305	21,480	3.15	676	39	15,355	3.51	539	3-73	40	951	-.10	19	55
21-18-0276	7723880	1458744	10-70	1	305	21,680	2.80	607	39	15,610	3.48	543	2-73	36	892	-.08	19	52
21-18-0281	6558259	1348259	3-66	4	300	20,735	3.54	735	12	16,103	3.33	537	7-72	44	851	.03	35	64
21-18-0296	7452182	1458744	10-69	2	302	23,735	3.09	734	15	20,180	3.41	689	1-73	40	873	-.07	21	53
21-18-0304	5290306	1199324	11-60	3	305	18,427	3.62	667	7	15,167	3.50	531	3-73	42	825	.00	30	59
21-18-0304	5681920	1085978	8-62	8	301	20,880	3.41	711	11	16,119	3.52	568	9-72	44	905	-.03	28	60
21-18-0304	7614487	1427381	3-70	1	305	20,540	3.43	705	11	15,880	3.57	567	8-72	36	1,076	.03	43	80
21-18-0313	6725337	1348259	12-66	4	305	19,805	3.27	648	28	15,323	3.52	539	8-72	44	813	-.03	24	53
21-18-0322	6872135	1348259	9-67	2	302	19,565	3.36	658	41	15,030	3.51	527	10-72	40	725	-.01	24	50
21-18-0322	7689781	1447414	9-70	1	302	16,480	3.76	619	38	13,100	3.50	458	9-72	36	836	-.01	28	57
21-18-0322	7923861	1447414	11-69	1	305	18,390	3.38	622	44	13,520	3.51	475	10-72	36	953	-.04	28	62
21-18-0330	7564659	1431678	9-69	2	305	23,175	3.96	917	30	17,995	3.50	629	11-72	40	564	.08	33	51
21-18-0330	7758531	1450228	11-70	1	305	23,720	3.37	799	22	18,010	3.55	640	1-73	36	981	-.05	28	63
21-18-0330	7850966	1458744	1-71	1	305	23,910	3.56	851	15	17,750	3.52	624	2-73	36	931	-.01	32	65
21-18-0427	6697794	1278644	10-66	4	305	23,980	3.61	865	21	20,285	3.44	697	2-72	44	908	-.02	29	61
21-18-0427	7479151	1379263	11-69	2	301	25,860	3.14	811	39	19,025	3.44	655	11-72	40	769	-.04	22	50
21-18-0427	7479152	1404202	8-69	2	305	24,180	3.36	813	33	18,315	3.41	624	12-72	40	994	-.07	25	61
21-19-0028	7802485	1347940	9-70	1	305	19,350	3.58	692	22	17,060	3.53	602	8-72	36	705	.00	26	50
21-19-0028	7802486	1347940	9-70	1	305	20,120	3.68	740	23	17,170	3.52	605	9-72	36	756	.02	30	56
21-19-0028	7831829	1419528	10-70	1	305	21,600	4.02	869	27	17,750	3.53	627	10-72	36	586	.08	33	52
21-19-0042	6893628	1486235	12-66	4	293	20,317	3.53	718	13	15,575	3.47	540	6-72	35	919	-.01	32	64
21-19-0067	6333452	1244845	9-64	7	300	19,457	3.53	686	26	13,556	3.52	477	2-73	44	921	-.03	29	62
21-19-0067	7356694	1427381	1-69	3	305	19,270	3.37	650	32	14,940	3.49	522	12-72	42	1,150	.01	43	83
21-19-0067	7485901	1417208	10-69	1	305	22,080	3.11	686	41	14,610	3.50	511	1-73	36	909	-.04	26	59
21-19-0067	7985614	1427381	4-71	1	305	16,990	3.76	638	19	13,790	3.47	478	4-73	36	936	.06	43	74
21-19-0103	5802439	1085978	3-63	6	301	20,193	3.79	766	11	16,693	3.50	585	7-72	44	757	.04	33	58
21-19-0103	7318466	1347940	10-68	3	293	19,660	3.35	659	13	16,553	3.39	561	2-73	42	854	-.02	28	58
21-19-0104	6649566	1360676	8-66	5	300	17,444	3.58	625	13	14,566	3.48	507	12-72	43	690	.03	29	52
21-19-0115	5791733	1199324	4-63	6	294	16,738	3.72	623	25	14,705	3.59	528	1-73	44	686	.01	26	50
21-19-0115	7294515	1312008	11-68	2	305	20,045	3.67	735	38	14,965	3.55	532	7-72	40	611	.07	32	52
21-19-0115	7400044	1458744	6-69	2	300	17,685	3.57	632	36	14,460	3.60	520	1-73	40	724	-.01	25	50
21-19-0115	7628217	1458744	6-70	1	305	17,840	3.54	632	42	13,630	3.61	492	7-72	36	724	-.01	24	50
21-19-0121	6409036	1278644	10-65	4	304	22,020	3.17	698	8	17,723	3.50	621	2-72	44	919	-.11	16	51
21-19-0121	6552093	1461740	3-66	4	305	22,842	3.49	798	7	17,937	3.51	629	10-72	40	726	.01	27	52
21-19-0121	6592948	1239886	3-66	4	305	21,948	3.70	812	10	18,988	3.39	643	2-72	44	585	.08	33	51
21-20-0002	6832027	1261857	11-66	3	305	16,760	3.86	647	20	14,120	3.51	496	4-72	42	598	.10	36	55
21-20-0003	7635667	1544708	7-70	1	305	18,630	3.73	695	23	16,590	3.65	605	9-72	31	675	.04	31	53
21-20-0030	6186176	1085978	9-64	6	305	19,535	3.35	655	17	15,793	3.51	555	11-72	44	765	-.04	22	50
21-20-0030	7028257	1278644	8-67	2	305	19,975	3.69	737	29	16,085	3.39	545	12-72	40	755	-.01	25	52
21-20-0063	7301367	1419528	1-69	2	305	20,985	3.68	773	31	14,065	3.73	525	11-72	40	928	.03	38	70
21-20-0063	7529537	1520161	5-69	1	305	16,220	4.36	708	35	13,580	3.68	500	5-72	33	511	.17	44	58
21-20-0064	6938072	1261857	7-67	3	305	23,523	3.26	768	30	16,237	3.56	578	11-72	42	1,181	.00	42	83
21-20-0064	6971821	1348259	11-67	3	305	20,890	3.45	720	26	15,283	3.67	561	10-72	42	908	-.02	29	61
21-20-0064	7042986	1261857	11-67	3	301	19,323	3.67	709	32	15,780	3.57	563	5-72	42	740	.07	37	61
21-20-0064	7429232	1347940	2-67	2	305	22,600	3.59	811	39	15,345	3.56	546	4-72	40	1,219	.01	45	87
21-20-0064	7782982	1427381	9-70	1	305	20,070	3.68	739	22	16,480	3.54	583	1-73	36	1,005	.05	44	78
21-20-0085	6764421	1330987	10-66	4	304	17,035	3.48	592	19	13,125	3.59	471	4-72	44	691	.02	28	52
21-20-0088	5299146	1085978	11-60	6	302	23,213	3.61	839	20	18,165	3.55	645	1-73	44	994	.01	37	71
21-20-0088	5882656	1112211	4-63	7	302	21,906	3.30	723	22	16,767	3.59	602	1-73	44	1,061	-.08	26	65
21-20-0088	6278917	1221835	9-64	5	305	26,170	3.22	842	19	17,652	3.57	630	11-72	44	1,399	-.09	36	87
21-20-0088	7002410	1348259	8-67	4	305	21,100	3.89	821	23	18,428	3.53	650	2-73	44	666	.07	34	56
21-20-0088	7002418	1340669	11-67	4	302	24,063	3.24	780	26	17,943	3.63	651	10-72	44	1,037	-.13	17	56
21-20-0088	7519379	1427381	10-69	1	305	22,010	3.54	780	27	16,970	3.64	618	9-71	36	1,121	.03	45	83
21-20-0095	7435196	1408080	7-68	2	279	19,940	3.29	657	49	13,880	3.59	498	1-73	40	896	-.07	22	55
21-20-0123	7593806	1348259	10-69	1	305	22,430	3.47	779	11	13,210	3.67	485	6-72	36	939	-.01	32	65

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-20-0151	7864591	1427381	3-70	1	305	18,260	3.54	646	9	16,190	3.30	534	10-72		36	888	.05	40	$ 70
21-20-0173	6925063	1377691	8-67	3	305	21,866	3.50	765	35	16,523	3.47	573	8-72		42	860	-.01	29	59
21-20-0173	6925064	1377691	8-67	4	305	20,847	3.63	757	35	17,132	3.54	606	10-72		44	718	.00	26	51
21-20-0192	6266997	1286934	11-64	7	305	19,970	3.92	783	38	16,219	3.51	570	1-73		43	498	.12	36	50
21-20-0192	7031250	1399824	12-67	3	305	19,157	3.65	699	33	15,860	3.56	565	10-72		42	712	.03	30	54
21-20-0192	7366144	1399824	2-69	2	305	22,475	3.66	823	39	15,655	3.60	564	11-72		40	1,028	.03	41	76
21-20-0192	7615142	1308101	11-69	2	305	19,620	3.14	617	18	15,170	3.61	548	3-73		40	1,039	-.08	25	63
21-20-0192	7641608	1308101	12-69	1	305	19,520	3.58	699	44	16,600	3.55	590	11-72		36	860	-.02	28	58
21-20-0200	6790248	1389471	11-66	4	254	21,775	3.55	772	24	16,218	3.48	564	1-73		44	867	-.01	29	60
21-20-0204	6096958	1239886	1-64	4	304	21,973	3.47	763	40	16,265	3.44	559	11-72		44	857	.03	35	64
21-20-0204	7658318	1408080	1-70	1	305	21,760	3.42	744	39	15,190	3.48	528	9-72		36	813	-.04	23	52
21-20-0228	6165761	1199324	2-64	2	305	18,760	3.33	624	12	15,275	3.33	509	4-72		40	820	-.02	26	55
21-20-0228	6524207	1189870	8-63	6	300	18,360	3.80	698	25	14,070	3.57	502	10-72		44	694	.05	32	55
21-20-0228	7310788	1427381	2-69	2	291	18,370	3.41	626	15	15,215	3.41	519	12-72		40	1,000	.03	41	75
21-20-0228	7330826	1427381	9-68	3	304	17,553	3.82	671	16	14,793	3.54	524	10-72		42	966	.07	46	78
21-20-0274	7308036	1348259	5-69	2	305	20,250	3.77	763	13	16,785	3.49	585	3-73		40	652	.04	30	52
21-20-0277	7932683	1261857	10-70	1	305	19,670	3.60	709	6	13,710	3.46	474	1-73		36	767	.07	38	63
21-20-0296	7501604	1348259	11-69	1	305	19,400	3.49	677	23	13,120	3.32	436	9-72		36	719	.01	27	52
21-20-0298	8113639	1553504	12-70	1	305	21,170	3.58	758	11	15,730	3.64	573	1-73		22	732	-.01	25	51
21-20-0306	7176839	1427381	11-68	1	305	15,770	3.46	546	16	12,310	3.55	437	3-73		36	934	.03	39	71
21-20-0532	6545422	1216957	5-65	5	303	18,632	3.50	652	12	12,644	3.61	456	9-72		44	708	.01	27	51
21-20-0536	6346867	1085978	4-65	6	305	22,940	3.39	777	27	17,563	3.42	601	12-72		44	1,021	-.02	33	69
21-20-0536	6795759	1372874	11-66	4	304	23,080	3.45	797	10	17,620	3.45	608	7-72		44	948	-.06	25	59
21-20-0536	6978635	1492241	10-67	3	296	21,260	3.37	717	21	17,170	3.49	599	8-72		39	821	-.03	25	54
21-20-0615	5441277	1189870	9-61	8	299	20,350	3.25	662	32	14,959	3.52	526	2-73		44	859	-.04	25	56
21-20-0615	6835266	1469521	3-66	3	305	21,093	3.33	702	22	15,376	3.50	538	2-73		32	811	-.03	24	53
21-20-0615	7584988	1455673	8-68	2	305	23,885	3.31	790	30	16,120	3.51	566	10-72		31	769	.02	31	57
21-20-0615	7828276	1387978	5-69	1	305	21,520	2.82	607	25	15,840	3.54	560	2-72		36	861	-.08	18	50
21-20-0660	6483848	1278644	10-65	6	297	22,467	3.23	726	54	18,395	3.59	660	10-72		44	930	-.11	16	51
21-20-0913	7257545	1273756	7-68	2	305	19,755	3.52	696	20	16,670	3.53	589	2-72		40	662	.03	28	50
21-21-0048	7006503	1458744	9-67	4	296	17,777	3.57	634	21	14,797	3.53	523	4-73		44	750	-.01	26	52
21-21-0094	6682135	1278644	12-66	4	305	20,890	3.32	694	28	15,698	3.59	563	6-72		44	980	-.08	22	58
21-21-0111	7346884	1427381	10-68	2	305	19,575	4.07	797	23	15,485	3.67	568	4-72		40	1,100	.09	54	90
21-21-0111	7369355	1427381	3-69	2	305	17,915	3.23	578	22	15,290	3.60	550	3-73		40	947	-.01	33	66
21-21-0114	7219214	1404202	10-68	2	283	19,455	3.99	776	30	14,120	3.65	515	10-71	B	40	855	.00	30	60
21-21-0151	6651921	1221835	6-66	4	305	20,010	3.36	673	33	14,800	3.61	535	9-72		44	873	-.05	24	56
21-21-0236	7868982	1458744	12-70	1	305	20,760	3.42	711	15	13,990	3.66	512	3-73		36	920	-.03	28	61
21-21-0239	6858358	1239242	2-66	5	300	22,046	3.22	710	21	15,428	3.76	580	11-72		44	1,015	-.09	23	61
21-21-0239	7299465	1458744	4-69	2	305	18,435	3.70	682	17	15,295	3.69	565	8-72		40	732	.00	26	52
21-21-0239	7544887	1464901	12-69	1	305	18,430	3.72	685	19	14,320	3.85	552	4-72		34	862	-.03	26	57
21-21-0245	7260397	1393997	10-68	2	305	21,710	3.19	692	30	16,390	3.31	542	12-72	B	40	887	-.03	27	59
21-21-0245	8078974	1499352	8-69	1	305	21,840	3.48	761	35	15,850	3.36	533	9-72		26	677	.02	28	51
21-21-0248	5924358	1405957	11-63	7	302	20,306	3.44	698	32	14,747	3.62	534	10-72		36	1,116	-.03	35	75
21-21-0248	6093515	1405957	3-64	6	299	18,722	3.89	729	39	15,715	3.60	565	1-72		36	763	.06	36	61
21-21-0248	7456830	1427381	12-69	1	305	16,560	3.29	545	55	14,210	3.55	504	3-72		36	879	.02	35	65
21-21-0248	7606933	1427381	2-70	1	305	16,130	3.85	621	38	12,670	3.56	451	9-72		36	939	.06	43	74
21-21-0259	6290211	1312008	1-65	6	298	21,178	3.50	741	16	16,438	3.67	604	5-72		44	740	.02	30	55
21-21-0297	7250010	1458744	10-68	3	296	21,140	3.24	684	26	18,010	3.43	617	10-72		42	824	-.04	23	53
21-21-0297	7582512	1464901	12-69	1	305	18,580	3.65	679	26	16,240	3.57	580	4-72		34	755	-.02	24	51
21-21-0306	7409374	1427381	8-69	2	305	19,555	2.87	562	40	14,220	3.64	517	1-73		40	1,201	-.06	34	77
21-21-0309	7091327	1377954	10-67	4	304	20,555	3.38	694	22	15,153	3.57	541	3-73		44	1,005	-.02	33	69
21-21-0309	7423294	1348259	1-69	2	305	19,120	3.51	671	24	14,995	3.45	517	9-72		40	683	.01	26	50
21-21-0309	7713186	1458744	6-70	1	305	21,540	2.83	609	20	15,610	3.35	523	8-72		36	882	-.08	20	53
21-21-0374	6560001	1464899	3-66	2	305	20,555	4.00	823	17	14,855	3.59	534	3-72		25	727	.07	37	61
21-21-0382	7108393	1427381	8-68	2	305	22,810	3.48	794	34	15,890	3.65	580	5-72		40	1,395	.02	53	101
21-21-0382	7396567	1538938	9-69	2	305	21,830	3.99	871	38	15,075	3.58	540	8-72		31	932	.09	48	78
21-21-0411	6499005	1312008	4-64	6	305	19,432	3.86	750	18	15,760	3.63	572	2-72		44	585	.09	34	52
21-21-0423	6432037	1245520	5-64	4	305	19,438	3.42	664	6	14,275	3.53	504	10-72		44	854	-.05	23	54
21-21-0427	6777278	1462063	2-66	5	305	19,934	3.00	598	14	13,458	3.56	479	12-72		35	935	-.13	14	50
21-21-0427	7952838	1458744	7-70	1	305	19,810	3.18	629	27	12,600	3.36	423	2-73		36	932	-.04	28	61
21-21-0430	6514727	1245520	4-65	5	305	20,206	3.26	659	24	14,026	3.52	494	1-73		44	1,004	-.08	24	61
21-21-0430	6769176	1348259	3-66	4	303	18,523	3.36	622	23	13,970	3.60	503	4-72		44	788	-.03	24	52
21-21-0508	7336362	1377691	5-69	1	186	25,750	2.61	672	15	16,660	3.31	552	9-71	B	36	930	-.12	15	50
21-21-0541	7596032	1458744	1-70	2	288	19,980	3.72	744	23	16,115	3.55	572	1-73		40	822	.02	32	60
21-21-0556	6358456	1457218	8-65	5	305	18,612	3.69	687	20	14,872	3.62	538	1-73		35	694	.03	30	53
21-21-0559	7299517	1404202	11-68	2	305	22,735	3.31	752	22	17,450	3.71	648	2-72		40	918	-.11	16	51
21-21-0586	6473605	1348259	9-65	6	302	21,015	3.54	744	11	15,820	3.62	572	3-73		44	940	-.01	33	66
21-21-0586	7114583	1372874	3-68	2	305	22,835	3.32	759	18	16,535	3.55	587	1-72		40	890	-.08	19	52
21-21-0630	7802120	1419528	12-69	2	304	17,760	3.82	679	20	13,355	3.49	466	3-73		40	659	.06	33	54
21-21-0647	6836569	1442431	2-67	4	305	20,932	3.33	698	25	15,187	3.58	543	11-72		42	814	-.06	20	50
21-21-0647	7527666	1493643	8-69	2	305	23,250	2.80	650	36	15,185	3.50	532	10-72		39	1,159	-.16	16	60
21-21-0773	6911326	1312008	4-67	3	305	19,903	3.89	775	39	16,027	3.46	554	9-72		42	563	.10	36	53
21-21-0773	7304189	1290716	2-68	2	305	21,445	3.60	773	46	16,465	3.46	569	12-72		40	534	.10	34	50
21-21-0773	7517749	1499133	1-69	1	305	23,980	3.48	834	30	17,950	3.35	602	3-72		33	1,214	-.05	36	80
21-21-0820	6301281	1085978	5-65	6	302	19,208	3.53	679	48	14,827	3.53	523	10-72		44	822	.00	29	58
21-21-0820	6967864	1418927	11-67	3	305	22,500	3.19	718	33	15,580	3.53	550	2-73		42	945	-.05	26	60
21-21-0820	7567626	1499352	9-69	2	305	24,950	3.01	750	16	15,625	3.58	559	2-73		32	1,228	-.08	31	76
21-21-0914	6042240	1244009	10-63	8	305	19,487	3.32	646	12	15,731	3.46	544	3-73		44	859	-.06	22	53
21-21-0914	6919779	1399824	10-67	3	305	20,373	3.69	751	16	15,453	3.40	525	4-73		42	890	.05	40	70
21-21-0914	7382858	010275932	7-69	2	305	22,705	2.97	675	13	16,240	3.36	545	1-73		40	803	-.05	21	50
21-22-0005	6708817	1278644	11-65	6	304	20,732	3.39	702	23	16,033	3.62	581	11-72		44	950	-.08	21	56
21-22-0005	7636451	1549232	8-70	1	305	22,260	3.36	748	43	14,890	3.53	525	7-72		31	1,000	-.05	28	64
21-22-0024	6982918	1458744	10-67	2	221	23,905	3.45	825	14	16,135	3.51	567	1-72	B	40	1,219	-.02	40	83
21-22-0024	7660883	1427381	3-70	1	305	19,350	3.10	599	18	13,770	3.59	495	7-72		36	1,113	-.01	39	78
21-22-0045	5800075	1239886	2-63	3	305	20,887	4.08	852	14	17,807	3.64	649	3-73		42	541	.10	35	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-22-0045	6934434	1348259	9-67	3	305	22,300	3.68	820	14	18,473	3.65	674	12-72		42	777	.01	30	$ 57
21-22-0045	7038556	1348259	3-68	3	292	21,087	3.64	768	17	16,510	3.68	608	6-72		42	818	.00	30	58
21-22-0045	7188268	1349319	12-68	3	305	23,317	3.76	877	15	18,690	3.65	682	3-73		42	740	.00	27	53
21-22-0045	7206710	1404202	10-68	3	301	24,556	3.64	895	14	18,560	3.62	672	3-73		42	1,093	-.05	32	71
21-22-0045	7536662	1447414	4-70	1	290	17,730	3.60	638	16	15,130	3.79	574	5-72		36	808	-.04	23	52
21-22-0045	7638565	1450228	7-70	1	305	19,940	3.45	688	12	16,270	3.61	587	8-72		36	803	-.04	23	52
21-22-0045	7638567	1447414	8-70	1	305	26,190	3.33	873	12	16,040	3.70	594	8-72		36	1,384	-.07	39	89
21-22-0054	7215931	1404202	10-68	2	305	22,155	3.11	690	17	15,820	3.65	578	12-72		40	991	-.13	16	54
21-22-0112	6014545	1356573	4-62	4	305	22,455	3.39	761	15	15,223	3.53	538	4-72		35	1,218	-.04	37	81
21-22-0148	6887560	1261857	8-67	4	298	19,540	3.33	651	35	15,833	3.44	544	11-72		44	786	.02	32	59
21-22-0201	7396742	010292883	5-67	3	297	19,817	4.03	799	44	15,190	3.59	546	12-72		33	500	.12	36	51
21-22-0201	7415557	1419528	9-68	3	305	18,767	3.66	687	47	14,963	3.66	548	1-73		42	675	.03	29	52
21-22-0201	7436375	1500404	11-69	2	305	22,675	3.46	784	42	14,830	3.59	533	12-72		40	1,237	-.09	30	75
21-22-0201	7619219	1347940	7-70	1	305	18,510	4.29	795	40	14,380	3.57	514	9-72		36	802	.07	39	65
21-22-0201	7637671	010287171	12-67	3	302	19,660	3.44	676	42	13,833	3.65	505	10-72		41	949	-.07	23	58
21-22-0201	8168658	010275932	1-70	1	305	23,970	3.47	832	47	14,940	3.63	542	11-72		36	799	.00	29	57
21-22-0203	6477384	1221835	10-65	6	299	19,040	3.67	698	9	13,920	3.66	510	4-73		44	865	-.01	30	60
21-22-0203	7464406	1399824	4-69	2	298	16,590	3.83	636	12	12,605	3.75	473	12-72		40	679	.04	30	53
21-22-0208	7570661	1408080	9-68	2	301	19,825	3.54	702	14	15,145	3.55	537	8-72		40	781	-.03	23	51
21-22-0233	7138338	1494907	7-68	2	305	26,605	3.62	962	11	17,275	3.70	640	4-72		39	1,015	-.01	35	71
21-22-0233	7144202	1387978	2-68	3	299	22,310	3.12	696	5	14,863	3.56	529	11-72		42	1,243	-.08	32	77
21-22-0233	7330911	1387978	12-68	2	305	19,550	3.30	645	5	14,905	3.76	561	4-72		40	872	-.05	23	55
21-22-0237	7425238	1458744	9-69	1	304	19,540	3.49	681	8	14,970	3.71	556	12-72		36	771	-.02	24	51
21-22-0242	6692736	1348259	12-66	4	284	20,633	3.56	734	19	16,323	3.66	597	9-72		44	817	.00	29	58
21-22-0259	6802956	1481385	3-67	2	305	23,270	3.25	756	32	16,305	3.52	574	1-73		29	1,019	-.06	28	65
21-22-0328	5889476	1393031	12-62	8	305	22,891	3.56	814	36	17,553	3.77	662	1-73		44	1,002	-.09	22	59
21-22-0328	7001234	1495027	11-67	3	305	21,427	3.43	735	21	15,937	3.66	584	3-73		29	820	-.04	24	53
21-22-0328	7254951	1447141	12-68	2	305	20,395	3.74	763	26	14,840	3.90	579	9-72		40	718	.05	33	57
21-22-0328	7604074	1516004	9-69	1	305	19,710	4.01	790	20	15,070	3.74	563	3-72		31	746	.01	28	54
21-22-0328	7604076	1516004	11-69	1	305	22,060	3.87	854	31	13,830	3.98	550	8-72		31	1,018	-.02	34	70
21-22-0580	5910031	1239886	8-63	7	303	20,914	3.75	784	31	14,859	3.69	549	2-73		44	897	.04	39	69
21-22-0580	7326443	1458744	12-68	2	305	17,935	4.09	734	20	13,935	3.75	523	5-72		40	792	.04	35	62
21-22-0580	7532669	1450228	3-70	1	305	16,320	4.00	653	28	12,980	3.80	493	8-72		36	729	.00	26	51
21-22-0581	7135161	1458744	12-67	3	305	24,086	3.12	752	8	16,176	3.54	572	5-72		42	1,332	-.08	35	83
21-22-0581	7135164	1458744	8-68	3	295	19,190	4.15	796	15	16,093	3.59	578	11-72		42	776	.07	39	64
21-22-0581	7319524	1458744	1-69	2	305	20,285	3.67	745	10	14,910	3.35	500	6-72		40	951	.02	38	71
21-22-0581	7444431	1458744	9-69	2	305	20,735	3.67	761	13	16,585	3.59	596	11-72		40	861	.01	32	62
21-22-0581	7688045	1458744	11-70	1	305	21,480	3.50	752	13	17,120	3.58	613	1-73		36	787	-.01	26	54
21-23-0014	7800513	1441026	1-71	1	303	20,360	3.66	746	33	16,180	3.44	557	2-73		35	801	-.04	23	52
21-23-0015	6117876	1386942	11-62	8	305	21,075	3.29	694	21	15,791	3.52	556	1-73		35	804	-.05	21	50
21-23-0015	7369010	1495254	7-68	2	297	21,115	3.08	650	27	14,970	3.65	547	7-72		35	1,029	-.13	17	56
21-23-0033	7365127	1377691	2-69	2	305	19,530	3.68	718	13	14,280	3.59	513	5-72		40	735	.00	26	52
21-23-0060	6793901	1261857	10-66	4	305	18,018	3.71	669	19	14,915	3.52	525	1-73		44	689	.07	36	58
21-23-0095	6909084	1085978	10-67	4	297	20,965	3.43	719	35	16,320	3.79	619	10-72		44	871	-.05	23	55
21-23-0095	7427657	1347940	8-68	3	300	18,986	3.64	692	30	15,463	3.80	588	8-72		42	877	-.01	30	61
21-23-0095	7481941	1404202	9-69	1	305	22,720	3.61	820	29	16,770	3.54	593	1-72		36	820	-.05	21	51
21-23-0095	7918162	1404202	10-69	2	305	21,040	3.52	740	27	16,070	3.64	585	1-73		40	858	-.07	20	52
21-23-0135	7238825	1427381	1-69	2	305	18,335	3.77	692	25	15,240	3.24	494	7-72		40	994	.08	49	82
21-23-0135	7458479	1427381	4-69	2	296	18,025	3.19	575	25	14,485	3.40	492	10-72		40	1,024	.01	38	73
21-23-0135	7458480	1427381	7-69	1	305	20,340	3.55	722	34	15,750	3.38	533	11-71		36	1,069	.05	46	82
21-23-0135	7462347	1427381	11-69	2	305	19,620	2.85	560	26	15,320	3.41	523	2-73		40	1,118	-.04	34	74
21-23-0135	7502533	1427381	8-69	2	305	17,535	3.43	602	25	14,485	3.40	492	10-72		40	974	.03	40	73
21-23-0135	7502534	1427381	10-69	1	305	18,530	3.34	618	36	15,880	3.39	539	12-71		36	926	.03	38	70
21-23-0135	7509848	1427381	11-69	1	305	18,590	3.83	712	27	14,620	3.37	493	6-72		36	1,006	.08	48	81
21-23-0135	7509849	1427381	12-69	1	305	20,390	3.29	671	25	15,160	3.39	514	5-72		36	1,108	.02	43	81
21-23-0135	7656759	1427381	11-69	2	305	18,925	3.17	599	25	14,485	3.40	492	10-72		40	1,115	.00	40	79
21-23-0135	7715410	1427381	5-70	1	305	19,800	3.40	674	25	15,160	3.39	514	5-72		36	1,064	.04	44	80
21-23-0150	7004889	1348259	2-68	3	305	19,680	3.36	662	99	14,950	3.51	525	12-72		42	800	-.02	26	54
21-23-0162	5956673	1240125	11-63	8	303	18,621	3.55	661	39	14,481	3.60	521	12-72		44	783	-.01	26	54
21-23-0173	7298480	1239242	11-68	2	305	22,070	3.29	725	10	15,790	3.65	577	7-72		40	812	-.05	21	51
21-23-0189	7456991	1427381	4-69	2	305	16,300	3.78	616	18	14,195	3.37	479	10-72		40	872	.08	43	72
21-23-0189	7456997	1427381	10-69	2	305	16,760	3.31	555	21	14,740	3.43	506	1-73		40	875	.02	34	64
21-23-0189	7664526	1427381	3-70	1	305	16,320	3.71	606	25	13,760	3.47	477	10-72		36	888	.06	41	70
21-23-0201	6691326	1312008	12-66	3	301	21,453	3.19	684	18	15,757	3.63	572	2-72		42	766	-.02	24	51
21-23-0201	7247069	1499133	11-68	1	296	19,190	3.83	735	13	15,380	4.03	620	7-72		33	998	-.06	27	63
21-23-0201	7565549	1529721	2-70	1	305	25,690	3.03	779	12	15,780	3.83	604	3-72		33	996	-.11	19	56
21-23-0218	7374376	1427381	7-69	1	305	21,410	3.26	698	57	15,790	3.48	550	8-71		36	1,146	.01	43	83
21-23-0218	7630951	1523725	12-69	2	303	22,890	3.30	755	44	17,670	3.51	620	12-72		28	821	-.04	23	53
21-23-0245	7326080	1427381	1-69	2	305	21,720	3.66	795	25	14,530	3.68	535	9-72		40	1,395	.04	56	104
21-23-0245	7805835	1427381	6-69	2	305	19,270	4.07	784	24	15,730	3.62	569	12-72		40	1,049	.10	53	87
21-23-0245	7805836	1427381	8-69	2	303	17,520	3.86	676	19	15,510	3.44	533	3-73		40	889	.08	45	74
21-23-0245	7805838	1427381	3-70	1	305	17,260	4.03	696	24	14,720	3.76	554	8-72		36	901	.07	43	73
21-23-0256	7305705	1085978	4-69	2	246	19,195	3.74	717	24	14,890	3.58	533	11-72	B	40	713	.02	28	52
21-23-0256	7365946	1261857	6-67	4	286	19,520	3.28	640	22	15,833	3.56	564	10-72	B	44	784	.01	29	56
21-23-0256	7594560	1271810	7-68	2	305	23,495	3.42	804	20	15,650	3.49	546	6-72		40	1,111	-.05	32	72
21-23-0268	7388800	1520161	7-69	2	294	17,715	3.68	652	17	15,130	3.52	532	2-73		38	584	.12	39	56
21-23-0272	7685469	1404931	4-70	1	301	23,750	3.87	918	11	18,520	3.33	616	8-72		36	754	-.01	26	52
21-23-0273	7328893	1427381	7-68	2	304	18,020	3.50	630	10	15,530	3.50	544	1-73		40	938	.03	39	71
21-23-0490	6310175	1438006	9-64	6	305	22,045	4.06	894	27	17,512	3.52	616	2-72		42	990	.12	55	86
21-23-0490	6984780	1404202	4-67	3	305	22,810	3.22	735	21	18,080	3.57	646	4-72		42	936	-.11	16	51
21-23-0491	7466294	1553945	6-69	2	305	20,560	3.55	730	45	14,525	3.57	518	8-72		25	761	.00	27	54
21-23-0590	7498447	1427381	9-69	2	293	18,070	3.62	655	43	16,095	3.39	546	9-72		40	898	.06	41	71
21-23-0610	5846578	1378219	7-61	5	305	19,324	3.62	700	10	14,678	3.62	531	11-72		32	739	.00	27	53
21-23-0810	6837007	1479593	6-67	4	305	23,082	3.33	769	31	17,185	3.44	591	12-72		41	1,094	-.04	33	72
21-23-0810	6898157	1492241	9-67	3	305	23,270	3.19	743	34	17,490	3.41	596	9-72		39	1,034	-.05	29	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-23-0811	6565016	1401559	3-66	5	305	19,940	3.58	714	38	15,712	3.56	560	7-72		38	833	-.03	26	$ 56
21-23-0811	6708576	1283917	6-66	4	305	22,282	3.24	722	46	16,457	3.52	580	11-72		44	940	-.11	16	52
21-23-0811	6936719	1348259	10-67	3	304	22,173	3.34	741	46	16,827	3.52	592	12-72		42	914	-.03	28	61
21-23-0811	7237769	1510509	7-68	2	305	23,895	3.17	757	48	16,595	3.56	590	7-72		30	1,089	-.06	27	67
21-23-0811	7502232	1530625	2-70	1	305	21,010	3.73	784	47	16,420	3.61	592	9-72		24	774	-.01	27	54
21-23-0811	7502235	1530625	5-70	1	305	26,020	3.22	901	42	16,530	3.56	589	10-72		24	1,390	-.08	37	88
21-23-0814	6930062	1484116	9-67	3	305	19,853	3.40	691	22	15,013	3.69	554	5-72		39	839	.00	30	59
21-23-0814	6930063	1484116	9-67	3	305	21,950	3.44	754	24	14,370	3.78	543	9-72		39	1,157	-.02	39	80
21-23-0814	7195504	1505429	10-68	2	305	21,595	3.43	740	21	14,985	3.66	549	1-73		35	907	-.06	24	57
21-23-0937	5956027	1399459	8-63	5	299	18,702	3.95	742	129	14,244	3.50	498	10-72		35	858	.08	43	71
21-23-0937	6994427	1348259	10-67	2	305	22,005	3.60	793	130	15,690	3.28	514	5-72		40	919	.03	38	69
21-23-0937	7013671	1347940	11-67	1	305	20,530	3.27	672	82	15,730	3.47	546	11-72		36	872	-.02	28	59
21-23-0937	7173483	1405907	8-68	2	295	19,755	3.96	783	85	15,380	3.42	526	8-72		29	586	.08	33	52
21-23-0937	7459537	1377691	9-69	1	305	22,280	3.56	793	141	15,560	3.36	523	5-72		36	737	.00	26	52
21-23-0937	7459546	1408080	12-69	1	305	27,020	3.82	841	167	15,610	3.34	522	6-72		36	807	.01	31	59
21-23-0937	7459548	1312008	11-69	1	305	24,270	3.49	848	109	15,800	3.38	534	4-72		36	742	.05	35	60
21-23-0937	7619423	1419528	7-70	1	305	22,130	3.46	765	63	16,220	3.50	568	12-72		36	716	.02	29	53
21-24-0020	6365124	1239886	10-63	6	305	22,178	3.78	838	11	16,173	3.62	585	4-72		44	925	.06	43	74
21-24-0029	7451244	1516360	11-69	2	276	19,040	3.61	688	15	16,265	3.76	612	12-72		38	827	-.01	28	57
21-24-0029	7451245	1516360	12-69	1	305	20,400	3.71	756	6	13,930	3.78	526	8-72		33	1,028	.00	37	73
21-24-0029	7451250	1404202	8-69	2	304	22,260	3.28	730	20	16,390	3.77	618	1-73		40	955	-.11	17	53
21-24-0029	7712119	1516360	10-70	1	305	20,490	3.15	646	12	16,240	3.79	616	1-73		33	891	-.06	23	55
21-24-0030	6664731	1435865	8-66	4	296	20,250	3.54	716	10	15,250	3.51	535	10-72		35	708	.02	28	52
21-24-0047	7001383	1386406	2-68	3	305	18,320	3.80	696	65	13,486	3.69	498	2-73		42	723	.04	32	56
21-24-0048	7014800	1458744	1-68	2	305	19,230	3.49	672	32	15,815	3.56	563	4-72		40	771	-.02	25	52
21-24-0058	7063766	1377691	2-68	3	305	20,463	3.02	618	18	14,616	3.50	512	8-72		42	874	-.09	17	50
21-24-0058	7708644	1458744	12-69	2	305	19,820	3.06	606	15	15,845	3.38	536	2-73		40	828	-.06	21	51
21-24-0061	5861542	1221835	3-63	6	305	19,040	3.54	674	31	15,237	3.40	518	5-72		44	729	.00	26	51
21-24-0061	6475494	1237057	10-65	6	297	20,290	3.10	628	35	14,140	3.44	486	4-73		44	963	-.10	19	55
21-24-0090	6745802	1417200	12-66	4	305	20,355	3.38	687	35	16,290	3.84	626	2-73		44	856	-.06	22	53
21-24-0090	7146592	1498287	1-68	2	305	22,745	3.94	896	38	17,075	3.80	649	1-72		31	747	.05	35	60
21-24-0090	7146606	1427381	9-68	3	302	17,990	3.51	631	34	16,276	3.75	610	3-73		42	880	.01	33	63
21-24-0090	7263132	1458744	1-68	3	305	20,250	3.19	645	43	16,230	3.78	614	1-73		42	886	-.08	19	52
21-24-0090	7263133	1427381	1-69	1	305	25,120	3.82	959	44	16,450	3.87	637	11-71		36	1,383	.05	57	104
21-24-0090	7824566	1458744	2-70	1	305	21,590	3.32	717	51	15,600	3.76	587	10-72		36	886	-.05	24	56
21-24-0090	7824574	1427381	8-69	2	305	19,965	3.66	731	48	16,140	3.76	607	11-72		40	1,086	.03	44	81
21-24-0125	7145462	1427381	9-68	3	305	20,566	3.90	802	54	16,576	3.65	605	10-72		42	1,149	.07	53	91
21-24-0125	7159634	1427381	9-68	3	297	18,950	3.64	689	51	16,320	3.65	596	10-72		42	986	.04	41	74
21-24-0125	7471461	1529019	10-69	2	305	21,765	3.54	771	47	16,700	3.72	621	11-72		30	879	-.02	29	60
21-24-0125	7471470	1458744	9-69	2	300	20,885	3.36	702	62	17,135	3.69	632	10-72		40	831	-.04	23	53
21-24-0130	7317946	1458744	8-68	2	305	18,645	3.87	722	15	14,065	3.63	511	3-73		40	853	.02	34	63
21-24-0130	7317947	1458744	9-68	2	304	18,805	3.37	634	29	14,140	3.72	526	12-72		40	864	-.05	24	55
21-24-0130	7317950	1458744	11-68	3	305	20,546	4.04	831	37	14,490	3.72	539	11-72		42	1,080	.05	47	83
21-24-0217	7614876	1450228	1-70	1	305	19,640	3.26	641	32	14,670	3.54	520	6-72		36	876	-.05	24	56
21-24-0239	7280310	1516360	2-69	2	267	19,325	3.44	664	32	14,965	3.57	534	8-72	B	38	967	-.02	32	66
21-24-0293	6954018	1278644	10-67	2	305	20,425	3.18	650	13	14,830	3.51	520	11-72		40	903	-.09	18	52
21-24-0293	7289423	1458744	11-68	2	305	20,120	3.45	694	17	16,005	3.29	527	5-72		40	846	.00	30	60
21-24-0333	6793193	1330987	1-67	4	299	18,672	3.30	617	20	14,790	3.62	536	8-72		44	728	-.01	25	51
21-24-0337	6392534	1427990	7-65	6	305	20,945	3.57	748	24	16,673	3.51	585	4-73		36	816	.00	29	57
21-24-0337	7169429	1507396	8-68	3	305	19,913	3.48	692	28	15,956	3.51	560	1-73		33	748	-.03	23	50
21-24-0350	6431301	1426208	8-65	5	295	21,834	3.32	725	29	17,222	3.46	596	12-71		43	840	-.03	26	56
21-24-0350	7561756	1450228	12-69	1	305	18,570	3.47	644	37	15,530	3.48	541	10-72		36	745	-.02	23	50
21-24-0361	7203177	1427381	1-69	2	305	21,500	3.39	728	24	15,615	3.54	553	12-72		40	1,285	.01	48	92
21-24-0361	7499922	1427381	10-69	2	305	19,955	3.10	619	39	17,040	3.43	585	11-72		40	1,012	-.01	35	70
21-24-0380	7045670	010275932	12-67	3	304	20,953	3.60	755	13	16,667	3.38	564	5-72		42	650	.04	30	52
21-24-0380	7271064	1504175	11-68	2	305	25,065	3.55	891	24	17,335	3.52	610	9-72		25	1,047	.00	38	74
21-24-0380	7314353	010275932	7-67	4	305	23,818	3.24	771	16	17,573	3.46	608	3-73		44	952	-.03	29	63
21-24-0380	7335000	1476012	12-68	2	305	21,680	3.55	769	19	19,750	3.40	672	2-73		31	775	-.02	25	52
21-24-0380	7703359	1528733	9-70	1	305	25,230	3.58	904	26	17,490	3.48	609	10-72		19	790	.01	30	57
21-24-0401	7708645	1458744	3-70	1	305	19,980	4.04	808	22	17,030	3.60	613	7-72		36	681	.04	30	53
21-24-0401	7921176	1450228	3-70	1	305	22,720	3.44	782	18	17,040	3.65	622	9-72		36	964	-.04	28	63
21-24-0403	7624003	1427381	10-69	1	305	21,000	2.97	624	18	17,810	3.34	595	2-72		36	995	-.01	35	70
21-24-0404	7585775	1419528	11-69	2	298	22,680	3.31	750	8	17,155	3.56	611	1-73		40	849	-.01	29	59
21-24-0405	8230962	1458744	12-70	1	283	19,730	3.14	620	12	14,060	3.45	485	11-72		36	839	-.05	23	53
21-24-0414	6904350	1278644	11-66	4	304	21,480	3.39	729	10	16,255	3.71	603	4-72		44	997	-.09	22	59
21-24-0428	7115780	1427381	8-68	3	292	16,140	3.75	605	22	14,593	3.53	515	12-72		42	822	.06	39	66
21-24-0428	7233005	1427381	1-69	3	288	16,620	3.19	531	22	14,976	3.54	530	11-72		42	842	-.01	29	59
21-24-0452	7140485	1348259	9-68	2	305	21,800	3.71	809	51	17,090	3.48	594	10-72		40	785	.04	34	60
21-24-0460	6377797	1239242	1-65	5	271	20,144	3.46	697	43	14,976	3.55	531	8-72	B	44	816	-.02	26	55
21-24-0460	6475324	1268007	10-65	5	250	20,738	3.79	785	43	15,416	3.60	555	9-72	B	44	670	.05	32	54
21-24-0460	6625289	1406271	5-66	4	280	16,170	3.93	636	34	14,203	3.63	516	4-72		44	587	.07	32	51
21-24-0460	7244302	1348259	9-68	2	203	21,245	3.06	651	65	14,565	3.43	500	10-72	B	40	934	-.06	25	59
21-24-0463	6728827	1458744	9-66	4	273	20,997	3.05	641	24	16,610	3.51	583	10-72	B	44	968	-.09	21	57
21-24-0463	7701103	1450228	5-70	1	261	27,660	3.12	862	17	15,690	3.35	526	7-72	B	36	1,612	-.07	40	91
21-24-0491	6315854	1441440	2-65	5	297	20,634	3.31	684	23	15,224	3.55	541	12-72	B	44	999	-.02	33	68
21-24-0491	6454866	1348259	1-66	5	294	19,012	3.82	726	31	16,292	3.44	560	1-73	B	44	633	.06	32	53
21-24-0491	7023075	1458744	2-68	3	282	20,103	3.58	719	32	17,070	3.42	584	1-73	B	42	791	.01	30	57
21-24-0491	7290797	1419528	11-68	2	304	21,000	3.84	807	37	16,140	3.49	564	8-72		40	761	.07	38	63
21-24-0495	6688515	1278644	11-66	4	305	22,748	3.61	821	23	19,340	3.62	701	2-72		44	849	-.04	24	55
21-24-0495	6916114	1491164	11-67	4	299	24,895	3.45	858	30	19,653	3.59	705	11-72		30	950	-.03	29	63
21-24-0495	7172456	1503433	8-68	3	305	24,503	3.42	838	31	20,000	3.56	711	10-72		40	805	-.01	28	56
21-24-0495	7372946	1520161	7-69	1	305	24,090	3.75	904	38	19,900	3.57	710	9-71	H	33	730	.13	46	68
21-24-0495	7372947	1520161	8-69	2	305	24,240	3.39	822	35	19,465	3.54	689	9-72		38	907	.07	44	74
21-24-0495	7372949	1525180	7-69	2	305	22,555	4.15	935	33	19,425	3.56	691	9-72		25	818	.11	35	50
21-24-0495	7394548	1520161	8-69	2	295	23,150	3.99	923	35	19,390	3.56	690	10-72		38	798	.16	54	78

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C D W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-24-0531	7964387	1427381	9-70	1	305	16,350	3.75	613	16	12,600	3.63	458	10-72	36	960	.05	42	$ 74
21-24-0630	7409560	1427381	9-69	1	305	18,740	3.88	727	21	14,770	3.63	536	10-72	36	1,008	.06	46	80
21-24-0657	7026783	1506133	3-68	2	296	19,095	3.59	686	45	13,380	3.51	469	2-72	25	692	.01	26	50
21-24-0668	7197115	1377691	10-68	3	305	20,743	3.42	709	53	15,940	3.37	537	12-72	42	784	-.02	25	53
21-24-0707	6725441	1494122	12-66	4	305	21,435	3.45	740	16	14,190	3.67	521	8-72	33	1,159	-.04	36	77
21-24-0876	6990019	1458744	9-67	4	304	17,405	3.13	544	8	13,480	3.57	481	11-72	44	834	-.07	19	50
21-24-0876	7030324	1458744	3-68	3	305	15,520	4.25	659	11	12,810	3.61	462	7-72	42	656	.07	34	55
21-24-0894	7291549	1489431	12-67	3	305	21,303	3.54	754	70	16,417	3.53	580	9-72	29	748	.00	27	53
21-24-0894	8007183	1536450	12-69	1	305	20,240	3.38	685	55	15,670	3.53	553	8-72	33	879	-.03	27	58
21-24-0917	7068042	1348259	10-67	3	305	18,340	3.85	706	16	14,923	3.72	555	7-72	42	648	.03	28	50
21-24-0933	6374551	1085978	8-65	5	305	21,316	3.42	729	44	16,320	3.71	606	7-72	44	940	-.05	26	60
21-24-0933	7381836	1427381	8-69	2	305	22,635	3.22	728	29	18,095	3.54	640	3-73	40	1,199	-.01	41	83
21-24-0933	7575671	1427381	2-70	1	305	22,800	3.36	766	34	17,060	3.56	607	6-72	36	1,174	.02	45	85
21-24-0933	7575673	1419528	2-70	1	305	23,440	3.23	756	43	17,050	3.55	605	7-72	36	765	-.01	26	53
21-24-0933	7629627	1441440	7-70	1	305	24,260	3.01	731	48	17,550	3.59	630	10-72	36	870	-.04	25	56
21-24-0994	7490800	1348259	9-69	2	305	19,350	3.36	651	50	14,305	3.58	512	2-73	40	762	-.02	24	51
21-24-0996	5982859	1085978	9-63	6	305	17,732	3.76	666	33	12,975	3.72	483	12-72	44	823	.01	31	59
21-25-0066	7147756	1417208	9-68	2	305	20,450	3.44	704	23	16,130	3.52	568	11-72	40	800	.00	28	56
21-25-0179	7536356	1348259	4-68	2	305	19,025	3.69	702	39	14,070	3.81	536	2-72	40	749	.00	27	53
21-25-0179	7904569	1527954	9-69	2	305	19,075	3.40	649	31	13,860	3.69	511	2-73	28	844	-.07	20	51
21-25-0217	6676897	1261857	4-66	3	305	17,170	3.86	662	21	14,567	3.49	508	2-73	42	604	.09	36	55
21-25-0218	7409737	1419528	6-69	2	305	19,740	3.50	691	11	14,820	3.71	550	11-72	40	741	.01	28	54
21-25-0499	6825039	1357743	3-67	2	305	23,760	3.02	717	72	15,265	3.46	528	10-72	40	974	-.10	19	56
21-25-0499	7569645	1539510	2-70	1	305	21,960	3.73	819	44	14,600	3.51	512	6-72	23	925	.04	40	71
21-25-0499	7621146	1539510	3-70	1	305	20,950	3.11	651	44	14,970	3.17	474	3-73	23	807	-.01	27	55
21-25-0499	7685899	1539510	5-70	1	305	20,240	3.64	736	87	15,370	3.37	518	10-72	23	714	.04	32	56
21-25-0499	7706504	1539510	9-70	1	305	21,460	3.41	731	87	15,370	3.37	518	10-72	23	824	.02	32	60
21-25-0499	7811843	1539510	9-70	1	230	23,410	3.63	850	85	15,770	3.30	521	11-72 B	23	971	.05	42	75
21-25-0561	5455120	1240125	12-61	8	301	18,784	3.45	648	25	14,860	3.60	535	3-72	44	765	-.03	23	50
21-25-0561	6278541	1438006	10-64	4	305	18,035	3.48	628	36	14,278	3.63	519	12-72	41	778	.01	29	56
21-25-0561	7464738	1515621	7-69	2	305	20,960	3.09	648	40	14,000	3.60	504	1-73	28	1,012	-.10	20	58
21-25-0791	6565694	1425137	4-66	5	305	23,678	3.17	751	20	15,710	3.55	558	3-73	44	1,085	-.08	26	66
21-25-0791	7243793	1458744	12-68	2	305	21,725	3.86	839	21	15,620	3.58	559	6-72	40	1,040	.03	42	78
21-25-0791	7447188	1458744	2-69	2	305	19,220	3.70	711	26	16,045	3.52	565	10-72	40	751	.01	29	55
21-26-0017	7219599	1427381	9-68	2	305	19,555	3.40	664	34	14,480	3.55	514	3-73	40	1,180	.02	45	86
21-26-0031	7640675	1458744	9-68	2	305	22,695	3.22	730	20	16,495	3.51	579	3-73	40	1,067	-.05	30	69
21-26-0031	7671722	1458744	1-69	2	305	19,860	3.20	635	21	16,085	3.64	585	11-72	40	813	-.06	20	50
21-26-0041	7059294	1458744	6-68	2	293	19,260	3.88	748	38	16,840	3.52	593	1-72	40	690	.04	31	54
21-26-0041	7221316	1427381	11-68	2	305	20,210	3.40	688	58	15,650	3.58	560	9-72	40	1,151	.02	44	84
21-26-0041	7468152	1427381	8-69	2	305	21,675	3.37	731	35	15,845	3.57	566	3-73	40	1,284	.01	47	92
21-26-0041	7468153	1427381	10-69	1	305	19,270	3.59	692	57	14,880	3.55	528	8-72	36	1,041	.04	44	79
21-26-0041	7468154	1427381	10-69	1	298	22,450	3.34	750	57	14,920	3.56	531	9-72	36	1,276	.01	48	92
21-26-0054	7274065	1516360	11-68	2	305	19,885	3.68	732	54	16,750	3.41	571	2-72	38	875	.03	36	66
21-26-0054	7459082	1348259	9-69	1	305	19,910	3.93	783	17	15,190	3.62	550	6-72	36	633	.04	29	50
21-26-0085	5968657	1085978	12-63	7	305	18,111	3.62	655	24	14,354	3.53	506	3-73	44	730	.00	27	52
21-26-0085	6767961	1348259	2-67	4	305	17,428	4.11	716	15	14,840	3.44	511	1-73	44	567	.10	35	52
21-26-0085	7743902	1458744	11-70	1	305	18,870	3.79	715	26	14,480	3.40	493	9-72	36	750	.02	30	56
21-26-0194	6517752	1278644	3-66	5	302	20,134	3.35	674	15	15,712	3.66	575	1-73	44	906	-.09	18	52
21-26-0275	5195054	1189870	8-60	9	304	20,081	3.73	749	13	15,673	3.67	575	5-72	44	751	.03	31	57
21-26-0275	6015395	1276654	1-64	6	305	19,725	3.82	753	22	15,288	3.57	546	7-72	44	703	.04	31	55
21-26-0275	6359463	1406271	7-65	4	305	17,563	3.63	638	19	14,955	3.64	545	1-72	44	684	.04	30	53
21-26-0275	7099362	1347940	5-68	3	305	18,570	3.60	668	22	15,980	3.63	580	11-72	42	781	.00	28	55
21-26-0290	6718051	1458744	11-66	4	301	18,162	3.73	677	14	15,165	3.63	550	12-72	44	761	.01	29	55
21-26-0298	6222673	1278644	12-64	6	301	20,053	3.16	634	10	15,710	3.35	527	6-72	44	896	-.09	18	51
21-26-0330	6878678	1278644	5-67	4	301	20,178	3.33	672	10	14,798	3.55	525	7-72	44	981	-.08	23	59
21-26-0341	7604206	1494593	12-69	1	305	20,100	3.59	721	77	13,770	3.47	478	4-72	27	832	.05	37	65
21-26-0358	7400778	1387978	11-68	2	304	20,600	3.66	754	7	16,990	3.57	606	11-72	40	809	.01	30	58
21-26-0369	7460968	1419528	7-69	2	305	18,370	3.66	673	30	13,785	3.74	516	11-72	40	686	.03	29	52
21-26-0385	7515133	1458744	8-69	1	305	17,410	3.50	609	20	12,740	3.52	449	9-72	36	745	-.01	25	51
21-26-0395	6627509	1085978	7-65	3	305	22,103	3.29	727	20	14,747	3.44	508	4-72	42	1,110	-.04	33	73
21-26-0399	5752757	1295523	11-62	8	305	19,731	3.81	751	13	16,155	3.66	591	9-72	44	717	.03	30	54
21-26-0406	7641370	1458744	3-69	1	305	22,000	3.48	765	26	16,360	3.58	585	2-73	36	871	-.02	28	59
21-26-0407	6962972	1290716	1-68	2	305	21,000	3.72	782	11	16,265	3.36	547	8-72	40	505	.12	37	52
21-26-0408	6295435	1167632	2-65	5	305	18,424	3.64	670	10	14,566	3.60	524	1-72	44	799	-.01	27	55
21-26-0448	6601917	1239886	9-64	6	305	19,990	3.21	642	13	14,817	3.53	523	12-72	44	782	-.03	24	52
21-26-0457	6676805	1468460	10-66	3	305	20,763	3.39	704	17	14,816	3.61	535	2-72	38	1,020	-.06	28	65
21-26-0461	6842909	1377954	10-66	4	305	21,125	3.39	716	26	16,328	3.53	576	7-72	44	959	-.02	32	66
21-26-0461	7114543	1261857	2-67	4	304	19,838	3.51	696	17	15,268	3.57	545	8-72	44	879	.04	38	68
21-26-0461	7135823	1508460	9-68	3	305	22,786	3.68	839	41	16,303	3.65	595	10-72	39	1,006	-.01	35	70
21-26-0469	7020087	1347940	8-67	3	278	18,246	3.84	701	19	13,820	3.57	494	7-72 B	42	943	.03	39	71
21-26-0741	7321634	1502447	2-69	3	305	19,280	3.67	707	9	14,533	3.52	511	1-73	32	779	.01	30	57
21-26-0741	7443367	1419087	9-69	2	305	19,160	3.61	691	31	13,365	3.52	470	10-72	40	665	.05	31	53
21-26-0805	6236659	1239886	8-64	7	305	23,973	3.32	795	31	19,193	3.55	681	1-73	44	844	-.02	27	57
21-26-0805	6757746	1348259	8-66	5	299	23,322	3.58	834	30	19,350	3.53	683	10-72	44	874	.01	33	63
21-26-0805	6954315	1285709	8-67	3	305	27,163	3.32	902	28	20,193	3.63	734	6-72	42	1,048	-.07	26	64
21-26-0805	7209772	1375967	9-68	3	305	25,566	3.24	828	44	19,863	3.56	707	10-72	42	966	-.12	16	53
21-26-0805	7224516	1404931	1-69	2	282	24,505	3.50	858	21	20,145	3.54	714	12-72	40	843	-.07	20	51
21-26-0805	7490492	1419528	10-69	1	305	24,980	3.73	932	39	19,840	3.50	694	8-72	36	713	.05	34	58
21-26-0805	7490493	1419528	12-69	2	305	25,435	3.79	964	38	19,690	3.51	692	10-72	40	923	.07	44	74
21-26-0805	7773142	1419528	8-70	1	305	25,000	3.81	952	32	20,460	3.53	722	11-72	36	677	.06	33	55
21-26-0848	6559778	1348259	12-65	5	302	19,530	3.42	668	12	16,276	3.44	560	6-72	44	702	.00	25	50
21-26-0848	6760211	1278644	5-66	5	305	21,292	3.25	692	14	17,382	3.49	606	2-73	44	883	-.09	18	51
21-26-0848	7032593	1312008	9-67	4	305	21,870	3.36	734	13	17,615	3.47	611	3-73	44	683	.02	28	51
21-26-0848	7247468	1273756	1-69	1	305	22,570	3.77	851	14	16,970	3.47	589	3-72	36	779	.05	36	62
21-26-0848	7257899	1312008	11-68	2	305	21,905	3.58	784	16	16,445	3.45	567	9-72	40	679	.06	34	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C D	CALVD MO-YR	REPT	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-26-0848	7790380	1387978	9-69	1	305	19,430	3.97	772	15	16,170	3.46	560		6-72	36	686	.03	30	$ 53
21-26-0906	6511701	1237057	10-65	6	304	23,238	3.46	803	23	18,428	3.48	642		1-73	44	901	-.05	25	58
21-26-0906	7041373	1330987	11-67	3	305	23,983	3.42	820	17	17,966	3.48	626		4-73	42	1,019	.02	39	74
21-26-0906	7414605	1359467	2-69	1	305	30,310	3.66	1108	25	20,210	3.47	701		10-71	24	975	.02	38	72
21-26-0906	7499210	1427381	10-69	1	305	24,600	3.29	809	31	20,400	3.47	707		10-71	36	1,109	.01	42	80
21-26-0906	7670256	1427381	9-70	1	305	24,670	3.28	809	29	17,750	3.49	619		9-72	36	1,272	.01	47	91
21-26-0941	6119921	1085978	6-64	4	305	25,880	3.53	914	25	16,685	3.50	584		6-72	44	1,442	-.01	51	101
21-26-0941	7050674	1487095	3-68	3	305	20,780	3.15	654	15	15,660	3.48	545		8-72	34	1,010	-.12	18	56
21-26-0959	7294035	1375967	2-69	2	296	22,550	3.49	786	17	15,585	3.84	599		10-72	40	922	-.10	18	53
21-26-0975	6277880	1085978	12-64	5	305	21,042	3.35	704	16	15,932	3.53	563		11-72	44	945	-.04	28	62
21-26-0975	7148239	1348259	9-68	2	302	21,430	3.17	679	6	14,590	3.39	495		5-72	40	950	-.04	28	62
21-28-0051	6971163	1360676	10-66	4	300	18,825	3.59	675	19	15,563	3.30	514		11-72	42	753	.05	34	59
21-28-0051	6971167	1261857	3-67	3	305	18,293	3.35	613	18	15,260	3.40	519		11-72	42	669	.04	30	52
21-28-0051	6971168	1261857	4-67	4	300	18,488	3.56	658	16	15,768	3.29	519		2-73	44	663	.07	35	56
21-28-0060	6076683	1273237	4-64	6	305	21,627	3.72	804	17	16,158	3.52	568		8-72	44	841	.00	31	60
21-28-0060	6818785	1475204	6-67	4	301	19,998	4.05	810	25	16,548	3.49	577		3-73	30	583	.11	37	55
21-28-0076	7262650	1427381	1-69	2	305	20,480	3.71	760	10	14,715	3.57	525		6-72	40	1,254	.06	54	96
21-28-0076	7262651	1427381	1-69	2	305	18,860	3.58	676	8	15,385	3.52	541		8-72	40	1,035	.04	44	79
21-28-0089	7564282	1450228	3-70	1	305	20,390	3.62	739	26	16,680	3.59	599		1-73	36	812	-.02	26	55
21-28-0277	7422642	1408080	7-69	1	305	24,950	3.50	874	58	18,670	3.45	644		12-71	36	843	-.03	26	56
21-28-0277	7583217	1517540	8-69	2	305	20,230	3.88	784	38	16,440	3.61	594		9-72	36	663	.11	41	61
21-28-0277	7638744	1312008	6-70	1	305	24,100	3.61	870	52	17,970	3.44	618		12-72	36	600	.07	32	51
21-28-0301	6355605	1272013	8-64	6	304	22,768	3.24	737	54	17,913	3.49	626		2-72	44	934	-.09	19	54
21-28-0301	6355613	1239886	8-64	6	297	21,622	3.72	804	48	17,870	3.41	610		6-72	44	678	.08	36	58
21-28-0518	7594789	1450228	1-70	2	305	20,900	3.35	700	9	14,970	3.72	557		3-73	40	1,084	-.06	29	68
21-28-0539	6509192	1272013	7-65	6	303	20,767	3.35	695	9	15,452	3.49	539		7-72	44	929	-.07	23	57
21-28-0539	7260596	1404202	7-68	2	224	21,525	3.46	744	5	16,190	3.43	556		2-73	B 40	897	-.06	23	56
21-29-0012	7364667	1508373	4-69	2	305	21,635	3.55	768	50	15,090	3.62	547		1-73	25	840	-.01	29	58
21-29-0012	7342858	1427381	10-69	2	305	16,745	3.77	632	51	15,185	3.58	544		12-72	40	837	.06	39	67
21-29-0012	7715605	1427381	8-70	1	305	17,960	3.94	708	32	14,810	3.58	530		8-72	36	948	.07	45	76
21-29-0012	7715606	1427381	8-70	1	305	17,940	4.21	756	46	14,720	3.61	531		12-72	36	952	.09	49	80
21-29-0012	7715607	1427381	8-70	1	305	22,780	3.90	889	43	14,490	3.62	524		9-72	36	1,326	.07	59	103
21-29-0012	7791304	1427381	11-70	1	305	19,350	3.94	762	46	14,720	3.61	531		12-72	36	1,057	.07	49	84
21-29-0017	6253203	1438006	9-64	6	278	17,927	3.79	680	36	15,102	3.48	525		11-72	42	693	.07	36	58
21-29-0017	6464258	1347940	9-65	4	305	17,765	4.21	748	21	16,087	3.49	562		9-71	44	685	.10	40	61
21-29-0055	5746661	1378792	12-61	8	304	19,995	3.62	723	37	16,313	3.62	591		1-73	38	804	-.02	26	54
21-29-0055	6669353	1378792	5-66	5	305	20,582	3.68	757	37	15,938	3.60	574		3-73	38	933	.00	33	66
21-29-0055	7311524	1222989	9-67	4	302	22,773	3.61	823	41	16,633	3.58	595		12-72	42	679	.02	27	50
21-29-0094	6743057	1282596	8-66	3	298	21,600	3.36	726	47	15,296	3.50	535		6-72	42	825	-.04	23	53
21-29-0126	6379129	1438006	2-65	6	304	19,763	3.36	665	19	16,280	3.75	610		11-72	42	814	-.03	25	54
21-29-0132	7470389	1427381	9-69	1	305	18,190	3.66	665	38	15,150	3.78	572		7-72	36	945	.03	39	71
21-29-0150	7622752	1536450	2-70	2	295	17,440	3.38	589	21	14,720	3.46	510		12-72	B 37	759	-.03	23	50
21-29-0194	6279260	1085978	11-64	6	303	19,563	3.27	640	19	15,225	3.53	537		12-72	44	827	-.05	22	52
21-29-0194	6750804	1348259	12-66	4	305	18,660	3.73	696	18	15,803	3.46	546		10-72	44	624	.04	29	50
21-29-0194	6879167	1348259	9-67	3	305	19,630	3.70	726	17	15,120	3.49	527		9-72	42	778	.03	33	59
21-29-0196	7804555	1419528	9-69	2	300	19,395	3.42	663	22	14,525	3.33	484		1-73	40	730	.02	30	55
21-29-0217	6731336	1348259	12-66	4	305	18,703	3.47	649	37	14,598	3.53	515		8-72	44	749	-.01	26	52
21-29-0217	6965785	1485675	11-67	3	303	18,453	3.60	665	29	12,690	3.62	460		8-72	29	766	.00	28	55
21-29-0217	7177785	1347940	11-68	2	285	18,510	2.98	552	32	14,855	3.49	518		11-72	40	844	-.06	21	52
21-29-0245	7198138	1348259	11-68	2	297	21,640	3.38	732	36	15,300	3.56	552		8-72	40	898	-.02	29	61
21-29-0259	7835510	1515669	8-69	2	305	19,540	3.68	719	8	13,820	3.42	473		1-73	31	790	.02	31	58
21-29-0269	5573794	1112211	12-61	8	305	20,021	3.25	650	9	16,194	3.43	556		1-73	44	877	-.06	22	54
21-29-0287	5326410	1189870	12-60	7	304	21,231	3.52	747	9	16,119	3.62	583		7-72	44	853	.00	30	60
21-29-0287	6448522	1189870	5-63	4	305	23,855	3.94	939	6	18,880	3.54	668		8-72	44	877	.08	44	73
21-29-0287	6760103	1458744	9-66	4	305	19,457	3.84	747	25	16,050	3.62	581		4-73	44	833	.03	34	62
21-29-0287	6861863	1488480	7-67	4	284	22,347	4.25	950	13	18,582	3.75	696		11-72	38	598	.13	42	60
21-29-0287	7869662	1458744	7-70	1	305	23,810	4.22	1005	13	20,370	3.88	791		11-72	36	767	.04	34	60
21-29-0322	7385758	1282596	12-68	2	305	23,045	3.58	824	9	16,400	3.79	622		4-72	40	798	-.04	23	52
21-29-0348	6143592	1408619	9-63	7	282	18,093	3.43	620	49	13,041	3.57	465		9-72	32	751	-.03	23	50
21-29-0349	6326614	1397209	5-65	2	299	19,365	3.17	613	25	12,155	3.34	406		10-71	40	940	-.05	26	60
21-29-0369	7054232	1348259	11-67	3	298	21,780	3.22	702	16	17,460	3.51	612		1-72	42	810	-.05	22	51
21-29-0369	7986395	1348259	9-70	1	292	21,630	3.41	738	22	15,950	3.47	553		10-72	36	716	.00	25	50
21-29-0384	6520747	1346850	5-65	6	269	18,943	3.61	683	36	13,803	3.61	498		11-72	44	735	-.02	24	50
21-29-0384	7299480	1379208	5-67	3	301	20,117	3.29	661	39	14,747	3.51	518		2-73	42	897	-.03	27	59
21-29-0391	7188717	1348259	6-68	2	305	18,790	3.34	627	16	14,350	3.26	468		5-72	40	702	.00	25	50
21-29-0395	7804996	1450228	2-71	1	305	21,140	3.51	741	11	15,230	3.57	544		12-72	36	954	-.03	30	64
21-29-0402	5974022	1085978	11-63	6	305	18,750	3.80	713	33	15,065	3.65	550		5-72	44	739	.02	30	55
21-29-0402	6554603	1348259	4-66	4	305	19,225	3.71	714	41	16,190	3.54	573		10-72	44	656	.04	29	51
21-29-0402	7055112	1348259	5-68	3	305	20,487	3.36	688	40	16,367	3.51	575		11-72	42	762	-.02	24	51
21-29-0403	5916018	1244009	6-63	7	294	19,945	3.42	682	19	16,495	3.70	611		10-71	44	840	-.07	19	50
21-29-0403	7648268	1389471	10-68	2	305	21,715	3.23	702	18	14,480	3.68	533		10-72	40	881	-.08	19	52
21-29-0419	7307184	1458744	5-69	2	305	20,605	3.14	647	19	16,425	3.38	555		4-73	40	861	-.05	23	54
21-29-0419	7647808	1308101	8-70	1	305	18,690	3.32	620	35	16,330	3.29	538		11-72	36	814	-.03	25	54
21-29-0422	7306129	010291281	3-66	2	305	17,950	3.59	644	5	15,595	3.54	552		2-73	35	687	.01	26	50
21-29-0435	4929200	1294095	3-59	10	305	20,611	3.98	820	36	15,742	3.70	583		10-72	36	932	.07	45	76
21-29-0435	6190588	1239242	6-64	5	302	19,750	3.25	641	37	14,034	3.53	496		12-72	44	863	-.06	22	54
21-29-0435	7606311	1347940	7-69	2	275	23,345	3.32	774	19	15,340	3.60	553		3-73	40	1,295	-.04	40	86
21-29-0438	6885961	1377691	8-67	3	297	20,863	3.30	689	30	15,876	3.53	561		11-72	42	804	-.05	21	50
21-29-0438	7236066	1408080	11-68	2	305	19,875	3.51	698	33	15,395	3.54	545		11-72	40	766	-.04	22	50
21-29-0464	6967274	1278644	1-67	1	305	23,130	3.33	771	17	15,540	3.51	546		12-72	36	931	-.07	22	56
21-29-0466	7421709	1427381	11-69	1	305	15,830	3.42	542	17	11,980	3.68	441		7-72	36	958	.02	38	71
21-29-0467	7219112	1458744	12-68	3	283	18,833	3.44	647	13	16,036	3.48	558		2-73	42	740	-.02	24	50
21-29-0488	6586174	1368763	2-66	4	305	21,820	3.77	822	16	15,337	3.41	523		11-72	44	864	.01	32	62
21-29-0556	5240252	1350613	12-60	5	299	21,830	3.77	823	15	17,556	3.50	614		5-72	38	592	.08	33	52
21-29-0556	7258666	1487403	8-68	3	286	20,443	3.92	802	15	16,860	3.38	570		3-73	33	511	.11	35	50

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-29-0556	7588589	1487095	3-70	1	305	21,860	3.54	774	13	15,550	3.61	561	12-72		26	910	-.06	23	$ 56
21-29-0556	7722055	1487095	8-70	1	305	23,200	3.42	793	18	16,120	3.55	573	1-73		26	986	-.07	24	60
21-29-0624	5607077	1268762	11-61	5	270	18,664	4.10	765	31	15,028	3.71	557	3-72		39	556	.11	36	53
21-29-0624	7589259	1387978	5-69	1	305	18,470	3.54	653	56	13,980	3.64	509	12-72		36	745	-.02	24	50
21-29-0743	6494647	1438252	9-65	4	302	19,405	3.85	747	17	15,168	3.64	552	5-72		30	661	.05	31	53
21-29-0743	6816877	1237057	8-66	2	305	21,770	3.79	826	24	17,055	3.52	601	10-71		40	724	.00	26	51
21-29-0743	7691282	1481198	2-70	1	305	22,780	3.29	750	13	15,100	3.48	525	10-72		26	879	-.08	19	52
21-29-0772	7436619	1450228	10-69	2	305	19,005	3.43	651	40	15,430	3.57	551	2-73		40	854	-.04	25	56
21-29-0772	7638298	1450228	3-70	1	305	19,930	3.51	699	47	13,610	3.61	492	8-72		36	961	-.03	30	64
21-29-0772	7638300	1261857	3-70	1	305	22,090	3.29	727	42	13,410	3.64	488	7-72		36	965	.02	38	71
21-29-0772	7638303	1261857	4-70	1	305	19,730	3.54	699	44	13,310	3.61	481	8-72		36	795	.05	36	63
21-29-0772	7730329	1450228	8-70	1	305	21,630	3.41	737	35	15,350	3.58	549	3-73		36	983	-.04	29	64
21-29-0800	6554905	1452090	11-65	6	305	24,821	3.15	781	41	18,403	3.43	632	12-72		44	1,057	-.11	20	60
21-29-0800	6712661	1278644	10-66	5	304	24,950	3.36	838	36	18,470	3.41	629	10-72		44	1,243	-.07	34	79
21-29-0905	6315735	1278644	12-64	4	305	19,173	3.39	650	19	14,483	3.53	511	5-72		44	888	-.07	21	54
21-29-0905	6519842	1389471	12-65	5	305	19,832	3.24	642	51	13,972	3.54	495	10-72		44	878	-.07	20	52
21-29-0905	7286412	1497509	10-68	3	305	16,676	4.07	678	32	13,753	3.53	485	3-73		39	635	.09	36	56
21-29-0937	6347984	1239886	2-65	6	305	20,768	3.05	633	17	15,532	3.54	550	10-72		44	809	-.06	20	50
21-30-0010	7557446	1261857	3-70	1	305	20,280	3.40	689	44	14,520	3.36	488	7-72		36	764	.05	35	60
21-30-0010	7558294	1450228	2-70	1	305	21,310	3.06	652	45	14,540	3.38	491	7-72		36	1,008	-.07	26	63
21-30-0010	7754765	1450228	9-70	1	305	18,410	3.70	681	32	15,520	3.49	542	2-73		36	733	-.01	25	51
21-30-0012	5048505	1331494	7-59	11	303	20,314	3.72	755	8	15,560	3.53	550	8-72		36	1,068	.00	39	76
21-30-0012	7376838	1427381	7-69	2	294	19,165	3.79	727	9	16,220	3.55	576	12-72	B	40	999	.06	46	79
21-30-0012	7878553	1427381	3-70	1	305	21,970	3.45	758	11	15,590	3.75	584	8-72		36	1,200	-.02	46	87
21-30-0023	7303833	1377691	12-68	2	305	22,400	3.43	768	32	16,190	3.41	552	9-72		40	871	-.02	28	59
21-30-0031	6499403	1406271	1-66	5	303	22,028	3.40	748	27	18,634	3.56	663	2-72		44	890	.00	32	63
21-30-0031	6608453	1406271	8-66	5	303	22,360	3.48	779	41	18,402	3.52	647	11-72		44	957	.02	38	71
21-30-0031	6873864	1278644	7-67	3	305	22,180	3.51	779	26	18,480	3.44	636	5-72		42	834	-.05	23	53
21-30-0031	7144516	1399203	7-68	3	305	23,076	3.34	771	39	18,743	3.48	652	1-73		42	822	-.06	21	51
21-30-0031	7452784	1450228	7-69	2	303	23,115	3.38	781	37	18,610	3.49	650	1-73		40	1,013	-.04	30	66
21-30-0031	7452786	1450228	10-69	2	301	22,770	3.32	757	29	18,620	3.49	649	2-73		40	977	-.05	27	62
21-30-0031	7727953	1531866	9-70	1	305	24,540	3.31	812	47	18,440	3.52	649	12-72		34	924	-.07	23	57
21-30-0033	6797632	1458744	12-66	3	305	20,180	3.64	734	9	13,763	3.49	481	1-73		42	1,105	.01	41	79
21-30-0095	6303433	1085978	1-65	4	305	20,328	3.66	744	30	15,843	3.71	588	4-72		44	839	-.01	29	58
21-30-0095	6370684	1348259	9-65	5	298	20,686	3.69	764	23	17,050	3.68	627	1-73		44	771	.01	30	57
21-30-0154	6670478	1348259	12-65	5	302	20,312	3.78	768	8	17,338	3.58	620	4-72		44	693	.04	31	54
21-30-0154	6935940	1348259	8-66	5	304	21,162	3.45	731	21	18,026	3.52	635	2-73		44	732	-.01	25	51
21-30-0154	6935941	1331428	8-67	4	305	23,650	3.48	822	22	18,180	3.48	632	12-72		44	769	.00	27	54
21-30-0154	7119806	1458744	10-67	3	303	24,493	2.98	729	20	18,000	3.54	637	12-72		42	1,211	-.11	26	71
21-30-0189	6266282	1239886	8-64	6	304	18,758	3.35	629	27	13,615	3.66	498	9-72		44	747	-.01	25	51
21-30-0189	7596702	1536450	1-70	1	305	17,840	3.73	665	20	11,890	3.75	446	7-72		33	928	-.01	32	65
21-30-0200	5767892	1239886	12-62	6	305	20,012	3.72	744	40	13,825	3.54	490	2-72		44	887	.05	40	70
21-30-0200	7503761	1535939	10-69	1	305	21,210	3.22	682	63	12,750	3.55	453	6-72		31	995	-.08	24	61
21-30-0200	7503763	1511196	5-69	2	302	23,425	2.74	642	53	14,935	3.54	529	12-72		28	987	-.14	14	52
21-30-0200	7503773	1419528	3-69	2	300	19,485	3.59	700	61	14,345	3.59	515	11-72		40	753	.03	31	57
21-30-0202	6716007	1348259	1-67	4	300	20,543	4.01	823	122	16,620	3.74	621	1-72		44	776	.06	37	63
21-30-0202	6922661	1348259	8-67	3	305	22,780	3.73	850	119	16,803	3.77	633	1-72		42	986	.01	37	71
21-30-0202	6922677	1312008	10-67	3	305	21,640	4.08	883	107	16,957	3.75	636	3-72		42	678	.11	41	62
21-30-0202	6939812	1278644	10-67	4	301	19,583	4.37	856	112	16,278	3.82	622	12-72		44	761	.06	36	61
21-30-0202	7363935	1290716	4-69	2	305	21,185	4.05	859	123	16,340	3.78	618	9-72		40	518	.13	39	54
21-30-0202	7469398	1535939	10-69	2	301	19,520	3.79	739	90	15,800	3.81	602	4-73		36	749	-.03	23	50
21-30-0202	7469400	1419528	10-69	2	297	20,465	3.87	792	118	15,755	3.86	608	10-72		40	738	.04	33	58
21-30-0202	7610606	1404202	3-70	2	293	21,885	3.31	725	92	15,890	3.83	609	2-73		40	958	-.11	17	53
21-30-0202	7610607	1377691	2-70	1	305	23,150	3.50	810	103	15,670	3.78	592	3-72		36	795	-.04	23	52
21-30-0202	7610608	1377691	2-70	1	305	25,120	3.29	826	103	15,670	3.78	592	3-72		36	942	-.06	24	58
21-30-0203	6948833	1494613	8-67	4	305	21,960	3.03	665	38	15,060	3.41	513	1-73		33	1,271	-.13	25	73
21-30-0203	7278691	1427381	10-68	2	304	17,595	3.50	615	16	14,705	3.48	512	4-72		40	962	.03	40	73
21-30-0203	7560758	1427381	10-69	2	305	17,190	3.19	549	40	14,035	3.40	477	1-73		40	976	.01	36	70
21-30-0203	7604124	1427381	12-69	1	305	17,540	3.39	595	34	12,720	3.42	435	11-72		36	1,041	.03	42	78
21-30-0309	7316277	1312008	11-68	2	305	21,140	3.62	766	40	16,620	3.48	579	9-72		40	588	.06	31	50
21-30-0348	7024999	1377691	11-67	4	303	21,535	3.39	730	11	16,020	3.55	569	2-73		44	913	-.04	28	59
21-30-0349	6657960	1465608	8-66	4	304	20,005	3.76	753	54	15,638	3.47	542	8-72		34	595	.06	31	50
21-30-0349	7175957	1488803	10-68	2	305	20,995	3.65	767	42	16,480	3.44	567	11-72		29	697	.04	31	54
21-30-0349	7412926	1458744	8-69	2	305	21,025	3.51	738	50	15,855	3.33	528	9-72		40	950	.01	35	68
21-30-0349	7412929	1458744	9-69	2	305	20,645	2.93	605	37	16,585	3.33	553	2-73		40	852	-.08	19	51
21-30-0349	7412937	1427381	8-69	2	305	19,045	3.10	590	37	16,425	3.34	549	2-73		40	970	.00	35	69
21-30-0349	7412939	1427381	9-69	1	305	19,300	3.22	621	36	17,350	3.28	569	4-72		36	896	.02	36	67
21-30-0349	7548567	1419528	10-69	1	305	24,570	3.13	769	53	16,000	3.29	526	6-72		36	911	-.01	31	63
21-30-0349	7671313	1458744	8-70	1	305	20,590	3.23	666	12	14,790	3.59	531	4-73		36	860	-.04	24	55
21-30-0362	7410690	1419528	9-69	1	305	23,130	3.20	740	22	15,990	3.63	581	10-72		36	805	-.02	26	55
21-30-0407	6758241	1348259	10-66	3	305	19,997	3.89	777	35	16,403	3.68	604	1-72		42	703	.04	32	55
21-30-0407	6936921	1273756	8-67	4	305	19,235	3.67	705	26	16,415	3.72	610	3-73		44	683	.02	28	51
21-30-0407	7485328	1537060	11-69	1	305	19,670	4.27	839	53	15,970	3.86	616	8-72		31	600	.07	32	51
21-30-0532	6940642	1273756	11-67	3	305	22,083	3.26	721	58	16,340	3.46	565	1-73		42	997	-.01	34	69
21-30-0532	7073277	1273756	6-68	3	303	18,423	3.90	719	61	16,430	3.44	566	11-72		42	568	.08	33	51
21-30-0532	7302910	1404202	5-69	2	305	21,355	3.17	678	68	15,755	3.48	548	9-72		40	915	-.10	17	51
21-30-0532	7610757	1408080	7-70	1	305	22,720	3.48	791	72	15,790	3.43	541	10-72		36	848	-.03	26	56
21-30-0532	7610765	1273756	3-70	1	305	22,730	3.08	700	71	16,180	3.46	560	7-72		36	838	-.02	27	57
21-30-0532	7698256	1408080	8-70	1	305	23,330	3.47	810	73	15,830	3.47	550	12-72		36	892	-.03	27	59
21-30-0672	7455860	1348259	7-69	2	293	18,255	3.58	654	56	13,655	3.68	503	12-72		40	704	.00	25	50
21-30-0695	7088169	1427381	6-68	1	305	22,280	3.46	771	41	16,630	3.47	577	9-71		36	1,161	.03	47	87
21-30-0821	6481102	1421412	1-66	5	301	21,444	3.52	755	34	17,018	3.52	599	12-72		35	958	-.01	33	67
21-30-0821	6760530	1216957	12-66	3	305	23,470	3.36	789	36	17,043	3.50	596	4-72		42	781	-.01	27	54
21-30-0821	7475536	1492714	9-69	2	300	23,760	3.27	776	45	16,995	3.52	598	9-72		29	984	-.04	29	64
21-30-0821	7744749	1458744	8-70	1	305	22,510	3.64	820	50	16,510	3.59	592	9-72		36	900	.00	32	63

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
21-30-0821	7744751	1427381	9-70	1	305	19,250	3.52	677	44	16,740	3.57	598	8-72	36	929	.04	39	$ 70
21-30-0919	7571002	1427381	4-70	1	305	22,280	3.35	747	15	16,460	3.44	567	2-73	36	1,171	.02	46	86
21-30-0919	7834137	1427381	1-70	1	305	18,650	3.47	648	11	16,750	3.49	584	3-73	36	884	.03	37	67
21-30-0976	7582597	1408080	9-68	2	305	21,875	3.25	711	42	16,210	3.56	577	5-72	40	903	-.07	21	54
21-31-0002	7173963	1458744	7-68	3	294	17,630	3.82	673	23	15,296	3.47	531	10-72	42	670	.03	29	52
21-31-0019	7274044	1513749	11-68	2	305	24,790	3.26	808	33	17,760	3.32	590	2-72	25	969	-.03	30	65
21-31-0019	7580415	1545451	2-70	1	305	24,910	3.05	759	42	16,180	3.40	482	7-72	19	1,011	-.07	26	63
21-31-0045	7290269	1427381	11-68	2	174	18,230	3.56	649	17	16,545	3.40	562	5-72	B 40	877	.05	39	68
21-31-0045	7421909	1427381	6-69	1	177	20,620	4.04	834	25	17,330	3.51	609	12-71	B 36	996	.09	50	82
21-31-0147	7141998	1387978	7-68	3	274	16,483	3.91	644	27	14,287	3.44	492	2-73	42	626	.05	30	51
21-31-0147	8150953	1466511	3-71	1	305	25,920	3.27	848	33	13,630	3.51	479	11-72	35	1,020	-.03	32	68
21-31-0192	6549219	1270932	10-65	4	305	19,208	4.03	774	19	14,335	3.57	512	11-72	44	695	.05	32	55
21-31-0192	7809868	1348259	9-69	1	305	22,120	3.56	788	7	13,500	3.65	493	4-72	36	899	.00	32	63
21-31-0192	7809873	1458744	10-70	1	305	20,840	3.26	680	21	14,050	3.60	506	12-72	36	923	-.05	26	59
21-31-0200	5702612	1239886	9-62	5	305	19,894	3.99	793	26	16,354	3.47	567	7-72	44	611	.11	39	58
21-31-0200	7592430	1427381	11-69	1	305	22,850	3.42	781	26	16,410	3.44	564	6-72	36	1,217	.03	49	91
21-31-0200	7592431	1427381	11-69	1	305	19,150	3.38	647	45	16,100	3.51	565	10-72	36	960	.03	39	72
21-31-0215	7978706	1458744	6-70	1	305	20,280	3.50	710	26	16,150	3.68	595	8-72	36	756	-.03	23	50
21-31-0221	6497284	1085978	8-64	6	297	19,973	3.11	622	34	15,522	3.44	534	5-72	44	849	-.07	20	51
21-31-0239	6464714	1239886	12-65	5	303	20,064	3.31	664	19	14,368	3.58	514	2-72	44	838	-.02	27	57
21-31-0305	7118991	1458744	6-68	2	302	21,990	3.57	785	26	17,640	3.77	665	8-72	40	903	-.03	28	60
21-31-0305	7325172	1491007	12-68	3	305	19,193	3.65	701	19	16,743	3.61	604	4-73	42	799	.01	31	58
21-31-0305	7635639	1348259	9-68	2	305	21,840	3.43	750	30	17,605	3.60	634	2-73	40	747	-.02	24	50
21-31-0394	6122132	1406271	8-64	5	294	18,576	3.57	664	27	16,628	3.58	595	4-72	44	652	.03	28	50
21-31-0394	7385022	1389471	9-68	2	305	22,295	3.59	800	32	16,350	3.61	591	9-72	40	788	-.03	24	52
21-31-0394	7501640	1427381	12-69	1	305	19,310	4.11	793	20	17,810	3.45	614	1-72	36	870	.10	47	75
21-31-0394	7878879	1458744	10-70	1	305	24,390	3.70	903	17	17,380	3.56	618	3-73	36	989	.00	36	70
21-31-0428	6962150	1458744	12-67	3	295	16,860	3.70	623	17	13,886	3.59	499	7-72	42	711	.01	27	52
21-31-0428	7649857	1427381	11-69	1	305	15,960	4.25	679	26	13,810	3.75	518	7-72	36	858	.08	44	72
21-31-0429	6186905	1285709	6-64	6	305	22,915	3.21	735	41	16,612	3.58	595	5-72	44	978	-.09	21	57
21-31-0429	7732492	1312008	11-70	1	305	23,570	3.49	823	28	17,290	3.39	586	2-73	36	601	.06	30	50
21-31-0431	6620841	1348259	9-66	4	302	21,433	3.33	714	25	15,810	3.54	559	7-72	44	966	-.03	30	64
21-31-0431	7055524	1278644	12-67	2	305	21,250	2.95	626	19	14,905	3.48	518	6-72	40	981	-.12	16	53
21-31-0431	7168718	1348259	9-68	3	305	20,127	3.38	681	25	15,903	3.44	547	2-73	42	764	-.01	26	53
21-31-0450	7390586	1458744	4-69	1	305	17,320	3.93	680	19	13,560	3.70	502	4-72	36	690	.01	27	51
21-31-0450	7791430	1427381	5-70	1	305	20,360	3.12	636	16	14,380	3.71	533	10-72	36	1,152	-.01	40	80
21-31-0450	7960890	1427381	10-70	1	305	17,080	4.00	684	7	14,350	3.67	526	4-73	36	910	.07	44	74
21-31-0450	7960897	1427381	9-70	1	305	17,660	3.69	652	12	15,250	3.76	573	12-72	36	899	.04	38	68
21-31-0460	7087530	1458744	9-67	3	297	22,233	3.04	676	21	15,040	3.43	516	1-73	42	1,223	-.08	31	76
21-31-0461	7328894	1427381	7-68	2	263	18,575	3.79	704	9	16,655	3.42	569	1-73	40	903	.07	44	74
21-31-0461	7960640	1458744	11-70	1	305	20,520	3.53	724	16	16,570	3.49	578	12-72	36	749	-.01	26	52
21-31-0601	7695688	1447414	5-70	1	305	18,970	3.35	636	36	16,790	3.49	586	6-72	36	801	-.04	22	51
21-31-0601	7979294	1447414	12-69	2	305	20,545	3.27	672	51	17,965	3.41	612	1-73	40	900	-.05	24	57
21-31-0621	6248590	1244009	11-64	6	305	21,976	3.27	719	30	18,065	3.45	624	6-72	44	940	-.07	23	57
21-31-0621	7039773	1491000	1-68	3	305	22,460	3.55	797	26	17,976	3.33	599	12-72	38	1,061	.02	41	70
21-31-0621	7441413	1399283	9-69	2	305	23,790	3.24	770	36	18,810	3.38	635	3-73	40	827	-.06	20	50
21-31-0621	7441422	1432733	8-69	2	305	22,035	3.34	737	33	18,200	3.41	621	12-72	40	762	-.02	24	51
21-31-0621	7557264	1508308	8-69	2	305	23,695	3.16	749	37	18,230	3.43	625	1-73	35	856	-.04	24	55
21-31-0621	7557266	1525369	11-69	1	305	25,150	3.37	848	41	19,650	3.42	672	2-72	31	822	-.04	23	53
21-31-0693	5985280	1239886	12-63	6	303	20,933	3.43	717	32	16,640	3.47	578	7-72	44	716	.01	28	53
21-31-0693	6672511	1348259	10-66	4	305	23,380	3.28	768	35	17,098	3.45	590	2-73	44	1,079	-.04	33	72
21-31-0693	7352594	1389471	11-68	3	305	20,663	3.73	770	37	15,947	3.59	572	2-73	42	717	.00	26	51
21-31-0738	6162448	1437721	7-64	6	305	27,358	3.71	1014	25	18,602	3.56	663	12-72	35	1,465	.04	59	109
21-31-0738	7686107	1538745	4-70	1	305	22,480	3.86	868	25	16,150	3.50	565	7-72	19	631	.05	30	51
21-31-0939	7447622	1526102	6-69	2	305	22,430	3.09	693	34	17,130	3.65	626	11-72	37	746	-.01	25	51
21-31-0939	7447625	1419528	7-69	2	305	22,545	3.33	750	29	17,210	3.61	621	2-73	40	831	-.01	28	57
21-31-0939	7671159	1419528	6-70	1	305	23,830	3.41	813	24	16,570	3.58	593	8-72	36	822	.01	31	59
21-32-0031	6731182	1347940	10-66	2	305	19,280	3.56	687	27	14,295	3.73	533	9-72	40	967	-.01	33	67
21-32-0031	7070484	1489434	2-68	3	303	20,327	3.46	703	23	15,160	3.64	552	3-72	29	752	-.03	23	50
21-32-0031	7730823	1427381	12-70	1	305	17,210	4.06	699	25	14,880	3.81	567	11-72	36	888	.06	42	71
21-32-0054	6497317	1342755	8-65	4	305	20,505	3.98	816	28	17,050	3.64	621	4-72	35	600	.11	38	56
21-32-0054	6836098	1454921	11-66	5	288	20,744	3.37	700	27	16,888	3.68	621	3-73	36	845	-.07	20	51
21-32-0092	6407859	1347940	8-65	3	304	16,553	3.65	605	12	13,796	3.58	494	7-72	42	750	.01	28	54
21-32-0092	6412629	1347940	10-65	5	299	15,900	3.72	591	13	13,764	3.55	488	1-73	44	689	.02	28	51
21-32-0092	6926780	1347940	1-67	4	300	17,682	3.23	571	13	13,655	3.52	481	7-72	44	915	-.04	26	59
21-32-0092	7127477	1347940	3-68	3	305	17,480	3.48	609	11	14,100	3.52	497	7-72	42	829	-.01	29	58
21-32-0092	7342987	1347940	8-67	3	305	18,626	3.40	633	13	14,483	3.58	518	4-72	42	926	-.03	29	62
21-32-0092	7472150	1347940	8-69	2	305	16,235	3.59	583	12	12,485	3.61	451	10-72	40	805	.00	29	57
21-32-0092	7564847	1347940	9-69	1	305	16,800	3.68	618	14	13,150	3.44	452	7-72	36	748	.02	30	56
21-32-0094	6735732	1347940	8-66	4	252	16,882	3.68	621	17	14,285	3.62	517	11-72	B 44	754	.01	29	55
21-32-0094	6735736	1347940	9-66	3	300	16,923	3.61	611	15	14,276	3.67	524	11-71	42	749	-.01	26	52
21-32-0094	6926031	1347940	8-67	3	278	18,093	4.02	727	12	14,500	3.54	514	7-72	B 42	863	.06	41	69
21-32-0094	7134952	1347940	1-68	3	275	17,236	3.79	653	7	14,760	3.49	515	7-72	B 42	740	.04	32	57
21-32-0096	6970431	1347940	1-68	2	303	18,125	3.70	670	13	15,400	3.59	553	6-72	40	760	.02	30	56
21-32-0096	7404607	1320310	6-69	2	305	20,800	3.48	724	24	16,100	3.45	555	10-72	40	1,055	-.04	32	70
21-32-0096	7404612	1347940	10-69	2	305	17,740	3.57	633	28	14,920	3.40	507	2-73	40	760	.02	30	56
21-32-0096	7467843	1347940	1-70	1	305	19,150	3.68	704	18	15,720	3.58	563	8-72	36	770	.01	29	56
21-32-0096	7525730	1347940	4-70	1	305	19,620	3.76	737	15	14,400	3.71	534	7-72	36	883	.01	34	64
21-32-0096	7673083	1347940	8-70	1	299	19,020	3.40	646	32	15,350	3.44	528	12-72	36	782	-.01	27	54
21-32-0097	5915518	1272013	11-63	8	300	22,216	3.56	790	50	16,266	3.76	612	11-72	44	1,032	-.06	28	65
21-32-0097	6048195	1239886	12-63	7	301	19,466	4.08	794	39	16,244	3.76	611	6-72	44	567	.09	34	52
21-32-0097	6246724	1312008	9-64	6	305	21,532	3.43	739	33	15,923	3.71	591	1-73	44	839	.01	31	60
21-32-0097	6735874	1278644	1-67	3	305	22,390	3.45	773	44	16,293	3.74	609	10-72	42	1,059	-.08	25	64
21-32-0097	7559151	1526102	7-69	2	305	19,140	4.29	822	42	16,050	3.68	590	2-73	37	487	.16	42	55
21-32-0097	7559153	1347940	9-69	2	298	19,950	3.46	690	61	15,525	3.68	571	9-72	40	935	-.02	30	63

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT D	(%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-32-0102	7017326	1492243	12-67	3	303	18,706	3.86	722	19	15,730	3.61	568	7-72			38	732	.02	30	$ 55
21-32-0124	6159812	1085978	10-64	7	263	20,333	3.97	807	26	16,574	3.53	585	3-73	B		44	787	.07	39	65
21-32-0124	7388391	1520161	7-69	1	290	19,510	3.37	658	42	15,060	3.65	550	10-71			33	675	.08	37	58
21-32-0124	7645025	1347940	8-70	1	305	19,090	3.95	754	16	14,550	3.69	537	5-72			36	835	.03	35	63
21-32-0142	7026239	1485272	2-67	4	282	22,355	3.48	778	8	17,602	3.38	595	7-72	B		39	910	.02	36	67
21-32-0158	8165227	1406271	11-70	1	305	21,920	3.43	751	9	16,290	3.60	586	4-73			36	843	.02	33	62
21-32-0168	7638239	1458744	9-68	3	301	18,050	3.46	624	18	13,880	3.50	486	3-73			42	849	-.02	28	50
21-32-0168	7918645	1427381	7-70	1	304	16,720	3.48	582	22	14,580	3.51	512	11-72			36	869	.04	37	66
21-32-0174	6625527	1429519	10-66	3	305	20,180	3.39	685	34	14,403	3.53	508	2-72			32	902	-.04	26	58
21-32-0180	6305437	1268294	1-65	6	305	22,151	3.54	784	35	16,156	3.70	597	12-72			44	970	-.05	27	62
21-32-0180	6531394	1315612	12-65	5	305	20,724	4.11	852	26	16,218	3.75	608	5-72			44	579	.09	34	52
21-32-0180	7114810	1282936	6-68	2	305	22,170	3.48	772	31	15,655	3.74	586	8-72			40	829	-.03	25	55
21-32-0181	6135550	1085978	10-64	6	302	22,922	3.32	760	58	17,053	3.48	593	3-73			44	1,072	-.04	32	70
21-32-0181	6214353	1085978	10-64	6	303	21,823	3.38	737	49	17,502	3.44	602	12-72			44	883	-.02	28	59
21-32-0181	6305761	1410708	1-65	6	305	19,287	3.64	703	51	16,998	3.48	591	3-73			38	624	.05	30	51
21-32-0181	6305762	1410708	1-65	2	305	24,150	3.18	767	61	18,205	3.39	618	2-72			33	1,004	-.02	33	68
21-32-0181	6802955	1261857	3-67	4	303	19,928	3.60	718	72	17,218	3.51	604	11-72			44	697	.06	34	57
21-32-0181	6954172	1347940	8-67	4	305	21,695	3.32	720	68	17,782	3.47	617	2-73			44	1,003	-.03	31	67
21-32-0181	7200707	1481385	11-68	2	305	21,965	3.55	780	25	16,630	3.49	580	5-72			29	829	.00	30	59
21-32-0181	7289232	1458744	7-68	3	303	20,953	3.72	779	73	17,823	3.49	612	12-72			42	848	.02	34	63
21-32-0182	7050142	1347940	5-68	2	305	15,805	3.42	541	18	12,830	3.52	452	6-72			40	733	-.01	25	51
21-32-0206	7127614	1458744	8-68	2	295	22,325	3.38	755	51	15,410	3.55	547	9-72			40	1,110	-.03	39	75
21-32-0220	6432950	1406663	10-65	5	299	19,896	3.33	663	14	14,564	3.42	498	9-72			32	844	-.03	26	56
21-32-0220	6574456	1382546	5-66	5	290	20,214	2.69	544	11	14,310	3.42	489	11-72			38	1,002	-.18	10	52
21-32-0226	6214342	1389471	2-64	5	305	22,792	3.59	819	21	17,308	3.46	599	1-72			44	916	-.01	32	64
21-32-0226	6767664	1441738	1-67	4	287	20,220	3.44	696	10	15,030	3.57	536	7-72	B		37	837	-.05	23	53
21-32-0226	7674702	1347940	7-69	2	202	20,735	3.55	736	9	17,745	3.63	644	10-72	B		40	835	-.01	29	58
21-32-0235	6640386	1348259	5-66	4	305	19,603	4.05	793	12	16,483	3.51	578	8-72			44	674	.09	38	59
21-32-0235	6940444	1259069	9-67	3	235	24,390	3.54	864	11	17,230	3.59	618	8-72			42	1,009	-.03	32	68
21-32-0235	7850521	1458744	10-70	1	305	22,700	3.40	772	13	16,130	3.57	576	1-73			36	937	-.03	29	62
21-32-0245	7256651	1419528	7-68	3	264	18,827	3.39	639	7	13,797	3.75	517	12-72			42	789	-.02	26	54
21-32-0454	7173939	010275932	7-68	3	290	22,220	3.54	787	22	16,260	3.98	647	1-73			42	833	-.03	26	56
21-32-0454	7242056	1496750	11-68	2	305	20,800	3.88	808	23	15,445	3.95	610	8-72			38	798	.01	31	58
21-32-0512	7081661	1458744	10-67	3	305	16,866	3.46	583	21	12,563	3.45	434	1-73			42	834	-.01	28	57
21-32-0538	6176787	1085978	10-64	6	299	19,423	3.33	647	22	15,372	3.59	552	6-72			44	794	-.05	21	50
21-32-0538	6919429	1348259	9-67	4	300	21,408	3.34	715	12	16,645	3.63	604	1-73			44	880	-.04	26	58
21-32-0538	7437077	1377691	10-69	2	305	21,835	3.44	751	17	16,575	3.58	593	1-73			40	782	-.03	23	51
21-32-0569	7276546	1419528	3-69	2	305	20,910	3.31	693	30	16,250	3.51	571	7-72			40	743	.00	26	52
21-32-0695	7587663	1427381	1-70	1	305	19,760	3.29	650	5	12,650	3.30	418	6-72			36	1,211	.03	40	89
21-32-0707	5388081	1085978	8-61	8	305	18,144	3.55	644	9	14,198	3.60	511	4-72			44	750	-.01	25	51
21-32-0746	7562648	1404931	10-68	3	299	19,723	3.62	714	49	15,313	3.56	545	11-72			42	802	-.04	22	51
21-32-0746	7567985	1427381	4-70	1	305	17,890	3.61	645	45	15,180	3.59	545	7-72			36	920	.04	40	71
21-32-0812	7577420	1447414	8-69	1	305	16,300	3.62	590	9	13,890	3.49	485	3-72			36	775	-.02	25	52
21-32-0853	7049562	1348259	9-67	4	305	22,065	3.65	806	25	18,313	3.64	667	2-73			44	797	.01	30	58
21-32-0957	7180142	1348259	2-67	4	292	20,813	3.65	759	27	16,915	3.52	582	11-72			44	820	.02	33	61
21-33-0048	7428449	1404202	4-69	1	305	24,960	3.03	756	29	15,720	3.63	571	7-72			36	1,050	-.13	18	58
21-33-0048	7626059	1348259	3-70	1	305	22,940	3.53	810	15	17,450	3.47	605	12-72			36	724	.01	27	52
21-33-0117	7142703	1479329	6-67	4	296	20,482	3.13	641	17	15,537	3.55	552	1-73			35	1,025	-.11	20	58
21-33-0117	7729974	1450228	10-70	1	305	21,520	3.61	777	26	17,790	3.60	640	1-73			36	830	-.02	27	56
21-33-0120	7550639	1387978	1-69	1	305	22,760	3.04	693	9	17,060	3.49	595	3-72			36	881	-.06	22	54
21-33-0120	7573343	1387978	7-69	2	203	19,895	3.29	655	6	16,700	3.40	568	1-73	B		40	761	-.03	23	50
21-33-0123	7703157	1419528	5-69	1	305	18,900	3.62	684	20	13,410	3.43	460	6-72			36	643	.04	29	50
21-33-0149	7142720	1427381	6-68	3	258	16,863	3.49	589	14	14,240	3.59	511	2-73			42	938	.02	37	69
21-33-0517	6586131	1406271	2-66	5	298	17,978	3.80	684	48	16,232	3.63	590	5-72			44	616	.06	31	51
21-33-0517	6772763	1484127	12-66	4	305	22,108	3.66	787	49	16,155	3.65	590	7-72	H		30	952	-.01	32	66
21-33-0517	6843620	1222994	6-67	4	299	19,340	3.75	725	74	15,838	3.68	583	10-72			44	712	.02	29	53
21-33-0517	6964673	1406271	8-67	3	303	18,620	4.15	773	35	16,347	3.69	603	3-72			42	663	.10	39	60
21-33-0517	7029413	1406271	11-67	3	305	19,263	3.64	701	47	16,377	3.63	595	1-73			42	734	.04	32	57
21-33-0517	7446391	1427381	9-69	1	296	16,800	3.77	634	92	14,420	3.68	531	8-72			36	885	.05	40	70
21-33-0517	7713557	1427381	6-70	1	305	18,180	3.70	672	45	14,880	3.50	521	1-73			36	960	.05	43	75
21-33-0517	7713558	1427381	6-70	1	305	16,490	3.60	593	45	14,880	3.50	521	1-73			36	834	.05	37	65
21-33-0517	7816565	1427381	10-70	1	305	17,470	3.17	553	45	14,880	3.50	521	1-73			36	907	.01	34	65
21-33-0517	7850850	1427381	12-70	1	305	17,150	3.88	665	45	14,880	3.50	521	1-73			36	883	.07	42	71
21-34-0074	7320945	1419528	10-68	3	292	21,393	3.43	733	18	17,300	3.56	616	1-73			42	762	.00	28	54
21-34-0095	6983799	1278644	8-67	2	305	21,495	3.01	647	28	14,950	3.36	503	2-73			40	1,002	-.11	19	57
21-34-0095	6988067	1413165	10-67	3	305	19,713	3.06	604	20	13,273	3.47	460	11-72			42	1,016	-.14	14	53
21-34-0111	7312099	1490825	7-68	2	305	21,950	3.11	682	21	14,340	3.51	503	5-72			30	1,069	-.09	25	64
21-34-0121	6537600	1467994	8-65	5	290	18,388	3.59	661	13	13,570	3.66	496	2-72			32	731	.00	26	52
21-34-0123	6683050	1348259	8-66	5	305	21,332	3.19	681	20	15,712	3.56	559	2-73			44	992	-.06	27	63
21-34-0155	7115151	1408080	3-68	2	305	21,870	3.41	745	20	15,470	3.60	557	2-73			40	963	-.06	26	61
21-34-0155	7150944	1347940	10-68	1	305	19,340	3.55	686	25	15,440	3.67	567	10-71			36	801	-.01	28	56
21-34-0156	6438669	1417208	11-65	3	305	22,087	3.37	745	12	15,927	3.60	574	4-72			42	1,058	-.03	33	71
21-34-0156	6663710	1476679	11-66	3	243	21,083	3.73	787	9	16,833	3.76	633	12-71			39	861	-.01	30	60
21-34-0156	7597979	1450228	5-70	1	305	17,070	3.26	557	12	12,210	3.62	442	8-72			36	831	-.05	22	52
21-34-0216	6701087	1085978	2-65	6	305	19,907	3.45	686	29	16,153	3.67	593	3-73			44	776	-.04	22	50
21-34-0216	7517551	1419528	11-69	2	305	21,295	3.37	718	30	15,600	3.65	570	3-73			40	835	-.01	29	58
21-34-0376	7587902	1450228	1-70	1	305	20,900	3.34	699	44	15,000	3.37	505	11-72			36	950	-.03	29	63
21-34-0531	6667470	1478272	12-66	2	266	15,960	3.44	549	32	12,280	3.49	429	9-72			34	851	.01	32	61
21-34-0555	6667018	1378792	6-66	5	302	20,736	3.44	713	16	16,398	3.55	582	7-72			38	902	-.05	25	58
21-34-0665	6953735	1261857	9-67	4	301	19,040	3.64	694	24	16,308	3.50	570	8-72			44	677	.07	35	57
21-34-0665	7199577	1387978	7-68	3	304	20,840	3.51	731	26	16,523	3.54	585	10-72			42	922	-.01	31	63
21-34-0749	7232607	1261857	2-69	2	305	20,180	3.48	702	83	14,260	3.70	528	8-72			40	910	.03	37	68
21-34-0749	7284371	1261857	4-68	3	302	18,120	3.55	643	86	14,720	3.65	537	2-73			42	699	.04	31	54
21-34-0749	7454068	1261857	9-69	1	305	19,210	3.95	758	36	14,900	3.77	562	4-72			36	662	.08	36	57
21-34-0749	7524594	1261857	10-69	1	305	17,220	3.81	656	68	13,810	3.71	513	8-72			36	578	.07	31	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	DEPT (%)	COW MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-34-0749	7587336	1419528	8-68	2	305	20,295	3.71	753	62	14,875	3.67	546	11-72		40	793	.04	34	$ 61
21-34-0749	7592339	1419528	7-68	2	305	20,605	3.44	708	87	14,620	3.69	539	11-72		40	845	.00	30	60
21-34-0749	7592343	1261857	2-70	1	305	19,190	4.02	772	90	14,620	3.71	542	10-72		36	677	.09	38	59
21-34-0749	7861536	1419528	8-69	1	305	19,540	3.86	754	84	14,580	3.70	540	11-72		36	621	.04	29	50
21-34-0878	6008481	1245520	1-64	5	295	17,760	3.56	632	31	13,162	3.57	470	12-72		44	778	-.03	23	51
21-34-0879	6966315	1298430	1-68	2	305	23,050	3.45	795	11	13,590	3.47	471	4-73		40	760	-.01	26	53
21-34-0884	7124238	1348259	10-67	4	302	18,430	3.43	632	21	13,985	3.65	510	11-72		44	776	-.02	25	53
21-34-0884	7316745	1499133	9-68	2	304	15,880	3.60	571	22	12,955	3.67	475	8-72		37	914	-.05	25	58
21-34-0884	7316757	1419528	2-69	2	305	17,800	3.88	691	20	13,330	3.58	477	11-72		40	665	.07	34	56
21-35-0025	7236037	1377954	10-68	3	305	19,483	3.62	706	23	16,563	3.57	592	10-72		42	713	.02	28	52
21-35-0029	5271444	1179372	9-60	10	305	23,492	3.31	777	41	19,582	3.50	685	9-72		44	813	-.03	24	53
21-35-0029	6239064	1181029	6-64	6	305	25,017	3.39	849	35	20,695	3.53	730	3-72		44	726	-.01	24	50
21-35-0029	6434998	1348259	12-65	5	304	24,452	3.33	815	46	20,920	3.47	725	11-72		44	857	-.02	27	57
21-35-0029	6479699	1438533	10-65	6	304	25,056	3.24	811	37	20,495	3.53	723	12-72		42	918	-.10	18	52
21-35-0029	6479721	1199077	12-65	5	304	24,222	3.49	846	42	20,798	3.46	720	11-72	B	40	766	.01	29	55
21-35-0029	7101083	1494593	2-68	3	305	26,616	3.22	858	39	20,536	3.43	704	11-72		35	1,218	-.02	40	83
21-35-0029	7230357	1494593	8-68	3	305	24,710	3.50	866	28	20,956	3.41	715	3-73		35	927	.04	39	70
21-35-0029	7259767	010288790	10-68	2	305	23,440	3.84	899	23	20,425	3.51	716	4-72		38	727	.11	43	66
21-35-0029	7520483	1438533	7-69	2	305	26,735	3.09	825	35	20,745	3.44	714	12-72		37	920	-.11	16	51
21-35-0029	7582732	1427381	12-69	1	305	23,360	3.70	864	36	20,060	3.51	704	9-72		36	1,037	.06	46	81
21-35-0029	7680429	1458744	6-70	1	305	26,550	3.69	979	40	20,430	3.43	701	11-72		36	968	.01	37	70
21-35-0029	7796537	1491007	11-70	1	305	23,950	3.35	802	30	20,250	3.44	697	2-73		35	875	-.01	30	61
21-35-0040	6917465	1417208	7-67	3	305	17,193	3.51	603	17	13,380	3.73	499	7-72		42	730	-.01	24	50
21-35-0050	6777024	1478272	10-66	4	304	24,965	3.30	823	32	19,817	3.38	669	1-72		38	1,296	-.02	44	90
21-35-0050	6777029	1348259	2-67	3	305	26,010	3.28	853	23	19,760	3.42	676	5-72		42	1,085	-.03	34	73
21-35-0050	6974601	1278644	11-67	3	305	24,130	3.34	806	20	18,550	3.49	648	6-72		42	1,051	-.08	25	64
21-35-0050	7088415	1348259	3-68	3	305	23,863	3.19	762	19	19,237	3.47	668	7-72		42	886	-.05	24	56
21-35-0050	7458673	1494593	8-69	2	294	21,950	3.55	779	31	10,825	3.45	649	12-72		32	742	.04	33	58
21-35-0050	7482996	1520161	7-69	2	293	20,775	3.59	745	34	10,920	3.45	652	12-72		38	587	.12	39	57
21-35-0062	6823848	1478272	9-66	5	299	20,710	3.26	675	41	16,304	3.41	556	11-72		39	1,125	-.02	37	77
21-35-0062	6998944	1430145	1-68	3	304	19,076	3.45	658	43	14,196	3.55	504	10-72		42	772	-.01	26	53
21-35-0062	7263792	1348259	9-68	3	299	22,963	2.98	684	32	15,980	3.38	540	8-72		42	1,083	-.08	27	67
21-35-0062	7528801	1387978	7-69	2	305	17,620	4.01	707	32	15,280	3.40	519	8-72		40	645	.06	32	53
21-35-0067	5905869	1408080	8-63	8	301	21,875	2.91	637	33	16,023	3.47	556	12-72		44	1,067	-.14	17	58
21-35-0067	6923816	1458744	9-67	4	300	19,215	3.60	692	32	16,777	3.31	555	2-73		44	732	.02	30	55
21-35-0072	7560104	1516360	11-69	1	305	19,490	3.70	721	23	16,090	3.72	599	12-72		33	822	.00	30	59
21-35-0079	6747868	1348259	10-66	5	296	20,400	3.75	764	27	17,152	3.54	608	10-72		44	724	.04	32	56
21-35-0102	7008753	1278644	8-67	4	295	19,903	3.03	603	29	15,165	3.40	516	2-73		44	910	-.11	15	50
21-35-0126	6592025	1278644	5-66	4	305	18,213	3.54	644	20	14,295	3.53	505	10-72		44	788	-.05	21	50
21-35-0135	7460582	1347940	11-69	2	305	26,310	3.03	797	24	18,375	3.52	647	11-72		40	1,349	-.08	35	84
21-35-0135	7492223	1347940	9-69	2	305	23,470	3.34	785	24	18,285	3.52	643	11-72		40	1,068	-.03	34	72
21-35-0143	5194340	1085978	10-60	7	302	21,634	3.59	777	29	15,910	3.48	554	6-72		44	1,023	.01	38	73
21-35-0143	5543553	1189870	4-61	7	302	19,147	4.19	803	26	16,901	3.53	597	5-72		44	504	.12	36	51
21-35-0143	5626590	1038509	10-60	8	305	23,000	3.50	806	31	17,089	3.53	604	1-72		44	1,030	-.04	31	68
21-35-0143	5715562	1237057	8-62	8	293	21,072	3.34	703	12	15,883	3.65	580	8-72		44	884	-.08	19	52
21-35-0143	7183810	1278644	12-66	4	305	21,415	3.55	761	34	17,170	3.40	584	7-72		44	899	-.03	28	60
21-35-0143	7190615	1273756	12-66	3	305	22,617	3.17	718	44	17,583	3.40	598	1-73		42	944	-.03	30	64
21-35-0143	7300823	1363507	7-67	3	305	26,087	3.31	863	40	17,857	3.48	621	5-72		42	1,158	-.07	30	72
21-35-0143	7413327	1290716	11-67	3	305	22,513	3.58	805	53	18,320	3.41	625	11-72		42	559	.10	35	52
21-35-0143	7441037	1393997	9-67	4	305	22,467	3.58	805	43	18,190	3.57	649	9-72		43	913	.01	34	66
21-35-0143	7562657	1427381	10-69	1	305	25,130	3.47	872	41	18,770	3.41	640	9-72		36	1,246	.04	51	93
21-35-0143	7669929	1070036	3-68	2	305	21,600	3.54	764	50	17,365	3.43	596	2-72		40	700	.05	33	56
21-35-0143	7930529	1347940	10-69	1	305	21,530	3.49	752	40	18,880	3.42	646	9-72		36	759	.00	28	54
21-35-0155	6944460	1348259	10-67	4	252	19,843	3.78	750	20	16,890	3.68	621	11-72	B	44	663	.03	28	50
21-35-0155	7797690	1447414	10-70	1	46	21,730	4.49	976	11	16,220	3.75	608	1-73	B	36	1,041	.05	46	81
21-35-0158	6847878	1237057	2-67	3	282	22,090	2.99	661	22	14,936	3.48	520	11-72		42	1,019	-.13	17	56
21-35-0158	7537648	1427381	9-69	2	262	18,305	3.33	610	30	14,325	3.47	497	11-72	H	40	1,065	.02	41	78
21-35-0158	7603354	1427381	1-70	1	305	16,710	3.43	573	33	14,140	3.46	489	9-72		36	895	.04	38	68
1-35-0161	6604500	1463825	7-66	4	305	22,668	3.40	770	55	16,418	3.42	561	6-72		35	971	.01	36	70
1-35-0161	6604515	1466645	7-66	5	304	19,724	3.75	739	62	15,640	3.54	553	10-72		41	891	.01	34	65
1-35-0161	7357013	1520436	1-69	2	305	23,180	3.32	769	57	16,345	3.60	589	4-72		25	909	-.05	25	58
1-35-0161	7458669	1494593	7-69	2	299	18,860	3.96	747	62	15,935	3.63	578	10-72		32	652	.08	36	57
1-35-0161	7458672	1494593	8-69	2	200	21,200	3.50	743	42	15,535	3.55	551	10-72		32	958	.02	38	71
1-35-0161	7482969	1494593	10-69	2	305	20,900	3.81	797	57	16,575	3.64	603	2-73		32	828	.07	40	67
1-35-0161	7604205	1494593	12-69	1	305	19,860	3.79	752	55	16,340	3.65	596	3-72		27	636	.05	31	52
1-35-0161	7604207	1494593	1-70	1	305	21,320	3.71	792	55	16,340	3.65	596	3-72		27	761	.05	35	60
1-35-0161	7633224	1494593	2-70	1	305	21,270	3.74	796	50	16,040	3.51	563	6-72		27	777	.06	37	63
1-35-0161	7754389	1545073	7-70	1	305	21,050	3.92	826	70	16,280	3.57	582	10-72		24	606	.08	34	53
1-35-0161	7825618	1494593	6-70	1	305	19,310	3.84	742	58	16,040	3.53	566	9-72		27	610	.07	33	52
1-35-0222	7366360	1518395	1-69	2	305	21,225	3.46	734	17	15,610	3.38	528	8-72		25	736	.00	27	53
21-35-0239	7510191	1408080	11-69	2	305	21,105	3.40	718	20	16,375	3.54	579	11-72		40	811	-.05	22	51
21-35-0246	6871568	1393259	3-67	4	300	21,018	3.73	785	19	17,363	3.42	593	9-72		30	639	.06	32	53
21-35-0248	7175508	1404202	10-68	3	296	21,623	3.33	721	22	17,276	3.40	587	9-72		42	874	-.07	20	52
21-35-0248	7637515	1427381	8-70	1	305	17,570	3.80	668	21	15,790	3.40	537	9-72		36	860	.07	42	70
21-35-0263	6911355	1487633	9-67	3	305	26,033	3.75	977	23	19,993	3.68	736	4-72		29	1,014	.03	41	76
21-35-0263	6950166	1349319	11-67	4	305	25,000	3.40	849	25	19,275	3.64	702	3-73		44	934	-.06	24	58
21-35-0263	6950167	1348259	11-67	3	305	24,233	3.90	944	17	19,293	3.66	707	6-72		42	924	.05	41	72
21-35-0263	7590660	1408080	8-69	2	305	23,860	3.34	798	25	18,240	3.65	666	12-72		40	940	-.07	23	57
21-35-0263	7590663	1404202	11-69	2	304	22,735	3.55	806	24	17,620	3.72	655	11-72		40	904	-.07	21	54
21-35-0301	5519320	1179372	10-61	8	304	19,165	3.77	722	15	14,671	3.69	542	1-73		44	761	.03	32	58
21-35-0301	7592462	1427381	2-70	1	305	16,330	4.06	663	20	12,790	3.65	467	9-72		36	947	.08	46	77
21-35-0301	7889047	1427381	9-70	1	305	15,490	4.12	638	20	13,370	3.79	507	12-72		36	850	.07	41	69
21-35-0305	5681681	1085978	10-62	9	299	20,917	3.43	717	21	16,227	3.49	567	10-72		44	898	-.02	29	61
21-35-0305	6808014	1312008	9-64	5	305	20,338	3.68	749	15	16,172	3.52	570	4-72		44	659	.07	34	55
21-35-0305	7286665	1499876	8-68	3	305	21,186	3.28	694	26	16,660	3.43	571	8-72		39	852	-.08	19	51

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-35-0307	7229118	1261857	9-68	3	289	21,207	3.63	770	28	16,657	3.54	589	9-72		42	876	.06	41	$ 70
21-35-0311	5797033	1237057	2-63	7	303	19,834	3.38	670	21	14,552	3.51	511	6-72		44	862	-.06	22	53
21-35-0311	7329202	1491007	4-69	2	305	19,785	3.34	660	20	16,330	3.55	579	9-72		40	867	-.02	28	59
21-35-0311	7363048	1427381	11-68	2	297	21,980	3.67	806	26	14,350	3.52	505	11-72		40	1,436	.05	60	109
21-35-0320	6390274	1278644	12-64	7	302	18,860	3.43	647	14	14,309	3.62	518	12-72		44	887	-.07	21	54
21-35-0323	7214731	1387978	8-68	3	294	19,510	3.66	715	34	13,940	3.59	500	11-72		42	1,006	.01	37	72
21-35-0357	6777475	1476679	3-67	4	305	17,715	3.65	647	47	13,962	3.56	497	12-72		40	754	.00	27	53
21-35-0369	6700458	1291498	10-66	4	296	25,912	3.31	857	14	17,940	3.54	635	3-72		44	1,084	-.07	28	68
21-35-0381	6183483	1239886	7-64	6	304	20,098	3.80	763	15	16,330	3.78	618	8-72		44	640	.05	30	51
21-35-0385	7522899	1427381	8-69	2	305	18,005	3.48	627	27	13,675	3.59	491	1-73		40	1,088	.02	43	80
21-35-0386	7399126	1377954	11-67	1	305	21,940	3.66	803	18	14,360	3.57	512	11-72		36	927	.02	37	69
21-35-0388	7482974	1377691	10-69	1	46	21,190	3.88	823	9	15,500	3.34	518	12-71	B	36	659	.03	28	50
21-35-0407	6993212	1404202	11-67	4	298	24,452	2.63	644	5	18,020	3.29	592	2-73		44	1,184	-.20	11	57
21-35-0407	7544900	1377691	8-69	1	305	25,420	3.48	884	15	19,360	3.26	631	12-71		36	744	.00	26	52
21-35-0407	7787622	1312008	8-70	1	305	25,700	3.30	849	23	18,340	3.12	572	9-72		36	697	.05	33	56
21-35-0426	7582901	1450228	5-70	1	305	22,700	3.24	736	5	18,310	3.68	674	2-73		36	887	-.06	22	54
21-35-0426	7661628	1447414	4-70	1	305	18,860	3.78	713	21	15,950	3.59	572	7-72		36	843	-.01	28	58
21-35-0427	5880455	1189870	4-63	5	304	23,292	3.93	915	17	16,498	3.59	592	3-72		44	1,080	.08	51	87
21-35-0427	7180621	1428145	7-68	3	305	21,657	3.58	775	23	17,180	3.66	628	12-72		42	882	-.06	23	55
21-35-0439	7172253	1348259	8-68	3	298	21,720	3.43	746	27	17,313	3.37	584	11-72		42	817	.00	30	58
21-35-0450	7126195	1350190	1-68	2	284	22,575	3.62	818	37	15,165	3.61	547	5-72		40	948	-.04	28	62
21-35-0450	7384246	1427381	4-69	2	305	18,405	3.31	610	52	16,790	3.63	609	2-73		40	875	.00	32	62
21-35-0450	7699567	1458744	7-70	1	305	18,410	4.27	786	42	14,190	3.69	524	8-72		36	733	.04	33	57
21-35-0450	7805845	1458744	9-70	1	305	22,680	3.43	779	57	16,370	3.60	589	1-73		36	921	-.03	29	62
21-35-0450	7805846	1458744	12-70	1	305	22,610	3.66	827	40	16,310	3.55	579	3-73		36	920	.00	33	65
21-35-0450	7805848	1427381	12-70	1	305	24,080	3.44	829	41	16,400	3.56	584	3-73		36	1,309	.02	51	96
21-35-0458	7399705	1348259	1-69	2	305	21,740	3.28	714	14	15,695	3.57	560	5-72		40	892	-.03	27	59
21-35-0458	7774150	1545073	7-70	1	305	18,130	4.14	751	23	13,860	3.39	470	10-72		24	518	.11	36	51
21-35-0464	7239897	1386406	12-68	2	305	22,270	3.09	688	17	16,065	3.53	567	3-72		40	859	-.06	22	53
21-35-0465	7656974	1536450	2-70	1	305	17,580	3.49	614	11	14,350	3.53	506	8-72		33	752	-.02	24	51
21-35-0466	6716418	1348259	2-67	4	305	21,783	3.65	794	27	17,545	3.43	602	11-72		44	838	.03	35	63
21-35-0466	7375298	1349319	11-68	2	305	24,340	3.24	789	41	17,035	3.49	594	8-72		40	909	-.06	23	56
21-35-0489	7006989	1272013	7-67	4	305	22,165	3.30	731	21	17,833	3.40	606	1-73		44	840	-.07	20	51
21-35-0489	7343824	1404202	2-69	2	305	23,035	3.33	767	21	18,215	3.38	616	8-72		40	886	-.07	21	54
21-35-0507	6555328	1278644	2-66	5	305	19,218	3.70	711	30	14,038	3.70	520	11-72		44	961	-.04	29	63
21-35-0507	7433269	1312008	3-69	2	305	18,810	3.92	738	30	14,255	3.58	511	1-73		40	543	.10	34	51
21-35-0518	7659098	1404202	10-69	1	305	21,050	3.60	758	10	14,650	3.68	539	3-72		36	822	-.06	20	50
21-35-0525	7268182	1404202	9-68	1	305	20,720	3.80	788	30	14,640	3.68	539	10-71		36	798	-.04	22	51
21-35-0582	5388813	1189870	8-61	9	305	21,981	3.50	769	34	15,401	3.68	567	3-73		44	1,024	-.02	34	70
21-35-0584	6401897	1242163	3-65	3	305	22,127	3.45	763	21	16,550	3.52	583	1-72		42	1,011	-.12	18	56
21-35-0612	7502674	1427381	8-69	2	305	16,760	3.27	548	21	14,970	3.47	519	2-73		40	856	.01	33	62
21-35-0643	6787413	1261857	2-67	2	305	20,705	4.16	862	22	18,450	3.42	631	11-72		40	623	.15	45	63
21-35-0677	6855813	1329588	12-66	4	305	18,385	3.70	681	21	13,923	3.63	506	11-72		44	721	.00	26	51
21-35-0683	7440464	1427381	11-69	1	305	16,020	3.74	599	19	11,850	4.02	476	12-72		36	980	.03	40	73
21-35-0746	6529922	1179372	1-66	5	300	17,750	3.54	628	18	13,580	3.59	488	1-73		44	691	.01	26	50
21-35-0915	6150602	1413705	5-64	5	293	17,546	3.82	670	5	13,526	3.56	482	11-72		42	549	.09	34	51
21-35-0964	7411810	1458744	4-69	2	305	23,285	3.47	807	23	13,520	3.48	471	12-72		40	1,369	-.02	46	94
21-35-0964	7465106	1458744	6-69	2	305	19,545	3.24	634	26	14,555	3.47	505	9-72		40	905	-.04	26	59
21-37-0004	7477115	1517540	1-70	1	305	19,270	4.23	815	26	15,590	3.80	592	11-72		31	541	.13	39	55
21-37-0004	7679229	1447414	9-70	1	305	20,140	4.02	809	12	16,660	3.62	603	4-73		36	896	.01	34	65
21-37-0007	7747426	1348259	9-70	1	305	24,160	3.53	854	27	16,410	3.63	596	11-72		36	877	.00	31	62
21-37-0007	7747427	1348259	10-70	1	305	25,610	3.32	850	22	16,780	3.58	600	1-73		36	963	-.02	31	65
21-37-0064	5582191	1221835	4-62	7	305	18,993	3.79	719	6	15,180	3.67	557	5-72		44	729	.01	28	53
21-37-0064	7294358	1496245	10-68	2	295	17,760	4.33	769	13	14,400	3.72	536	7-72		35	590	.10	36	54
21-37-0084	6799703	1406271	12-66	4	305	19,565	3.78	740	32	16,593	3.68	610	11-72		44	769	.05	36	61
21-37-0084	7677997	1406271	10-70	1	305	18,380	3.84	705	38	15,600	3.67	573	9-72		36	620	.05	30	50
21-37-0095	6414093	1348259	8-65	4	305	20,630	3.36	694	31	16,618	3.49	580	1-73		44	787	-.02	25	53
21-37-0096	7359770	1458744	7-69	2	305	19,250	3.72	716	26	16,070	3.54	569	9-72		40	752	.01	29	55
21-37-0096	7386566	1458744	8-69	2	305	21,160	3.52	744	9	16,515	3.45	569	3-73		40	910	.00	32	64
21-37-0096	7646043	1427381	7-70	1	272	18,680	3.52	657	25	16,810	3.59	604	10-72		36	882	.03	37	67
21-37-0112	7399710	1494593	3-69	2	304	18,905	3.97	750	32	16,175	3.49	565	1-73		32	635	.10	38	58
21-37-0134	6896117	1474174	10-67	4	301	20,678	3.39	700	20	15,718	3.58	563	11-72		30	788	-.04	22	50
21-37-0139	6707078	1278644	8-66	5	302	19,974	3.64	728	11	15,938	3.53	562	8-72		44	862	-.03	27	58
21-37-0139	6707081	1278644	10-66	4	303	22,515	3.51	791	13	17,050	3.45	588	4-72		44	1,047	-.04	31	69
21-37-0139	7006181	1278644	10-67	3	305	21,253	3.18	675	10	16,377	3.47	568	8-72		42	920	-.10	18	52
21-37-0139	7483119	1491165	8-69	3	299	22,193	3.67	815	6	17,473	3.41	595	11-72		29	754	.04	34	59
21-37-0168	7258577	1458744	8-68	2	300	21,205	3.80	805	10	16,600	3.48	577	5-72		40	907	.03	38	69
21-37-0168	7424160	1427381	9-69	1	305	20,140	3.43	690	9	17,030	3.46	589	3-72		36	978	.03	40	73
21-37-0206	7736833	1517540	8-69	1	305	21,560	3.52	759	20	14,020	3.87	543	6-72		31	826	.05	38	65
21-37-0381	7376941	1278644	6-69	2	305	19,460	3.19	621	23	13,110	3.56	467	11-72		40	945	-.10	19	54
21-37-0538	6526927	1330987	2-65	2	305	20,860	3.78	789	36	16,570	3.67	608	3-72		40	734	.06	35	59
21-37-0538	6676157	1330987	1-65	3	305	21,170	3.76	796	44	17,370	3.68	639	1-73		42	751	.06	36	61
21-37-0538	6845559	1244845	1-66	5	305	22,488	3.49	785	57	16,752	3.70	620	11-72		44	982	-.05	27	63
21-37-0538	7382109	1348259	9-67	3	298	22,187	3.69	819	49	17,333	3.69	639	1-73		42	869	.01	33	63
21-37-0538	7400456	1347940	10-67	2	305	19,355	3.34	647	51	16,130	3.66	591	8-71		40	826	-.04	24	54
21-37-0538	7652733	1347940	9-68	2	305	20,840	3.76	784	45	16,795	3.73	626	1-73		40	922	.01	35	67
21-37-0538	7897074	1427381	9-69	1	305	18,960	3.89	738	43	15,990	3.60	575	8-72		36	952	.07	45	76
21-37-0538	7903126	1347940	9-69	1	305	19,400	3.62	702	55	16,640	3.60	599	9-72		36	733	.00	27	52
21-37-0538	7916203	1427381	10-69	1	305	22,310	3.56	795	57	16,900	3.64	616	10-72		36	1,147	.04	47	86
21-37-0558	6260732	1363196	1-65	6	305	20,222	3.59	726	22	15,033	3.75	564	11-72		40	706	.02	28	52
21-37-0558	6408956	1451206	11-65	4	305	20,470	3.94	806	24	15,278	3.69	563	8-72		30	809	.06	39	66
21-37-0558	6907934	1487851	7-67	3	302	19,650	3.25	639	17	14,026	3.74	524	8-72		32	853	-.08	18	50
21-37-0558	7140726	1408321	7-68	2	305	18,600	3.80	707	17	14,750	3.64	537	5-72		32	618	.06	32	52
21-37-0558	7550018	1487851	9-69	2	305	23,955	3.45	826	16	14,095	3.70	522	9-72		29	1,287	-.04	40	86
21-37-0752	7228589	1516605	12-68	2	305	23,555	3.69	869	11	17,730	3.64	646	4-73		25	816	.02	32	60

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S DAYS	COW'S AVERAGE PRODUCTION MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	HERDMATE MILK (LB)	HERDMATE FAT (%)	HERDMATE FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
21-37-0752	7678883	1348259	3-68	2	305	22,440	3.53	793	18	18,890	3.47	655	1-72		40	704	.01	27	$ 51
21-37-0960	7571664	1418353	12-69	1	305	20,820	3.76	782	26	15,130	3.69	558	9-72		34	744	.01	29	55
21-37-0960	7588063	1427381	8-69	1	303	18,280	3.76	687	27	15,290	3.70	565	9-72		36	943	.05	42	74
21-39-0026	5743045	1285296	6-62	6	302	19,830	3.64	721	8	15,905	3.50	557	1-73		36	730	.02	29	54
21-39-0026	7289940	1427381	3-69	1	305	18,780	3.10	582	17	15,390	3.53	543	9-71		36	974	.00	35	69
21-39-0026	7447182	1427381	11-69	1	305	17,180	3.63	623	17	15,480	3.48	539	2-73		36	850	.05	38	66
21-39-0113	7985269	1427381	1-70	1	305	17,200	3.64	626	7	13,620	3.39	462	12-72		36	962	.05	43	75
21-39-0232	7309641	1496750	11-68	2	305	21,110	3.35	707	22	14,785	3.42	505	11-72		38	886	-.01	30	61
21-39-0258	7007640	1348259	10-67	4	305	21,385	3.51	751	42	18,148	3.58	649	1-73		44	729	.00	26	51
21-39-0258	7271300	1377691	2-69	2	305	24,705	3.68	910	45	17,755	3.58	635	11-72		40	978	.00	35	69
21-39-0261	5541466	1239886	11-61	5	305	19,524	3.67	716	16	13,794	3.86	532	1-73		44	828	.01	32	60
21-39-0261	7004738	1377954	1-68	2	305	18,720	3.68	689	15	14,900	3.68	548	10-72		40	737	.02	29	54
21-39-0278	6814058	1278644	1-67	4	302	20,843	3.59	748	23	16,683	3.45	575	10-72		44	877	-.03	27	58
21-39-0288	7562876	1348259	3-70	1	305	22,010	3.86	850	24	15,230	3.85	587	1-73		36	787	.02	31	58
21-39-0319	7387129	1360676	10-67	2	305	16,640	3.59	597	9	12,690	3.64	462	8-72		39	707	.01	27	51
21-39-0416	7516026	010275932	10-69	2	305	24,630	3.44	848	6	16,790	3.59	602	12-72		40	954	.00	34	67
21-39-0527	7424681	1458744	7-68	2	305	18,740	3.37	631	14	14,095	3.50	494	3-72		40	861	-.03	27	58
21-39-0529	6270568	1085978	12-64	6	295	23,455	3.33	782	29	18,873	3.60	680	2-72		44	953	-.05	26	61
21-39-0529	7005663	1221835	11-66	4	305	22,610	3.58	809	33	19,158	3.54	678	7-72		44	764	-.01	26	53
21-39-0672	7580049	1387978	12-68	1	305	18,100	3.96	717	11	15,080	3.37	508	3-73		36	652	.04	29	51
21-39-0678	6416802	1278644	9-65	5	305	21,772	3.56	776	28	16,934	3.57	604	4-72		44	992	-.04	29	65
21-39-0703	5866106	1085978	3-63	7	302	18,823	3.48	655	21	15,037	3.59	540	1-73		44	751	-.02	24	51
21-40-0014	7241316	1404931	2-69	2	290	20,550	3.49	718	18	14,105	3.65	515	9-72		40	932	-.07	22	56
21-40-0023	5231077	1085978	9-60	8	305	24,005	3.51	842	20	17,320	3.70	641	7-72		44	1,184	-.04	37	79
21-40-0023	6288404	1415089	11-64	6	299	21,633	3.61	782	21	18,458	3.64	672	12-72		36	688	.01	27	51
21-40-0023	6437435	1415089	8-65	6	300	21,543	3.92	845	34	17,737	3.68	652	9-72		36	761	.08	39	64
21-40-0023	6437439	1415089	10-65	6	300	21,617	3.58	774	34	17,943	3.69	662	11-72		36	747	.00	27	53
21-40-0023	6437441	1415089	10-65	5	294	22,928	3.38	774	19	18,138	3.67	666	4-72		36	920	-.04	27	60
21-40-0023	6987656	1458744	9-67	2	305	24,390	3.44	838	27	18,180	3.71	674	2-72		40	1,102	-.04	33	72
21-40-0023	7138167	1458744	9-68	3	296	22,886	3.03	693	30	18,906	3.65	691	1-73		42	943	-.11	17	53
21-40-0023	7487484	1458744	7-69	1	305	25,490	3.34	851	27	17,210	3.82	657	6-72		36	1,081	-.06	30	69
21-40-0023	7553685	1458744	10-69	2	305	22,615	3.60	815	36	18,635	3.69	688	11-72		40	885	-.01	30	61
21-40-0023	7553687	1458744	11-69	1	293	23,660	3.24	766	21	17,430	3.76	656	5-72		36	931	-.06	24	58
21-40-0023	7553688	1458744	11-69	1	304	21,720	3.48	756	36	17,150	3.85	660	8-72		36	803	-.04	23	52
21-40-0023	7737435	1458744	7-70	1	305	21,680	3.77	818	34	18,690	3.77	705	10-72		36	709	.00	25	50
21-40-0024	7594175	1504686	10-68	2	299	19,020	3.71	706	22	15,370	3.40	522	2-72		38	566	.08	33	51
21-40-0040	7341267	1458744	9-68	2	305	21,540	3.43	738	15	13,760	3.57	491	1-73		40	1,172	-.03	38	80
21-40-0040	7595234	1427381	2-70	1	305	19,180	3.62	695	22	14,120	3.53	498	11-72		36	1,080	.05	46	82
21-40-0047	7764295	1544708	8-70	1	305	21,640	3.41	739	20	16,310	3.61	589	9-72		31	938	.01	36	68
21-40-0050	7464587	1532577	7-69	2	305	20,660	3.44	711	16	14,815	3.52	521	3-73		29	801	-.03	24	53
21-40-0073	5953864	1245520	7-63	6	305	21,448	3.17	680	34	15,230	3.68	560	2-72		44	1,040	-.11	20	59
21-40-0073	7591725	1330987	11-69	1	305	20,200	3.57	722	45	14,920	3.43	512	8-72		36	674	.04	31	53
21-40-0087	7323424	1458744	3-69	1	305	18,620	3.88	723	29	12,970	3.68	477	1-73		36	822	.01	31	59
21-40-0125	6843964	1242163	8-65	3	305	23,397	3.27	766	19	17,793	3.50	623	4-72		42	1,043	-.14	15	55
21-40-0140	7488177	1348259	12-69	1	303	25,580	3.41	872	7	20,930	3.40	711	12-72		36	714	.00	26	51
21-40-0141	7658021	1427381	7-70	1	305	17,150	3.84	658	11	15,000	3.51	527	10-72		36	876	.07	42	71
21-40-0141	7787593	1536705	1-71	1	305	23,370	3.47	811	13	15,260	3.55	542	4-73		24	738	-.01	25	51
21-40-0585	6935904	1490608	10-67	3	305	21,066	3.83	806	14	17,020	3.53	601	8-72		34	786	.05	36	62
21-40-0585	6935908	1085978	12-67	3	305	21,567	3.43	739	17	17,010	3.56	605	5-72		42	840	-.03	26	56
21-40-0585	7111154	1490608	7-68	3	305	23,786	3.13	744	11	17,360	3.40	590	12-72		34	1,109	-.07	29	69
21-40-0585	7378310	1490608	3-69	2	299	21,305	3.35	714	13	16,820	3.43	577	6-72		31	774	-.02	25	52
21-40-0768	7708626	1427381	8-70	1	100	18,450	3.86	713	29	15,630	3.65	571	10-72	B	36	935	.06	43	74
21-40-0768	7712537	1427381	9-70	1	73	19,250	3.40	654	29	15,630	3.65	571	10-72	B	36	995	.02	39	73
21-42-0015	6405434	1278644	11-65	5	305	21,810	3.54	773	22	17,088	3.69	630	9-72		44	981	-.06	26	62
21-42-0015	7377251	1520161	6-69	2	288	20,035	3.60	722	32	16,770	3.69	619	10-72		38	691	.09	39	61
21-42-0015	7377254	1517540	7-69	1	305	22,220	4.16	924	16	18,350	3.61	663	2-72		31	600	.14	43	60
21-42-0022	5773073	1038509	10-61	8	300	22,111	3.45	762	20	17,761	3.58	635	4-72		44	846	-.05	22	53
21-42-0022	7462694	1450228	8-69	2	299	22,590	3.13	706	31	15,980	3.57	570	12-72		40	1,173	-.08	29	72
21-42-0022	7693543	1347940	12-69	1	305	16,970	3.78	642	29	14,150	3.70	524	5-72		36	701	.01	27	51
21-42-0022	7757403	1347940	11-70	1	305	18,620	3.45	642	21	15,640	3.63	568	4-73		36	735	-.01	25	51
21-42-0027	7326826	1419528	4-69	2	305	22,245	3.70	822	19	17,740	3.55	629	8-72		40	758	.05	35	60
21-42-0027	7424740	1406271	11-69	2	301	19,840	4.13	819	21	18,315	3.55	651	9-72		40	605	.11	38	56
21-42-0033	6985796	1261857	11-67	3	305	18,390	4.09	753	17	16,677	3.51	585	11-72		42	550	.13	40	56
21-42-0114	6670999	1261857	9-66	5	274	20,186	3.55	716	18	17,038	3.70	631	11-72		44	763	.03	32	58
21-42-0114	6919436	1261857	7-67	3	305	20,067	4.06	815	22	17,290	3.57	617	5-72		42	687	.13	44	65
21-42-0132	6474399	1309574	2-66	5	293	18,282	3.69	674	92	14,582	3.57	521	1-72		44	670	.05	32	54
21-42-0132	7494056	1312008	9-69	2	305	19,900	3.91	779	75	15,285	3.59	549	2-73		40	570	.10	35	53
21-42-0137	6110957	1085978	4-64	5	305	18,992	3.66	695	15	14,984	3.52	528	1-73		44	778	.01	30	57
21-42-0155	7353208	1408080	11-68	3	305	21,536	3.78	815	15	18,063	3.71	671	2-73		42	764	-.01	26	53
21-42-0160	6462058	1278644	1-66	5	304	21,596	3.47	749	17	17,320	3.53	612	3-73		44	929	-.06	24	58
21-42-0160	6798201	1348259	3-67	4	302	20,805	3.64	758	18	17,625	3.48	614	3-73		44	709	.03	30	54
21-42-0160	7187615	1348259	11-68	2	305	21,945	3.42	751	23	17,335	3.46	600	10-72		40	780	-.01	27	54
21-42-0162	6784821	1278644	6-66	5	303	23,090	3.24	749	38	16,922	3.49	591	11-72		44	1,163	-.10	26	69
21-42-0172	7448788	1312008	9-68	3	305	23,380	3.21	751	17	19,150	3.30	631	9-72		42	676	.02	27	50
21-42-0172	7619958	1348259	8-69	2	305	24,905	2.94	731	19	20,355	3.25	661	9-72		40	835	-.06	20	51
21-42-0187	7560340	1347940	2-70	1	203	18,620	3.61	672	11	14,670	3.56	522	9-72	B	36	793	.00	29	57
21-42-0221	6955246	1476012	6-67	3	305	19,440	3.75	729	24	16,653	3.68	613	1-72		34	828	-.01	28	57
21-42-0221	7127680	1476012	4-68	3	305	23,100	3.58	828	26	15,847	3.74	592	12-72		34	1,396	-.04	43	93
21-42-0221	7127682	1476012	8-68	3	297	19,123	3.30	631	29	15,647	3.71	580	8-72		34	893	-.09	18	51
21-42-0221	7337799	1476012	1-69	2	305	19,915	3.84	765	10	16,400	3.65	598	5-72		31	882	.00	32	63
21-42-0269	7357198	1499133	10-68	2	303	19,500	3.16	617	18	16,365	3.54	579	6-72		37	1,009	-.10	21	59
21-42-0271	6771323	1330987	2-67	4	298	16,652	3.87	645	24	13,657	3.49	476	6-72		44	591	.08	34	53
21-42-0271	7229957	1427381	11-68	1	305	19,400	3.80	737	16	15,000	3.54	531	3-72		36	1,044	.06	47	82
21-42-0271	7555223	1419528	1-70	1	305	18,820	3.37	634	16	11,160	3.38	377	10-72		36	771	.01	30	57
21-42-0292	6480300	1278644	9-65	5	302	23,334	3.21	749	10	18,142	3.55	644	7-72		44	1,068	-.11	21	61

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-42-0292	7245223	1348259	8-68	3	303	24,183	3.20	774	33	18,247	3.52	643	8-72	42	1,014	-.05	28	$ 65
21-42-0310	6710483	1278644	8-66	4	291	20,765	3.38	701	15	16,288	3.61	588	1-72	44	906	-.08	20	54
21-42-0345	7988535	1347940	1-70	1	305	18,740	3.26	611	21	15,060	3.72	560	1-72	36	778	-.03	23	51
21-42-0353	7483075	1427381	11-69	1	305	21,180	3.96	838	19	17,390	3.74	651	12-71	36	1,034	.07	48	82
21-42-0394	7294345	1419528	9-68	2	305	24,535	3.44	845	20	18,040	3.60	650	7-72	40	966	.00	35	69
21-42-0404	7288764	010275932	5-67	4	294	21,003	3.55	745	26	15,205	3.41	519	11-72	44	838	.03	35	63
21-42-0404	7310340	1389471	2-69	2	305	23,950	3.05	731	41	14,410	3.40	490	10-72	40	1,113	-.09	26	67
21-42-0404	7339110	010275932	11-68	2	291	19,920	3.54	706	29	14,515	3.32	482	8-72	40	660	.03	29	51
21-42-0404	7505042	1536450	3-70	1	305	21,760	3.27	712	47	14,230	3.48	495	10-72	33	1,090	-.05	32	71
21-42-0429	6899687	1278644	7-67	3	305	20,673	3.22	666	32	14,963	3.53	528	5-72	42	984	-.10	20	57
21-42-0429	6980516	1473442	10-67	3	305	21,470	3.52	756	31	16,840	3.60	607	7-72	41	899	-.05	25	57
21-42-0451	7779771	1427381	4-69	1	305	21,020	3.38	710	28	15,830	3.56	563	5-72	36	1,115	.02	43	81
21-42-0469	6368965	1330987	3-65	6	305	24,680	4.19	1035	17	19,528	3.73	729	2-73	44	1,033	.14	59	91
21-42-0469	7616782	1427381	2-70	2	305	24,025	3.60	866	16	20,355	3.86	785	3-73	40	1,156	.01	43	83
21-42-0471	6967405	1278644	9-66	2	305	19,150	3.21	614	12	13,630	3.48	475	12-72	40	871	-.09	18	50
21-42-0493	6821287	1261857	11-66	4	303	16,695	4.12	688	15	13,998	3.70	518	5-72	44	616	.11	39	58
21-42-0711	7556530	1404931	1-70	1	305	24,890	3.26	812	34	16,120	3.57	576	10-72	36	982	-.10	20	57
21-42-0806	6290209	1312008	11-64	6	305	25,313	3.11	788	21	17,135	3.53	605	3-73	44	1,202	-.05	36	79
21-42-0806	7264229	1347940	11-68	2	305	25,570	3.19	816	27	17,585	3.47	611	3-72	40	1,338	-.05	40	88
21-42-0806	7334123	1222994	11-67	3	305	21,030	3.28	689	26	16,540	3.47	574	9-72	42	816	-.03	24	53
21-42-0806	7593785	1261857	8-68	2	269	19,840	3.53	701	23	17,180	3.43	590	3-72	8 40	638	.06	32	53
21-42-0806	7848740	1508685	7-69	2	305	22,095	3.32	734	18	16,790	3.50	588	4-73	40	849	-.07	19	50
21-42-0806	7944158	1347940	12-69	1	305	19,090	3.85	735	20	15,430	3.56	549	7-72	36	782	.03	33	59
21-42-0852	6521908	1406271	2-66	5	303	17,864	4.00	715	32	15,404	3.46	533	11-72	44	686	.11	41	62
21-42-0852	7295068	1404202	10-68	3	291	21,443	3.43	735	15	16,343	3.71	606	10-72	42	939	-.09	20	55
21-43-0003	5867534	1252934	9-62	7	303	17,819	4.06	724	11	14,210	3.59	510	4-72	44	577	.09	34	52
21-43-0042	7175651	1348259	12-67	3	292	21,613	3.45	746	16	17,947	3.62	650	10-72	42	746	-.02	24	50
21-43-0773	6602584	1348259	8-66	5	302	20,066	3.35	672	21	16,396	3.57	586	8-72	44	758	-.03	23	50
21-43-0773	6924488	1404202	9-67	3	305	20,713	3.58	742	16	16,796	3.54	595	12-72	42	813	-.05	21	51
21-44-0015	7221633	1387978	12-68	3	293	20,467	3.35	686	15	16,253	3.70	601	1-73	42	903	-.05	24	57
21-44-0015	7341569	1413165	5-69	2	305	21,545	3.45	744	16	15,670	3.75	587	10-72	40	935	-.11	16	51
21-44-0015	7713505	1447414	1-71	1	305	17,530	3.39	595	9	14,850	3.75	557	4-73	36	810	-.05	21	51
21-44-0033	6531635	1285951	9-64	5	305	19,932	3.68	734	13	14,578	3.47	506	6-72	44	591	.08	33	52
21-44-0036	6654715	1467024	9-66	4	305	21,020	3.59	783	23	15,957	3.38	540	8-72	35	1,132	.01	42	81
21-44-0036	6654719	1467024	10-66	4	305	20,815	3.19	664	29	15,957	3.35	535	9-72	35	988	-.06	26	62
21-44-0036	6780741	1467024	12-66	4	300	20,442	3.21	657	28	16,070	3.35	539	9-72	35	922	-.06	24	58
21-44-0036	6951947	1467024	9-67	4	304	21,492	3.15	678	21	16,510	3.32	548	3-73	35	1,022	-.07	26	63
21-44-0036	6982807	1467024	7-67	3	305	22,523	3.14	708	29	16,280	3.33	542	9-72	33	1,137	-.07	30	71
21-44-0036	7219040	1387978	12-68	2	305	20,080	3.87	777	42	16,765	3.36	563	8-72	40	774	.05	36	62
21-44-0038	6794071	1453591	4-67	4	305	20,488	3.42	700	22	16,600	3.57	592	10-72	35	812	-.04	23	52
21-44-0048	6569743	1348259	1-66	5	305	21,956	3.36	737	12	18,134	3.40	617	12-72	44	823	-.01	28	57
21-44-0048	6862624	1348259	4-67	4	305	21,870	3.15	688	10	17,868	3.35	599	3-73	44	817	-.04	23	52
21-44-0056	7122678	1387978	6-68	3	300	17,540	3.45	606	37	13,827	3.56	492	7-72	42	790	-.02	25	53
21-44-0056	7577037	1536450	2-70	1	305	15,750	3.73	588	29	12,630	3.65	461	6-72	33	716	.00	25	50
21-44-0066	6451396	1470740	9-65	5	292	21,314	3.18	678	30	15,734	3.42	538	1-72	32	920	-.06	23	57
21-44-0066	6740898	1312008	12-65	6	298	19,792	3.80	753	35	15,688	3.41	535	1-73	44	639	.10	38	58
21-44-0080	6885144	1347940	6-67	1	305	18,970	3.68	698	16	14,080	3.60	507	1-73	36	854	.01	32	62
21-44-0080	7456458	1426912	9-69	2	305	18,265	4.06	741	14	14,540	3.67	533	4-73	34	563	.11	37	54
21-44-0143	6135871	1312008	6-64	6	305	23,403	3.41	797	20	17,537	3.64	639	12-72	44	914	.00	33	65
21-44-0143	6449288	1391908	12-65	5	305	21,658	3.66	793	20	17,674	3.62	640	6-72	32	729	.01	28	53
21-44-0143	6449289	1391908	1-66	5	305	21,374	3.59	767	24	17,302	3.62	626	10-72	32	731	.00	26	52
21-44-0177	6670130	1237057	6-66	5	305	23,760	3.36	798	18	17,306	3.58	619	2-73	44	1,084	-.08	27	67
21-44-0178	6923823	1312008	8-67	3	305	21,100	3.54	746	9	16,767	3.42	573	12-72	42	633	.05	31	52
21-44-0576	7286514	1387978	12-68	2	285	20,845	3.58	747	12	18,400	3.45	634	11-72	40	719	.01	27	52
21-44-0576	7669525	1450228	9-70	1	305	23,590	3.26	770	13	17,920	3.43	614	1-73	36	976	-.05	28	63
21-45-0002	6768346	1312008	12-66	3	305	18,767	3.84	720	19	14,857	3.51	522	3-72	42	540	.09	33	50
21-45-0009	6955449	1426912	9-67	3	305	21,763	3.42	744	23	15,136	3.50	530	7-72	36	996	.03	40	74
21-45-0014	6818523	1379263	2-67	4	304	23,378	3.28	766	26	17,278	3.40	588	12-72	44	805	-.01	27	55
21-45-0014	7283386	1499133	1-69	2	299	23,280	3.40	791	25	16,900	3.44	581	11-72	37	1,366	-.06	39	88
21-45-0014	7602946	1517540	2-70	1	305	20,110	3.71	747	13	16,110	3.46	557	6-72	31	575	.10	36	54
21-45-0014	7602954	1404931	10-69	2	298	24,275	2.81	682	31	17,600	3.40	599	11-72	40	1,026	-.16	12	52
21-45-0031	7047952	1347940	5-68	2	305	18,240	3.37	615	17	13,360	3.62	483	9-72	40	937	-.02	30	63
21-45-0031	7127535	1347940	6-68	2	305	16,515	3.96	654	15	13,695	3.64	498	10-71	40	735	.04	33	58
21-45-0031	7186334	1347940	12-68	2	305	18,180	2.99	544	21	13,230	3.62	479	3-72	40	942	-.07	23	58
21-45-0048	6942681	1486708	9-67	3	305	24,970	2.84	709	11	17,310	3.14	543	3-72	31	1,348	-.13	28	78
21-45-0069	7765421	1387978	4-70	1	305	22,360	3.69	824	18	17,630	3.48	613	11-72	36	817	.01	31	59
21-45-0078	6664959	1237057	12-66	5	305	22,116	3.77	834	21	16,618	3.42	568	4-73	44	943	.02	37	69
21-45-0078	7237840	1375967	9-68	2	305	26,640	2.89	771	18	15,535	3.53	549	10-72	40	1,341	-.17	21	72
21-45-0078	7634474	1410733	10-69	2	305	23,400	3.65	853	18	16,380	3.39	555	4-73	40	999	.02	39	73
21-45-0141	6886180	1348259	9-67	4	305	20,265	3.57	723	18	15,968	3.46	552	10-72	44	806	.02	32	60
21-45-0142	6942780	1348259	11-67	3	305	24,150	3.29	794	7	17,410	3.29	573	6-72	42	1,088	-.02	36	74
21-45-0150	7608876	1348259	12-68	2	302	21,665	3.49	756	11	17,060	3.52	601	6-72	40	774	.00	28	55
21-45-0170	7058139	1387978	1-68	3	297	18,897	3.76	711	14	14,833	3.47	515	1-73	42	854	.03	35	64
21-45-0171	6365563	1348259	3-65	6	303	25,518	3.55	906	14	21,098	3.64	767	1-73	44	977	-.01	34	68
21-45-0171	6886176	1368763	8-67	4	305	24,570	3.94	969	16	20,562	3.62	744	9-72	44	687	.03	29	52
21-45-0171	6972570	1493643	12-67	3	305	24,940	3.41	850	8	20,517	3.67	753	5-72	41	956	-.09	20	56
21-45-0171	7810050	1404202	9-70	1	305	27,270	3.22	877	9	19,180	3.81	730	10-72	36	1,015	-.12	17	55
21-45-0199	7214600	1375967	11-68	2	305	25,350	3.24	821	36	16,565	3.50	580	11-72	40	1,127	-.11	23	65
21-45-0238	7147406	1404931	8-68	3	289	21,096	3.30	697	15	16,140	3.52	568	10-72	42	884	-.09	18	51
21-45-0288	6480896	1433675	2-66	4	302	23,147	3.29	762	17	15,742	3.53	555	10-72	42	1,106	-.02	36	75
21-45-0336	7344650	1387978	7-68	3	291	20,213	3.39	686	13	17,403	3.24	563	9-72	42	768	.00	28	55
21-45-0336	7344652	1387978	8-68	3	301	22,003	3.01	662	13	17,167	3.24	556	11-72	42	996	-.06	26	62
21-45-0371	7960980	1447414	6-70	1	305	16,560	3.49	578	18	12,080	3.53	427	8-72	36	903	-.04	27	59
21-45-0410	7249301	1458744	11-68	2	305	18,695	3.22	602	11	13,580	3.82	519	5-72	40	898	-.07	22	55
21-45-0521	7672186	1427381	3-70	1	305	16,900	3.73	631	17	14,530	3.50	509	8-72	36	885	.06	41	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-45-0607	6799190	1348259	1-67	4	304	18,870	3.53	667	25	15,418	3.51	541	11-72		44	688	.01	26	$ 50
21-45-0621	7598571	1427381	9-69	2	305	22,655	3.71	841	25	16,800	3.49	586	12-72		40	1,306	.06	57	101
21-45-0621	7726271	1427381	1-70	1	305	20,410	3.89	794	24	17,590	3.52	619	10-72		36	965	.07	46	78
21-45-0621	7863270	1427381	7-70	1	305	24,550	3.58	880	18	15,940	3.44	548	1-73		36	1,371	.05	57	104
21-45-0621	7863271	1427381	8-70	1	305	19,980	3.74	748	24	17,590	3.52	619	10-72		36	933	.06	43	74
21-45-0740	5982939	1213164	8-63	6	305	21,685	4.09	887	20	15,310	3.49	535	3-72		44	635	.13	42	61
21-45-0740	7017313	1496767	10-67	2	297	21,490	3.21	689	18	15,135	3.48	527	6-72		25	817	-.05	21	51
21-45-0772	7280702	1458744	10-68	2	305	18,920	3.92	742	30	16,865	3.65	616	6-72		40	654	.03	28	50
21-45-0772	7711389	1458744	2-69	2	305	22,105	3.66	808	33	16,585	3.63	602	7-72		40	1,000	.00	36	71
21-45-0772	7711392	1427381	9-69	1	305	27,600	3.17	875	51	18,120	3.48	630	12-71		36	1,469	-.01	52	103
21-45-0777	5199461	1085978	1-60	8	305	19,826	3.56	705	9	15,588	3.62	564	3-72		44	823	-.01	28	57
21-45-0888	6835410	1458744	7-67	3	305	18,213	3.54	644	11	14,970	3.32	497	9-72		42	767	.01	29	56
21-45-0987	6541951	1348259	12-65	5	304	23,732	3.59	852	8	16,738	3.55	594	2-73		44	1,196	.01	45	86
21-45-0987	6851377	1278644	8-67	2	298	23,800	3.08	734	13	16,030	3.46	555	9-72		40	1,148	-.11	24	67
21-45-0987	6884806	1261857	10-67	2	305	23,995	3.55	851	12	17,150	3.52	603	1-72		40	1,062	.05	46	82
21-47-0015	6135124	1416798	9-64	6	304	22,715	2.90	658	40	16,670	3.48	580	2-72		33	1,088	-.15	15	57
21-47-0016	7263929	1408080	2-69	1	305	23,900	3.26	779	14	17,530	3.66	642	1-72		36	833	-.07	19	50
21-47-0043	7103767	1404202	7-68	2	305	24,570	3.35	824	27	17,885	3.42	611	10-71		40	1,069	-.07	27	66
21-47-0085	7810115	1408080	12-70	1	305	21,760	4.15	903	19	17,660	3.61	638	10-72		36	665	.03	28	51
21-48-0020	7296996	1379208	3-69	2	305	22,560	3.66	825	28	16,715	3.64	608	8-72		40	917	.01	35	67
21-48-0026	7479887	1543702	1-70	1	305	25,430	3.55	903	35	14,650	3.81	558	7-72		23	902	-.02	29	61
21-48-0040	7424592	1520161	9-69	1	305	17,510	3.85	675	41	15,210	3.62	551	8-72		33	510	.13	38	53
21-48-0060	6990932	1278644	10-67	2	299	22,550	3.41	769	15	16,885	3.55	600	9-72		40	952	-.07	24	59
21-48-0060	7387043	1419528	2-69	2	305	20,860	3.53	736	17	17,195	3.55	610	9-72		40	662	.02	27	50
21-48-0081	6335463	1239886	8-64	7	305	22,914	3.40	779	27	18,867	3.54	667	4-73		44	741	.00	26	52
21-48-0081	6701225	1278644	9-66	4	299	24,020	3.32	798	29	19,058	3.54	674	1-72		44	1,034	-.09	23	61
21-48-0081	6853533	1348259	10-66	4	305	21,700	3.48	756	31	18,795	3.52	661	6-72		44	704	.00	25	50
21-48-0081	6853540	1464428	3-67	3	301	21,780	3.67	799	29	18,177	3.67	668	9-72		39	960	-.07	24	59
21-48-0081	7129550	1272013	11-67	3	305	23,223	3.84	892	40	19,187	3.60	691	10-72		42	799	.01	30	58
21-48-0097	7146249	1377691	9-68	2	305	21,825	3.55	774	19	16,745	3.64	610	1-72		40	768	-.02	24	51
21-48-0097	7509956	1520161	10-69	2	295	19,190	4.10	787	22	17,360	3.55	617	9-72		38	552	.17	46	61
21-48-0121	5420126	1085978	8-61	7	305	23,766	3.60	855	17	17,840	3.55	634	4-72		44	1,099	.00	40	78
21-48-0121	5975776	1389471	11-63	6	305	21,752	3.82	830	16	18,162	3.67	667	4-73		44	694	.01	27	51
21-48-0131	6735841	1312008	12-66	4	303	21,590	3.22	696	34	16,388	3.61	592	4-72		44	769	-.02	25	52
21-48-0136	7300195	1399283	11-68	3	301	19,990	3.60	720	24	15,086	3.58	540	2-73		42	803	-.03	25	54
21-48-0136	7300200	1497304	11-68	2	305	20,770	3.52	731	22	15,080	3.52	531	10-72		29	749	-.01	26	52
21-48-0182	6928087	1348259	10-67	3	298	20,507	3.69	756	33	17,123	3.55	608	9-72		42	695	.03	29	53
21-48-0182	7140218	1349319	8-68	3	305	22,797	3.35	763	24	16,373	3.54	579	11-72		42	894	-.05	24	56
21-48-0182	7280421	1377691	3-69	2	305	22,860	3.18	727	21	16,120	3.59	579	10-72		40	923	-.08	21	55
21-48-0182	7280432	1404202	12-68	2	277	23,195	3.25	754	26	16,345	3.61	590	8-72		40	1,054	-.11	21	60
21-48-0200	7787444	1404271	4-69	2	295	17,985	3.62	651	18	14,020	3.71	520	3-73		40	765	.03	32	58
21-48-0205	7472891	1508685	7-69	1	305	26,400	3.10	819	13	17,870	3.84	633	9-71		35	973	-.11	18	55
21-48-0213	7766145	1447414	11-70	1	305	20,070	3.28	658	12	16,330	3.56	581	12-72		36	911	-.06	24	57
21-48-0229	6729096	1348259	12-66	3	305	21,577	3.82	824	24	14,680	3.68	540	3-72		42	1,043	.04	43	78
21-48-0229	7165303	1278644	9-68	3	305	19,293	3.47	670	33	14,730	3.72	548	10-72		42	847	-.07	19	50
21-48-0229	7306451	1419528	3-69	2	292	18,620	3.94	734	32	14,580	3.71	541	9-72		40	646	.06	33	54
21-48-0229	7306453	1377691	3-69	2	302	21,065	4.26	898	28	14,345	3.64	522	12-72		40	885	.07	43	72
21-48-0229	7306455	1499133	4-69	2	305	22,900	3.34	765	34	14,460	3.76	543	10-72		37	1,534	-.10	39	95
21-48-0243	5987626	1085978	11-63	6	305	22,543	3.33	750	19	18,770	3.61	678	3-73		44	846	-.05	22	53
21-48-0249	7747781	1427381	9-70	1	305	16,830	3.25	547	9	12,550	3.47	436	9-72		36	998	.02	39	73
21-48-0251	7403753	1427615	4-69	2	255	18,650	3.54	661	5	11,890	3.60	428	6-72	B	40	1,070	-.09	24	64
21-48-0262	7479807	1450228	6-69	3	230	19,396	3.27	634	7	15,143	3.49	529	8-72		42	960	-.05	26	61
21-48-0344	5514817	1189870	2-62	6	299	21,158	4.11	869	34	15,253	3.69	563	3-73		44	933	.09	48	78
21-48-0344	6735958	1239242	10-66	5	305	22,202	3.26	724	43	16,750	3.77	631	4-73		44	899	-.09	19	52
21-48-0344	6990948	1496919	9-67	3	305	20,513	3.51	721	38	16,040	3.75	602	7-72		32	828	-.02	27	56
21-48-0344	6990951	1496919	11-67	3	305	22,113	3.76	832	49	16,320	3.79	618	4-72		32	1,016	.03	41	76
21-48-0344	7239434	1496919	6-68	3	303	19,553	4.30	841	46	16,047	3.80	610	1-73		32	696	.12	43	64
21-48-0344	7239441	1496919	11-68	3	305	19,597	3.67	719	36	16,163	3.76	608	3-73		32	690	.01	26	50
21-48-0344	7514685	1526664	9-69	2	299	21,100	4.20	886	53	15,905	3.76	598	11-72		29	752	.08	40	64
21-48-0344	7771954	1458744	10-70	1	305	21,090	3.62	764	51	15,480	3.82	591	12-72		36	856	-.02	28	58
21-48-0461	6234137	1085978	10-64	5	304	21,006	3.73	783	29	17,864	3.52	629	6-72		44	741	.03	31	56
21-48-0461	7369546	1419528	2-69	2	298	20,670	3.77	779	55	17,575	3.53	621	9-72		40	611	.06	31	51
21-48-0583	8169268	1447414	8-70	1	305	20,660	3.81	787	32	16,080	3.79	610	10-72		36	970	-.02	32	66
21-49-0004	6779382	1261857	3-67	3	301	20,043	3.66	734	22	17,163	3.51	603	4-72		42	695	.07	36	58
21-49-0046	7323737	1383004	12-68	3	303	22,800	3.82	872	11	18,030	3.46	624	4-73		42	580	.15	43	60
21-49-0046	7644234	1427381	8-69	2	305	24,715	3.22	795	30	17,675	3.49	616	11-72		40	1,444	-.01	50	101
21-49-0046	7696547	1427381	10-69	2	305	21,370	3.41	729	39	17,305	3.48	602	9-72		40	1,134	.02	44	83
21-49-0046	7840930	1458744	11-70	1	305	25,340	3.42	867	13	19,170	3.41	654	2-73		36	953	-.01	32	66
21-49-0054	7095684	1387978	2-68	2	297	17,220	4.38	754	14	13,750	3.59	493	9-72		40	729	.08	39	62
21-49-0055	6930637	1492023	11-67	3	305	22,053	3.41	752	15	17,586	3.54	622	4-72		38	817	-.04	23	52
21-49-0089	6691330	1473251	8-66	5	295	21,022	3.49	734	25	16,334	3.45	564	3-73		32	798	.00	29	57
21-49-0089	6737644	1425137	12-66	4	305	22,133	3.59	794	36	16,670	3.48	580	2-72		44	755	.01	28	54
21-49-0089	7217954	1427381	1-69	2	295	21,680	3.44	745	35	16,235	3.50	568	7-72		40	1,253	.02	49	92
21-49-0089	7270880	1458744	10-68	3	305	18,880	3.76	710	31	16,526	3.40	562	3-73		42	701	.04	31	55
21-49-0089	7426216	1458744	1-69	2	305	19,900	3.21	638	45	16,160	3.49	564	10-72		40	811	-.05	22	51
21-49-0089	7770906	1427381	7-70	1	291	20,490	3.36	689	46	15,470	3.49	540	10-72		36	1,097	.02	43	81
21-49-0124	7854466	1427381	2-69	1	305	17,340	3.78	656	6	12,150	3.56	433	7-72		36	1,060	.06	47	83
21-49-0148	6996529	1458744	12-67	4	265	23,482	3.13	735	34	18,997	3.30	626	1-73	B	44	1,039	-.06	28	66
21-49-0148	7008316	1494058	9-67	3	305	24,043	3.05	733	26	17,930	3.50	627	8-72		31	1,118	-.12	22	64
21-49-0148	7151462	1458744	3-68	4	253	21,357	3.15	672	27	18,887	3.29	622	3-73	B	44	788	-.05	21	50
21-49-0148	7151468	1494058	9-68	3	255	22,540	3.50	790	38	19,220	3.30	634	1-73	B	31	770	.01	29	56
21-49-0148	7409604	1458744	3-69	3	240	24,570	3.45	848	31	19,106	3.28	627	2-73	B	42	1,118	.01	41	80
21-49-0148	7561829	1427381	11-69	2	234	21,195	3.10	657	40	19,285	3.35	646	1-73	B	40	956	-.01	33	67
21-49-0148	7853486	1458744	8-70	1	105	23,540	3.29	774	20	18,610	3.28	611	3-73	B	36	852	-.02	27	57
21-49-0156	7253026	1499876	8-68	2	305	21,620	2.99	647	43	15,640	3.34	522	10-71		37	923	-.11	16	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES... NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
21-49-0185	7691405	1417208	8-70	1	305	21,690	3.29	713	16	13,700	3.69	506	9-72		36	934	-.04	28	$ 61
21-49-0185	7691410	1458744	11-70	1	305	18,010	4.04	727	11	14,400	3.53	509	1-73		36	691	.03	30	53
21-49-0185	7974140	1458744	3-70	1	305	17,890	3.76	672	17	13,950	3.64	508	10-72		36	709	.00	26	51
21-49-0188	6482693	1085978	8-65	5	300	25,832	3.77	974	16	19,218	3.51	675	4-72		44	1,224	.04	51	93
21-49-0188	7287163	1348259	1-69	3	290	23,147	3.56	823	14	20,180	3.47	701	1-73		42	717	.01	28	53
21-49-0188	7572861	1404931	8-69	1	305	26,750	3.24	868	18	19,210	3.51	675	10-71	H	36	937	-.10	18	53
21-49-0231	6828822	1278644	1-67	4	305	19,395	3.36	652	46	14,940	3.47	518	11-72		44	870	-.07	21	53
21-49-0242	7260998	1458744	12-68	3	305	18,670	3.35	625	14	14,023	3.44	483	3-73		42	907	-.03	28	60
21-49-0242	7452426	1427381	10-69	2	305	18,800	3.14	590	13	13,675	3.52	481	3-73		40	1,168	-.01	40	81
21-49-0242	8032928	1427381	12-70	1	305	16,210	3.70	600	8	14,450	3.52	509	3-73		36	839	.05	38	66
21-49-0288	7429178	1387978	7-69	1	305	20,820	3.45	719	16	15,810	3.54	559	5-72		36	811	-.02	26	55
21-49-0298	7078505	1458744	1-68	2	305	18,395	3.30	607	26	13,890	3.67	510	11-71		40	842	-.05	23	54
21-49-0452	7054760	1278644	12-67	3	277	19,463	3.83	745	71	16,353	3.47	567	2-72		42	787	.00	26	51
21-49-0452	7107118	1278644	4-68	2	305	21,695	3.16	686	54	16,330	3.52	574	5-72		40	910	-.10	17	51
21-49-0452	7188041	1348259	10-68	3	305	19,077	3.81	726	93	16,130	3.44	555	11-72		42	622	.05	30	50
21-49-0452	7264800	1419528	2-69	2	295	22,170	3.37	747	79	16,365	3.40	556	1-72		40	862	.01	33	63
21-49-0452	7264806	1419528	3-69	2	302	21,125	3.38	714	34	16,570	3.56	590	5-72		40	739	.00	27	53
21-49-0452	7273843	1348259	12-68	2	305	22,915	3.66	838	59	16,410	3.48	571	4-72		40	953	-.02	38	71
21-49-0452	7594280	1377691	10-69	2	305	23,595	3.45	814	78	17,915	3.43	615	12-72		40	852	-.02	27	57
21-49-0452	7737378	1428104	10-70	1	305	22,140	3.31	732	120	16,710	3.60	601	11-72		36	902	-.10	17	51
21-49-0572	7747532	1545317	7-70	1	305	21,110	3.77	796	46	17,690	3.43	606	11-72		31	652	.03	28	50
21-49-0589	7464047	1419528	7-69	1	305	23,500	3.58	841	16	15,530	3.46	537	1-72		36	860	.03	36	65
21-49-0770	7192703	1387978	8-68	2	305	19,835	3.59	713	44	16,715	3.60	601	8-72		40	753	-.01	26	52
21-49-0973	7543451	1458744	8-69	1	305	20,190	4.03	813	27	16,130	3.58	578	8-71		36	750	.03	32	57
21-49-0973	7543455	1427381	8-69	2	305	21,115	3.62	764	28	16,570	3.58	593	11-72		40	1,168	.04	49	89
21-49-0973	7543456	1427381	8-69	2	305	18,840	4.03	760	32	16,030	3.57	573	9-72		40	981	.09	50	82
21-49-0973	7543457	1427381	10-69	2	296	19,590	3.62	709	13	17,310	3.54	612	1-73		40	953	.04	41	73
21-49-0973	7543458	1427381	11-69	2	305	20,920	3.34	699	16	17,940	3.55	637	2-73		40	1,037	.00	38	74
21-49-0973	7577336	1458744	1-70	1	305	21,040	3.39	713	33	16,100	3.55	572	10-72		36	815	-.03	25	54
21-49-0973	7729114	1458744	11-70	1	305	21,090	4.34	915	18	17,320	3.42	593	12-72		36	746	.08	39	63
21-50-0016	7492823	1447414	7-69	1	305	18,350	3.20	588	23	16,250	3.34	542	9-71		36	787	-.05	21	50
21-50-0016	7626008	1387978	9-68	3	305	25,950	3.18	826	31	16,863	3.48	587	2-73		42	1,478	-.07	42	95
21-50-0016	7926397	1447414	10-69	1	305	18,640	3.35	624	16	15,170	3.42	519	5-72		36	873	-.04	25	56
21-50-0016	8035826	1447414	3-70	1	305	17,930	3.44	617	23	14,800	3.57	528	9-72		36	843	-.04	24	54
21-50-0016	8035827	1447414	3-70	1	305	18,680	3.37	630	25	15,540	3.64	565	10-72		36	854	-.05	23	54
21-50-0038	7853109	1458744	10-70	1	305	24,550	3.58	879	18	18,220	3.50	637	2-73		36	950	-.01	33	66
21-50-0053	7126820	1349319	8-68	3	305	23,760	3.40	807	31	17,977	3.40	612	1-73		42	857	-.03	26	57
21-50-0053	7668253	1377691	1-70	1	305	25,600	3.20	825	30	18,810	3.43	646	1-72		36	805	-.05	21	50
21-50-0053	7668266	1419528	1-69	2	305	22,940	3.30	758	25	19,045	3.39	646	4-72		40	722	.01	27	52
21-50-0053	7951117	1312008	4-70	1	305	26,350	3.50	923	23	18,290	3.45	631	9-72		36	749	.05	35	60
21-50-0053	7951121	1458744	8-70	1	305	22,130	3.44	761	23	18,460	3.45	637	9-72		36	736	-.01	25	52
21-50-0053	7951123	1427381	9-70	1	305	27,150	3.50	950	31	19,560	3.44	672	11-72		36	1,349	.04	55	101
21-50-0060	6537042	1221835	7-68	9	299	20,614	3.50	721	14	16,796	3.48	584	1-73		44	771	-.01	26	53
21-50-0146	5942097	1181029	9-63	6	305	21,832	3.80	829	37	16,860	3.55	598	2-72		44	711	.06	38	58
21-50-0146	6496774	1278644	10-65	6	301	21,412	3.26	697	44	17,036	3.53	601	12-72		44	934	-.09	19	54
21-50-0146	6971205	1085978	9-67	3	305	20,770	3.99	829	41	16,717	3.52	588	3-72		42	776	.07	38	63
21-50-0530	5810686	1085978	11-62	7	301	21,579	3.30	713	25	16,473	3.45	569	1-72		44	958	-.04	28	62
21-50-0530	5956565	1085978	11-63	7	297	21,236	3.24	688	26	16,854	3.44	580	4-72		44	875	-.05	24	56
21-50-0530	6998019	1375967	10-67	4	304	24,617	3.09	760	28	17,832	3.52	627	1-73		44	1,102	-.14	17	59
21-50-0650	5245403	1085978	12-60	6	296	19,573	3.66	716	23	15,220	3.67	558	11-72		44	829	.00	30	59
21-50-0689	7211417	1404202	11-68	2	305	19,285	3.28	632	20	13,860	3.45	478	3-72		40	859	-.08	18	50
21-50-0840	6940032	1085978	5-67	3	280	22,093	3.46	765	19	17,917	3.43	614	6-72		42	817	-.01	28	57
21-50-0843	7566822	1221835	3-70	1	305	24,050	3.33	800	54	16,330	3.50	571	11-72		36	855	-.04	25	56
21-50-0843	7757050	1347940	9-70	1	305	21,610	3.31	715	53	16,330	3.50	572	11-72		36	917	-.02	30	62
21-50-0995	7807912	1419528	9-70	1	305	22,750	3.58	814	37	14,770	3.60	532	10-72		36	849	.02	34	63
21-52-0011	7471414	1427381	11-69	1	293	18,700	3.91	732	8	15,840	3.79	601	10-72		36	941	.06	43	74
21-52-0032	6682245	1348259	8-66	5	305	20,712	3.42	709	27	15,532	3.56	553	3-73		44	931	-.02	31	64
21-52-0032	7033978	1348259	2-68	3	305	20,450	3.35	685	23	15,327	3.63	556	3-73		42	854	-.04	25	56
21-52-0032	7174540	1419528	7-68	3	300	20,753	3.58	742	31	15,507	3.55	550	10-72		42	853	.03	35	64
21-52-0034	6270324	1312008	10-64	5	305	19,510	3.98	776	16	16,128	3.60	580	2-72		44	557	.11	37	84
21-52-0034	6787625	1252934	10-66	4	305	20,278	4.07	825	17	16,278	3.58	582	11-72		44	659	.09	38	59
21-52-0034	6900380	1348259	8-67	3	305	22,157	3.49	774	16	15,910	3.59	571	1-73		42	996	-.01	34	69
21-52-0053	7136447	1458744	7-68	2	305	19,275	3.85	743	13	16,305	3.59	586	3-72		40	735	.03	31	56
21-52-0053	7136450	1504686	8-68	3	304	20,033	3.76	754	18	16,350	3.57	583	1-73		41	641	.08	36	56
21-52-0063	7004424	1347940	2-68	4	273	21,112	3.30	697	21	15,130	3.64	550	3-73		44	1,193	-.05	35	78
21-52-0063	7042597	1347940	1-68	2	305	17,140	3.63	623	31	14,345	3.64	522	12-72		40	746	.01	28	54
21-52-0063	7296284	1497509	10-68	3	297	16,873	3.31	624	30	15,200	3.63	551	12-72		39	761	-.03	23	50
21-52-0065	7146841	1348259	9-68	3	305	21,770	3.49	759	23	17,623	3.56	627	11-72		42	794	-.01	27	55
21-52-0065	7323050	1506872	3-69	2	305	19,135	3.99	764	25	15,980	3.59	574	9-72		36	657	.07	34	55
21-52-0065	7628872	1419528	3-70	1	305	21,140	3.47	733	20	15,130	3.67	555	8-72		36	708	.01	27	51
21-52-0071	6930602	1377691	10-67	3	297	22,270	3.51	782	39	17,946	3.68	661	2-72		42	775	-.04	22	50
21-52-0071	7294687	1377691	12-68	3	305	22,966	3.68	845	18	16,836	3.78	637	3-73		42	958	-.02	32	66
21-52-0091	6232888	1199324	11-64	6	305	21,137	3.64	770	13	17,052	3.71	633	3-73		44	1,011	-.02	34	70
21-52-0091	6492144	1406271	11-65	8	305	18,952	3.89	737	16	17,030	3.73	635	2-73		44	659	.06	33	54
21-52-0091	6649427	1406271	11-66	4	305	19,910	4.31	859	13	16,468	3.78	623	12-72		44	824	.13	49	75
21-52-0091	7009909	1458744	3-68	2	305	23,985	3.88	930	15	17,215	3.78	650	12-72		40	1,140	.02	44	83
21-52-0091	7753614	1458744	8-70	1	305	23,470	3.14	799	10	17,530	3.78	663	11-72		36	1,060	-.08	26	65
21-52-0091	7760137	1427381	8-70	1	305	20,000	3.85	769	10	17,430	3.62	631	9-72		36	944	.06	44	75
21-52-0105	6758945	1458744	7-66	3	286	18,880	3.25	613	11	14,290	3.53	505	7-72	B	42	907	-.05	25	58
21-52-0111	7520990	1458744	8-69	2	305	18,940	3.73	706	12	16,015	3.59	575	2-73		40	725	.01	28	53
21-52-0113	6152408	1085978	9-64	5	303	21,614	3.41	736	18	17,528	3.45	604	3-72		44	854	-.02	27	57
21-52-0113	6984769	1437326	8-67	3	303	22,410	3.24	726	10	17,057	3.51	598	5-72		32	898	-.07	22	55
21-52-0127	7943883	1427381	12-69	1	305	15,250	3.50	534	20	12,640	3.62	458	10-72		36	875	-.04	37	67
21-52-0154	7206143	1458744	8-68	2	305	19,680	3.63	714	22	14,345	3.72	534	2-73		40	936	-.01	32	65
21-52-0155	6125767	1240125	7-63	7	281	20,580	3.37	694	10	16,709	3.60	602	1-72	B	44	806	-.05	22	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION.. COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	..INDEX.. MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
21-52-0162	6677746	1292880	2-66	4	305	23,310	3.48	811	14	15,913	3.54	564	7-72		44	817	.01	31	$ 59
21-52-0162	7142634	1394348	9-68	2	305	24,855	3.46	861	17	15,260	3.58	546	6-72		40	1,067	-.03	33	71
21-52-0162	7729658	1427381	4-70	1	305	22,610	3.30	745	10	19,230	3.40	654	10-72		36	1,031	.03	41	76
21-52-0167	6091967	1239086	1-63	6	305	21,293	3.55	755	23	17,250	3.62	625	4-72		44	699	.02	28	52
21-52-0167	6364658	1399197	1-65	5	302	21,182	3.66	776	23	17,076	3.63	620	9-72		40	908	.02	36	67
21-52-0167	6830743	1372874	6-67	4	305	22,405	3.27	733	25	16,700	3.67	613	10-72		44	956	-.11	17	53
21-52-0167	6867639	1278644	8-67	4	301	21,540	3.50	753	22	17,385	3.58	623	2-73		44	893	-.06	23	56
21-52-0185	6756828	1348259	11-66	3	299	25,757	3.53	908	14	19,447	3.46	672	2-72	H	42	1,085	.01	40	78
21-52-0185	7046901	1312008	10-67	3	305	21,777	3.68	801	15	17,780	3.55	631	10-72		42	618	.06	32	52
21-52-0185	7375146	1404202	3-69	2	305	22,750	3.15	716	12	16,490	3.64	601	3-73		40	997	-.12	17	55
21-52-0185	/585000	1520161	8-69	1	305	21,680	3.92	849	21	17,470	3.67	641	10-72		33	694	.14	46	67
21-52-0234	6805980	1278644	2-67	4	302	18,688	3.19	596	38	13,123	3.38	443	8-72		44	962	-.09	21	57
21-52-0234	7283799	1408080	1-69	2	305	19,285	3.30	637	43	13,275	3.39	450	10-72		40	878	-.05	24	56
21-52-0235	6369307	1417208	7-65	5	299	18,042	3.56	642	18	15,064	3.62	545	6-72		44	704	.00	25	50
21-52-0235	6958845	1441298	8-67	3	303	19,080	3.48	664	19	15,773	3.61	570	7-72		40	996	-.07	25	61
21-52-0235	7269135	010275932	11-68	2	305	20,415	3.78	771	14	15,105	3.67	555	6-72		40	663	.04	30	52
21-52-0254	6181983	1315498	11-64	4	305	24,078	3.82	920	14	18,710	3.67	687	10-72		44	757	.02	31	57
21-52-0287	6709680	1348259	8-66	4	299	20,170	3.57	720	14	16,653	3.62	603	5-72		44	727	.00	26	51
21-52-0287	7402803	1301864	11-68	3	304	22,210	3.57	794	18	17,950	3.38	606	12-72		42	632	.04	29	50
21-52-0310	5910548	1094074	9-63	7	304	21,029	3.45	726	48	14,803	3.52	521	1-73		44	779	-.03	24	52
21-52-0310	6842902	1458744	8-67	4	292	19,310	3.36	648	54	15,502	3.60	558	10-72		44	869	-.05	24	55
21-52-0310	7142427	1273756	8-67	3	305	20,660	3.37	697	64	15,300	3.54	542	10-72		42	929	.00	33	65
21-52-0310	7196161	1387978	12-68	2	305	19,270	3.45	665	27	15,095	3.49	527	6-72		40	828	-.02	27	56
21-52-0310	7455315	1458744	11-69	2	305	21,120	3.60	760	57	15,410	3.52	543	11-72		40	995	.00	36	71
21-52-0310	7576203	1458744	8-69	2	305	18,435	3.50	646	57	15,410	3.52	543	11-72		40	723	-.01	24	50
21-52-0310	7612344	1458744	8-70	1	298	20,210	3.62	731	54	15,950	3.52	562	11-72		36	762	.00	27	54
21-52-0338	7100626	1348259	8-67	4	300	19,428	3.64	707	19	15,958	3.48	556	10-72		44	704	.02	29	53
21-52-0362	7510587	1427381	7-69	2	297	18,185	3.62	658	11	14,120	3.63	513	9-72		40	1,070	.04	44	80
21-52-0379	6704750	1458744	9-66	3	305	19,106	3.59	685	32	15,146	3.49	528	3-72		42	854	.00	31	61
21-52-0379	6920195	1347940	5-67	4	293	17,877	3.38	604	47	15,007	3.50	525	1-73		44	806	-.02	26	55
21-52-0379	7141830	1273756	6-67	4	305	18,733	3.19	597	61	14,938	3.49	521	10-72		44	767	-.02	24	51
21-52-0379	7352451	1458744	7-69	2	303	19,350	3.42	662	57	15,215	3.48	530	11-72		40	832	-.02	27	56
21-52-0379	7507267	1417208	10-69	1	305	22,150	3.12	690	78	15,700	3.50	550	10-72		36	849	-.04	24	55
21-52-0379	7507268	1458744	10-69	1	305	23,050	3.10	715	50	15,740	3.49	550	11-72		36	987	-.06	26	62
21-52-0379	7576197	1290716	7-69	2	305	19,725	3.74	737	37	14,515	3.49	506	2-73		40	518	.11	36	51
21-52-0379	7576206	1458744	10-69	1	305	18,920	3.55	672	34	14,560	3.53	514	7-72		36	749	-.01	25	51
21-52-0379	7576211	1458744	3-70	1	305	21,650	3.05	660	46	15,400	3.51	540	8-72		36	902	-.06	23	56
21-52-0379	7576212	1458744	4-70	1	305	21,310	3.47	740	57	15,590	3.48	543	9-72		36	866	-.01	29	60
21-52-0379	7747464	1458744	6-70	1	305	21,080	2.99	630	58	15,610	3.50	546	10-72		36	848	-.07	20	51
21-52-0431	6819428	1261057	5-67	3	300	21,833	4.06	887	27	16,193	3.80	615	10-72		42	991	.10	52	84
21-52-0577	5957485	1085978	11-63	5	305	21,968	3.42	751	42	18,036	3.57	644	3-72		44	847	-.04	25	55
21-52-0577	6455866	1348259	12-65	5	298	20,872	3.60	752	50	18,492	3.45	638	1-72		44	646	.03	28	50
21-52-0577	6648208	1312008	10-66	5	305	22,866	3.47	793	46	18,216	3.49	636	3-73		44	774	.03	33	59
21-52-0577	6914913	1348259	10-67	3	305	22,803	3.60	822	45	18,213	3.48	633	4-72		42	859	.02	34	63
21-52-0577	7007587	1492023	1-68	2	303	23,175	3.56	824	54	18,130	3.52	638	11-71		35	823	-.02	27	56
21-52-0637	6031593	1085978	11-64	5	305	20,932	3.26	683	13	14,844	3.63	539	9-72		44	1,043	-.07	27	65
21-52-0637	7188096	1486558	9-67	3	305	18,813	3.83	721	16	16,030	3.56	571	7-72		40	629	.05	30	51
21-52-0637	7952882	1419528	11-69	2	294	22,340	3.46	772	18	15,850	3.48	551	2-73		40	921	.02	36	68
21-52-0649	8030773	1450228	4-70	1	305	21,270	3.63	773	9	15,360	3.69	567	7-72		36	956	-.02	31	65
21-52-0690	6090908	1245520	4-64	6	305	21,753	3.50	762	36	14,993	3.50	525	5-72		44	1,104	-.04	34	73
21-52-0690	6731163	1348259	11-66	4	302	19,665	3.57	703	33	15,280	3.41	521	1-73		44	800	.02	32	59
21-52-0802	5684675	1399197	9-62	9	304	18,930	3.92	743	37	16,188	3.64	589	3-73		40	694	.07	35	58
21-52-0802	7254216	1427381	9-68	2	295	20,740	3.71	769	44	16,290	3.68	600	11-72		40	1,153	.05	49	88
21-52-0802	7468313	1520161	8-69	2	305	19,010	3.77	717	45	16,675	3.65	609	12-72		38	590	.12	40	58
21-52-0880	6468628	1348259	8-65	4	305	20,638	3.66	755	57	16,555	3.67	607	1-73		44	794	.01	30	57
21-53-0017	6959061	1387978	12-67	4	305	21,040	3.27	687	27	16,468	3.59	592	10-72		44	983	-.06	26	62
21-53-0017	7540332	1458744	3-70	1	305	21,380	3.62	774	23	16,730	3.48	583	2-72		36	803	.00	29	57
21-53-0017	7645959	1458744	6-70	1	305	21,540	4.18	900	20	16,590	3.63	602	1-73		36	823	.05	37	64
21-53-0055	7351317	1458744	9-69	2	303	18,360	3.91	717	22	15,200	3.59	546	10-72		40	732	.03	31	56
21-53-0061	7771114	1536450	3-70	1	305	16,900	3.93	665	20	13,650	3.60	491	9-72		33	743	.01	29	55
21-53-0067	7161473	1399824	10-68	2	305	22,210	3.58	795	27	15,540	3.56	553	12-72		40	1,011	.02	40	75
21-53-0067	7189403	1516360	11-68	2	297	20,890	3.51	733	23	15,500	3.56	552	1-73		38	1,087	-.01	37	75
21-53-0146	7218998	1278644	2-67	3	305	21,327	3.50	747	19	16,317	3.54	577	12-72		42	934	-.06	25	59
21-53-0160	6016869	1239086	1-64	6	274	21,363	3.18	680	33	15,230	3.53	537	1-73	B	44	917	-.04	27	60
21-53-0160	6429521	1221835	11-65	4	300	19,148	3.72	712	33	14,288	3.58	512	5-72		44	817	.01	31	59
21-53-0160	7621828	1419528	1-69	2	298	19,455	3.95	768	49	13,470	3.57	481	8-72	B	40	821	.07	41	68
21-53-0168	6389340	1240125	7-65	4	304	21,630	3.29	712	21	17,033	3.64	620	9-72		44	883	-.06	22	54
21-53-0168	7361184	1404931	1-68	3	300	21,383	3.82	817	23	17,260	3.64	628	1-73		42	814	-.02	26	55
21-53-0180	6264555	1085978	12-64	7	297	21,811	3.20	699	16	17,463	3.53	617	12-72		44	886	-.07	21	54
21-53-0198	6530055	1348259	9-65	5	305	20,732	3.16	655	40	16,242	3.50	568	6-72		44	860	-.06	22	53
21-53-0198	7189301	1377691	7-68	3	305	19,976	3.89	777	42	16,793	3.41	572	1-73		42	618	.05	30	50
21-53-0198	7280230	1509548	9-68	3	305	20,713	3.32	688	40	16,293	3.49	568	10-72		39	953	-.03	30	64
21-53-0198	7879490	1544708	7-70	1	305	19,960	3.59	717	40	16,860	3.46	584	8-72		31	765	.04	34	60
21-53-0198	7902262	1544708	9-70	1	305	21,000	2.84	597	42	16,630	3.46	576	9-72		31	865	-.04	25	56
21-53-0198	8092590	1544708	10-70	1	305	22,700	3.65	828	41	17,710	3.22	571	2-73		31	933	.07	44	75
21-53-0198	8185500	1404202	11-70	1	305	24,120	3.33	802	32	17,520	3.26	572	2-73		36	880	-.07	21	53
21-53-0263	5739014	1340669	11-62	6	305	22,105	3.38	748	11	16,648	3.50	582	3-73		44	953	-.09	21	56
21-53-0263	7092412	1377691	5-68	3	305	21,930	3.29	721	17	16,816	3.43	577	11-72		42	840	-.05	23	53
21-53-0263	7743677	1419528	9-70	1	305	24,330	3.30	802	18	17,790	3.36	597	2-73		36	787	.01	30	57
21-53-0274	7518722	1312008	9-69	2	305	22,115	3.33	736	34	15,950	3.34	533	7-72		40	741	.03	32	57
21-53-0297	7317997	1520161	5-69	2	305	18,915	3.67	695	20	15,600	3.52	549	1-73		38	671	.12	42	63
21-53-0304	7702243	1348259	9-69	1	305	17,350	3.68	638	11	11,110	3.49	388	11-72		36	686	.02	27	51
21-53-0542	6680638	1389471	12-66	4	305	22,205	3.27	725	29	17,195	3.47	596	8-72		44	824	-.06	20	50
21-53-0542	7478902	1458744	10-69	2	305	22,575	3.57	805	19	16,475	3.41	630	12-72		40	894	.01	33	64
21-53-0542	7478903	1458744	2-70	1	305	21,480	3.13	672	30	15,800	3.49	551	7-72		36	866	-.05	23	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
21-53-0780	7190625	1377691	8-68	3	285	23,603	3.55	838	20	19,420	3.56	692	12-72	B	42	793	-.02	26	$ 54
21-53-0780	7541076	1312008	4-70	1	305	22,690	4.21	956	10	17,600	3.56	626	7-72		36	517	.12	37	52
21-55-0004	7414907	1427381	8-69	2	293	18,280	3.57	652	29	16,415	3.58	588	8-72		40	893	.04	38	68
21-55-0009	7300370	1487607	7-67	3	295	21,433	3.32	711	45	16,277	3.59	584	1-72		38	845	-.05	23	54
21-55-0011	6218759	1239886	11-64	6	305	25,367	3.48	883	16	19,353	3.66	708	3-72		44	1,008	.00	36	71
21-55-0011	6429604	1348259	10-65	6	305	22,692	3.51	797	14	19,208	3.67	704	10-72		44	807	-.01	27	55
21-55-0011	6934987	1348259	9-67	4	305	24,590	3.47	853	14	20,100	3.68	740	12-72		44	932	-.03	29	62
21-55-0011	7205653	1348259	10-68	2	305	22,550	3.73	841	13	19,455	3.68	716	10-72		40	669	.02	27	50
21-55-0013	7818774	1458744	11-70	1	305	21,830	3.43	748	13	17,600	3.57	628	2-73		36	785	-.03	24	52
21-55-0013	7818778	1427381	8-70	1	293	21,250	3.62	770	9	17,050	3.63	619	3-73		36	1,059	.04	44	80
21-55-0014	5395290	010245252	10-56	9	305	20,496	4.44	909	25	15,426	3.46	533	7-72		38	797	.21	61	84
21-55-0014	6028582	010260599	3-63	7	305	22,254	3.26	725	14	17,256	3.61	623	3-72		44	896	-.10	16	50
21-55-0014	7048818	010275932	5-67	4	305	21,708	3.74	811	18	17,993	3.56	641	2-73		44	650	.05	31	52
21-55-0014	7709397	1427381	2-69	2	299	17,355	3.58	621	16	15,855	3.61	573	6-72		40	845	.04	36	65
21-55-0020	6236056	1245520	4-64	6	304	21,620	3.31	716	21	16,092	3.53	568	4-72		44	973	-.07	24	60
21-55-0041	7634745	1377691	5-69	1	305	20,460	3.65	746	41	13,280	3.68	489	8-72		36	737	-.02	24	50
21-55-0041	8055093	1544708	8-70	1	296	15,850	3.74	593	38	13,350	3.66	489	7-72		31	659	.04	30	52
21-55-0051	6035415	1221835	10-63	8	302	23,748	3.31	786	20	18,085	3.46	625	3-73		44	1,042	-.05	30	68
21-55-0066	7628984	1427381	1-70	2	300	16,545	3.71	614	9	14,700	3.70	544	2-73		40	856	.04	37	66
21-55-0066	7628985	1427381	2-70	1	305	17,590	3.83	673	19	14,250	3.71	528	10-72		36	954	.06	43	75
21-55-0066	7628987	1427381	7-70	1	305	19,780	3.51	694	19	13,890	3.67	510	7-72		36	1,138	.03	45	84
21-55-0145	7148730	1349319	6-68	2	305	20,945	3.57	748	15	13,700	3.58	491	2-72		40	835	-.02	27	57
21-55-0171	7337321	1348259	6-67	4	303	22,410	3.55	796	20	18,395	3.64	669	1-73		44	831	-.01	29	58
21-55-0266	7057083	1458744	2-68	1	305	23,250	3.75	872	31	17,460	3.57	624	12-71		36	899	.01	34	65
21-55-0322	7436671	1458744	9-69	1	305	24,840	3.70	919	34	18,090	3.50	633	11-71		36	980	.01	37	71
21-55-0322	7564661	1458744	12-69	1	305	23,210	3.31	768	11	18,250	3.47	633	3-72		36	849	-.03	26	56
21-55-0322	7564663	1427381	10-69	1	305	19,980	3.58	716	6	17,880	3.49	624	5-72		36	915	.05	40	71
21-55-0352	7118708	1458744	8-68	2	305	21,330	4.66	994	60	17,590	3.54	623	3-72		40	840	.15	53	79
21-55-0352	7465608	1458744	12-68	2	305	18,255	3.92	715	65	15,825	3.54	560	10-72		40	671	.04	30	52
21-55-0352	7887815	1483844	8-69	2	305	23,145	3.52	815	67	16,525	3.49	576	1-73		40	781	-.01	27	54
21-55-0352	8132337	1458744	8-70	1	305	21,680	3.74	810	83	15,840	3.47	550	9-72		36	879	.02	34	64
21-55-0354	7312269	1479593	9-68	3	274	21,930	3.16	692	33	16,410	3.46	567	1-73		39	981	-.07	24	60
21-55-0473	6503492	1348259	3-66	5	295	20,014	3.89	779	22	16,854	3.70	624	2-73		44	705	.04	32	56
21-55-0473	7547778	1348259	5-69	2	305	21,285	3.77	803	25	17,915	3.65	654	8-72		40	666	.03	28	51
21-55-0477	7999188	1427381	8-69	2	305	19,985	3.33	665	31	15,475	3.65	565	1-73		40	1,142	.00	41	81
21-55-0477	8030401	1427381	2-70	1	305	18,940	4.18	791	30	14,190	3.72	528	10-72		36	1,058	.08	51	86
21-55-0501	6934986	1348259	9-67	2	305	20,235	4.07	824	10	15,480	3.61	559	6-72		40	757	.07	38	63
21-55-0501	7544091	1427381	10-69	1	303	17,990	3.76	677	14	15,700	3.68	577	8-72		36	897	.05	40	70
21-55-0501	7952957	1427381	12-69	1	305	17,310	3.73	645	14	15,700	3.68	577	8-72		36	846	.05	38	66
21-55-0501	7986325	1430145	1-71	1	305	23,340	3.30	771	16	16,550	3.58	592	3-73		35	777	-.03	24	52
21-55-0507	7446225	1347940	2-68	3	303	16,826	4.12	694	11	15,060	3.62	545	3-73		42	665	.07	34	56
21-55-0507	7598313	1427381	12-69	1	305	22,020	3.47	765	12	15,420	3.72	573	2-73		36	1,214	.02	47	89
21-55-0525	6064510	1239886	2-64	6	305	20,993	4.18	877	28	17,952	3.64	654	1-73		44	588	.13	41	58
21-55-0525	6453005	1389471	9-65	6	301	24,238	3.60	872	35	18,378	3.67	675	1-73		44	992	-.03	31	66
21-55-0525	7669450	1419528	6-70	1	305	25,900	3.64	943	34	18,920	3.73	705	12-72		36	836	.03	34	63
21-55-0526	6738313	1221835	10-66	5	305	21,332	3.27	697	22	17,100	3.53	603	2-73		44	832	-.06	21	51
21-55-0532	6911926	1242163	9-67	2	305	22,210	3.23	718	29	15,640	3.56	557	2-73		40	1,025	-.15	13	53
21-55-0532	7769356	1447414	6-70	1	305	18,920	3.34	632	41	17,000	3.54	602	10-72		36	785	-.05	21	50
21-55-0535	6508109	1389471	2-65	2	305	20,350	3.62	737	7	14,380	3.46	498	10-72		40	750	-.01	26	52
21-55-0551	6797346	1489229	3-67	3	305	23,137	3.63	839	19	15,400	3.60	554	7-72		29	1,125	.01	42	81
21-55-0551	7091610	1273756	12-67	3	303	19,630	3.45	677	31	16,313	3.57	583	12-72		42	718	.01	27	52
21-55-0587	7375411	1427381	6-69	1	305	20,360	3.45	703	23	17,710	3.33	589	3-72		36	954	.04	41	73
21-55-0587	7446782	1427381	4-69	1	305	17,070	3.68	629	50	14,840	3.42	507	7-72		36	880	.06	41	70
21-55-0587	7446786	1427381	9-69	1	305	20,600	2.85	588	60	16,030	3.44	552	12-72		36	1,072	-.02	35	73
21-55-0587	7469643	1427381	10-69	1	305	27,390	3.79	1039	62	15,080	3.45	520	8-72		36	1,634	.07	70	125
21-55-0587	7651598	1457932	6-70	1	305	23,240	3.15	733	76	15,400	3.49	538	10-72		31	904	-.10	17	51
21-55-0676	7869247	1458744	12-69	1	305	24,690	3.26	805	17	16,800	3.45	579	11-71		36	1,046	-.04	31	69
21-55-0725	6825921	1278644	1-67	4	302	19,960	3.42	683	11	15,573	3.59	559	8-72		44	877	-.07	21	53
21-55-0767	6898158	1278644	9-67	3	305	22,387	3.65	818	49	14,410	3.79	546	10-72		42	1,232	-.05	36	80
21-55-0767	7205850	1521710	9-68	3	298	22,223	3.52	782	51	15,357	3.72	571	12-72		29	1,000	-.03	32	67
21-55-0767	7328439	1427381	11-68	2	305	18,835	3.76	709	78	13,995	3.77	527	9-72		40	1,146	.04	48	87
21-56-0040	7557454	1348259	8-69	2	303	21,810	3.26	710	16	16,095	3.60	580	1-73		40	867	-.04	25	56
21-56-0060	6412624	1347940	12-65	5	294	18,596	3.69	687	8	16,326	3.41	557	1-73		44	773	.03	33	59
21-56-0060	6531979	1347940	7-65	3	223	20,090	3.75	753	12	15,983	3.47	554	10-72	B	42	956	.04	40	72
21-56-0060	6802605	1347940	1-67	4	305	19,132	4.06	777	6	16,570	3.46	573	4-73		44	806	.09	43	69
21-56-0073	7301971	1408080	9-68	3	305	22,286	3.29	734	15	16,763	3.42	573	10-72		42	970	-.06	26	61
21-56-0249	7199414	1516870	10-68	2	305	20,430	3.99	815	16	15,860	3.49	554	4-72		29	793	.04	35	62
21-56-0249	7451446	1516870	5-69	2	305	21,695	3.17	687	14	14,535	3.54	514	9-72		29	1,070	-.09	24	64
21-56-0249	7587045	1516870	1-70	2	303	20,935	3.17	663	6	15,435	3.61	557	4-73		29	893	-.10	17	51
21-56-0365	7211244	1377954	10-68	3	305	19,903	3.55	706	20	17,123	3.58	613	10-72		42	710	.01	27	52
21-56-0994	7477438	1387978	11-69	2	305	22,640	3.71	841	32	18,290	3.50	641	1-73		40	910	.02	36	67
21-56-0994	7477443	1427381	11-69	2	301	21,430	3.65	782	35	18,440	3.54	653	12-72		40	1,048	.05	46	81
21-56-0994	7553940	1520833	1-70	1	305	26,730	3.33	889	24	17,160	3.62	622	8-72		19	958	-.04	28	62
22-10-0034	6448761	1347940	10-65	4	300	18,860	3.40	642	28	15,555	3.84	598	8-71		44	873	-.05	24	56
22-10-0034	6605822	1347940	5-66	5	300	18,962	3.84	729	29	14,686	3.84	564	8-72		44	989	.02	38	72
22-10-0034	6732880	1347940	11-66	4	303	18,655	3.40	635	17	15,240	3.83	584	7-72		44	879	-.05	24	56
22-10-0034	6732881	1347940	12-66	4	305	18,437	3.75	692	30	16,105	3.86	622	2-73		44	766	.00	27	54
22-10-0034	7426842	1347940	6-69	2	305	18,200	4.01	729	23	15,940	3.90	622	4-73		40	724	.03	30	55
22-10-0039	6958863	1347940	7-67	3	300	16,580	4.07	674	18	14,460	3.93	568	4-72		42	692	.03	30	53
22-10-0039	7471248	1347940	9-68	3	305	17,750	3.76	667	19	13,940	3.87	539	2-73		42	875	.00	31	62
22-10-0039	7471251	1347940	5-69	2	305	17,725	3.45	612	17	14,280	3.88	554	11-72		40	811	-.03	24	53
22-10-0057	6412785	1347940	9-65	5	304	17,966	3.42	614	72	14,700	3.85	566	2-73		44	859	-.05	23	54
22-10-0057	6470435	1347940	12-65	5	304	20,040	3.49	699	46	15,334	3.83	588	4-73		44	1,061	-.04	32	70
22-10-0057	6622357	1347940	7-66	5	301	19,438	3.42	665	81	14,902	3.84	572	1-73		44	1,028	-.05	29	66
22-10-0057	6622358	1347940	8-66	5	304	17,634	3.79	668	100	14,462	3.83	554	11-72		44	841	.00	31	60

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T D	C REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
22-10-0057	6641036	1347940	7-66	4	305	17,465	3.79	662	89	14,860	3.81	566	10-72		44	769	.01	29	$ 56
22-10-0057	6671069	1347940	11-66	3	305	19,303	3.49	674	96	14,520	3.85	559	11-71		42	1,000	-.04	30	66
22-10-0057	6699519	1347940	11-66	3	305	18,096	3.35	607	101	14,120	3.82	540	8-71		42	898	-.05	24	57
22-10-0057	6884475	1347940	8-67	4	301	19,990	3.50	699	74	15,395	3.81	587	12-72		44	1,028	-.03	32	69
22-10-0057	6884476	1347940	8-67	4	302	18,430	3.78	697	100	14,785	3.81	563	11-72		44	896	.01	34	65
22-10-0057	6884480	1347940	10-67	3	305	20,616	3.77	777	81	15,653	3.76	588	9-72		42	1,047	.01	40	76
22-10-0057	6933137	1347940	11-67	2	305	18,815	3.62	682	80	15,165	3.78	573	4-72		40	849	-.01	29	59
22-10-0057	7209027	1347940	12-68	2	305	17,305	3.72	643	118	15,250	3.71	566	9-72		40	689	.01	26	50
22-10-0057	7301327	1347940	2-69	2	303	20,270	3.29	667	77	15,450	3.70	572	5-72		40	974	-.05	28	63
22-10-0057	7357834	1347940	7-69	2	305	18,180	3.60	654	122	15,090	3.73	563	9-72		40	791	-.01	27	55
22-10-0057	7399944	1516470	9-69	2	305	22,690	3.99	906	115	15,980	3.77	603	11-72		29	982	.04	42	75
22-10-0057	7399958	1347940	9-69	1	305	20,760	3.32	689	68	15,940	3.67	585	5-72		36	877	-.03	27	58
22-10-0057	7399959	1347940	9-69	1	305	21,910	3.65	799	80	15,780	3.86	609	11-71		36	972	-.01	34	68
22-10-0057	7399961	1347940	10-69	2	297	20,040	3.53	708	118	15,260	3.75	573	10-72		40	966	-.02	32	66
22-10-0057	7466925	1347940	9-69	2	305	18,180	3.57	649	113	15,205	3.74	568	10-72		40	782	-.01	26	54
22-10-0057	7466927	1347940	11-69	1	305	20,990	3.79	795	68	15,940	3.67	585	5-72		36	894	.02	35	66
22-10-0057	7471915	1347940	12-69	1	305	22,180	3.15	698	100	15,520	3.65	566	6-72		36	1,007	-.05	29	65
22-10-0057	7589983	1406271	6-70	1	305	19,240	3.48	669	159	15,830	3.68	582	9-72		36	670	.02	27	50
22-10-0057	7589990	1347940	6-70	1	305	18,890	4.22	798	120	15,640	3.64	569	7-72		36	755	.06	36	61
22-10-0057	7666506	1347940	7-70	1	305	19,450	3.67	714	132	15,540	3.65	567	8-72		36	803	.01	30	58
22-10-0057	7666507	1347940	8-70	1	305	18,250	3.65	667	127	15,510	3.66	568	9-72		36	715	.00	26	51
22-10-0057	7666508	1347940	8-70	1	305	19,090	3.42	652	120	15,640	3.64	569	7-72		36	770	-.02	25	52
22-10-0062	7119182	1347940	3-68	2	301	20,295	3.48	706	60	15,625	3.55	554	9-72		40	962	-.01	33	67
22-10-0062	7414470	1427615	8-69	1	305	25,700	3.37	865	42	15,820	3.51	556	6-72		36	1,221	-.11	26	71
22-10-0063	7128445	1347940	5-68	3	280	15,903	3.40	541	21	12,306	3.95	486	12-72		42	813	-.05	22	51
22-10-0070	6894141	1347940	8-67	3	305	19,180	3.67	703	18	16,960	3.76	637	5-72		42	761	-.01	26	53
22-10-0070	7056419	1347940	3-68	3	305	19,793	3.60	713	26	16,050	3.79	608	1-73		42	916	-.02	30	62
22-10-0070	7496516	1504414	10-69	1	305	20,060	4.09	821	31	16,000	3.80	608	6-72		34	564	.10	35	52
22-10-0081	6585580	1347940	4-66	5	290	21,166	3.47	735	11	17,550	3.64	639	1-73		44	978	-.03	31	66
22-10-0081	6767008	1347940	2-67	4	282	18,420	3.86	711	8	16,740	3.73	625	3-73		44	702	.02	29	53
22-10-0109	7571292	1347940	12-68	2	305	23,575	3.60	849	8	16,935	3.53	597	12-72		40	1,189	.01	44	85
22-10-0120	6368328	1347940	5-65	6	305	19,656	3.78	743	47	15,863	3.79	601	2-73		44	957	.01	36	69
22-10-0120	6368329	1347940	6-65	6	304	18,518	3.70	685	50	15,313	3.78	579	1-73		44	867	.00	31	61
22-10-0120	6411565	1347940	11-65	5	271	18,512	3.80	703	42	15,734	3.70	582	12-71	H	44	823	.02	33	61
22-10-0120	6492669	1347940	2-66	4	305	20,795	3.45	718	49	15,205	3.84	584	11-71		44	1,147	-.05	34	75
22-10-0120	6509870	1347940	11-65	4	305	18,812	3.58	673	41	16,047	3.76	604	2-72		44	818	-.02	27	56
22-10-0120	6521273	1347940	2-66	5	304	20,544	3.59	737	50	15,252	3.82	582	11-72		44	1,135	-.02	37	77
22-10-0120	6521276	1347940	4-66	5	305	18,350	3.71	681	51	15,392	3.82	588	12-72		44	837	.00	30	59
22-10-0120	6659002	1347940	6-66	4	305	20,597	3.63	748	44	16,037	3.78	607	10-72		44	1,040	-.01	36	72
22-10-0120	6659003	1347940	6-66	4	305	22,905	3.39	776	44	15,787	3.74	590	6-72		44	1,350	-.05	41	89
22-10-0120	6698714	1347940	8-66	4	277	19,562	3.73	730	40	15,125	3.80	575	5-72		44	1,002	.01	37	72
22-10-0120	6841194	1469311	2-67	3	305	19,663	3.96	778	62	15,576	3.79	591	11-71		42	595	.07	32	51
22-10-0120	6914727	1347940	9-67	3	305	22,140	3.58	793	41	15,603	3.73	582	9-72		42	1,227	-.01	42	85
22-10-0120	6914728	1347940	9-67	3	305	19,536	3.57	697	40	15,853	3.70	587	6-72		42	904	-.02	30	62
22-10-0120	6914730	1347940	10-67	3	305	18,053	3.95	713	46	15,683	3.69	579	7-72		42	749	.04	33	58
22-10-0120	6969086	1347940	11-67	3	305	18,656	3.49	652	49	15,856	3.75	594	11-72		42	803	-.03	25	54
22-10-0120	7317198	1347940	7-68	3	294	17,906	3.53	632	50	15,260	3.81	581	10-72		42	771	-.03	23	51
22-10-0120	7317199	1347940	10-68	2	305	18,110	3.65	661	48	15,310	3.72	570	10-72		40	766	.00	28	55
22-10-0120	7367398	1347940	7-69	2	297	17,675	3.67	649	49	15,475	3.79	586	10-72		40	708	.00	25	50
22-10-0120	7367399	1347940	8-69	2	305	18,940	3.54	671	51	16,145	3.78	610	12-72		40	782	-.02	25	53
22-10-0120	7367401	1320310	6-69	2	305	17,865	3.48	621	65	15,495	3.69	572	6-72		40	807	-.06	20	50
22-10-0120	7367404	1355784	6-69	2	305	20,300	3.06	621	68	15,395	3.69	568	7-72		40	969	-.14	13	50
22-10-0120	7596049	1347940	2-70	1	305	17,890	3.55	635	47	14,420	3.78	545	6-72		36	753	-.01	25	52
22-10-0120	7596052	1347940	6-70	1	305	20,580	3.28	674	46	14,510	3.82	554	10-72		36	948	-.04	28	62
22-10-0120	7743197	1347940	7-70	1	305	17,170	3.55	609	56	13,810	3.83	529	8-72		36	736	-.02	24	50
22-10-0120	7743200	1347940	8-70	1	305	19,380	3.52	683	38	16,730	3.69	618	2-73		36	727	-.01	25	51
22-10-0127	7105586	1347940	9-66	4	278	18,052	3.69	667	17	15,952	3.68	587	2-73		44	734	.01	28	53
22-10-0127	7244890	1347940	2-69	2	305	20,795	3.90	812	24	17,300	3.71	642	4-72		40	877	.04	37	67
22-10-0127	7333851	1347940	6-69	2	305	19,875	3.73	741	27	17,750	3.66	650	3-73		40	747	.01	29	55
22-10-0127	7434849	1427615	7-69	2	305	22,235	3.25	722	42	17,115	3.69	631	10-72		40	1,010	-.14	14	53
22-10-0127	7434853	1347940	9-69	1	305	25,300	3.41	863	24	18,000	3.68	662	1-72		36	1,092	-.03	35	74
22-10-0127	7656552	1347940	3-70	1	305	19,900	3.77	750	30	16,670	3.82	636	7-72		36	769	.00	28	55
22-10-0127	7713072	1347940	5-70	1	305	22,460	3.71	834	30	16,670	3.82	636	7-72		36	960	.00	35	68
22-10-0127	7713080	1347940	11-70	1	305	23,820	3.33	794	15	18,730	3.74	700	2-73		36	938	-.04	28	62
22-10-0139	6739745	1347940	9-66	4	298	16,745	3.80	636	24	12,392	3.70	459	9-72		44	924	.02	37	69
22-10-0139	6741603	1347940	6-66	5	300	17,036	3.41	581	21	12,906	3.72	480	9-72		44	924	-.03	28	61
22-10-0139	7345913	1347940	7-67	3	304	16,150	3.89	628	21	13,110	3.75	491	2-72		42	767	.02	31	57
22-10-0150	5585531	1189870	3-62	8	305	17,705	4.05	717	25	14,365	3.73	536	8-72		44	580	.07	31	50
22-10-0150	6601598	1347940	4-66	4	303	19,337	3.66	708	36	14,355	3.72	534	2-72		44	1,050	.00	38	75
22-10-0155	7141787	1347940	8-67	4	305	18,147	3.68	668	10	14,677	3.65	535	1-73		44	872	.01	33	63
22-10-0165	6724573	1347940	11-66	3	305	16,010	4.21	674	20	13,166	3.88	511	11-72		42	746	.05	35	60
22-10-0165	6724575	1347940	11-66	4	302	16,002	4.09	654	38	13,140	3.89	511	10-72		44	759	.04	34	59
22-10-0165	6914731	1347940	11-67	2	305	19,625	3.49	685	22	13,850	3.81	528	2-72		40	1,038	-.03	33	70
22-10-0165	7296492	1347940	5-67	4	305	19,830	3.86	766	33	13,435	3.87	520	12-72		44	1,202	.02	47	88
22-10-0165	7303781	1347940	12-68	2	305	19,695	3.59	707	24	13,120	3.93	516	7-72		40	1,105	-.02	37	76
22-10-0165	7311708	1347940	1-69	3	294	16,803	3.58	601	26	13,656	3.85	526	12-72		42	792	-.02	25	53
22-10-0165	7361740	1347940	5-69	2	296	16,800	3.70	621	35	12,455	3.89	484	10-72		40	865	-.01	30	60
22-10-0165	7361741	1347940	5-69	2	305	19,825	3.48	689	33	12,590	3.88	488	11-72		40	1,161	-.03	37	78
22-10-0165	7434735	1347940	8-69	2	304	20,100	3.62	728	31	13,420	3.81	511	1-73		40	1,121	-.01	39	78
22-10-0165	7921985	1347940	7-69	2	301	16,115	3.59	579	39	13,135	3.88	509	11-72		40	740	-.02	24	50
22-10-0165	7629684	1347940	10-69	1	305	22,130	3.70	818	19	14,720	3.84	565	2-72		36	1,051	.00	38	75
22-10-0165	7629687	1347940	6-70	1	305	18,830	3.86	726	29	11,980	3.99	478	8-72		36	969	.01	36	70
22-10-0165	7913759	1347940	12-69	1	305	17,660	3.37	596	13	13,280	3.78	502	6-72		36	804	-.03	25	54
22-10-0165	7913763	1347940	8-70	1	305	15,980	3.77	603	41	12,310	3.94	485	11-72		36	737	.00	27	53
22-10-0174	6803908	1478999	1-67	4	269	20,838	3.70	772	15	16,638	3.55	591	10-72	B	35	699	.04	32	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
22-10-0185	6845588	1347940	4-67	3	305	16,696	3.92	654	21	14,250	3.70	527	5-72		42	725	.03	31	$ 55
22-10-0185	6859339	1347940	8-67	4	304	17,597	3.44	605	26	13,787	3.71	511	10-72		44	892	-.03	28	60
22-10-0185	7100932	1347940	3-68	2	299	18,635	3.25	605	25	14,715	3.72	548	12-71		40	868	-.05	24	55
22-10-0185	7242560	1347940	2-69	2	305	17,950	3.71	666	19	14,545	3.73	542	4-72		40	812	.01	30	58
22-10-0185	7471085	1347940	1-70	1	305	18,450	3.20	590	20	14,650	3.63	532	3-72		36	781	-.03	23	51
22-10-0185	7497878	1347940	10-69	1	305	22,520	3.03	683	23	15,120	3.64	551	1-72		36	1,057	-.06	29	67
22-10-0187	6663476	1308101	10-66	4	305	20,695	3.30	683	24	14,865	3.68	547	7-72		44	1,270	-.07	34	80
22-10-0187	7496008	1427381	9-69	1	305	17,570	3.81	669	42	15,270	3.87	591	9-72		36	891	.04	39	69
22-10-0187	7496010	1347940	11-69	1	305	19,160	3.90	748	38	15,300	3.86	591	9-72		36	795	.02	31	58
22-10-0190	7160822	1347940	8-66	4	305	18,157	3.85	699	16	15,530	3.66	568	9-72		44	789	.04	34	61
22-10-0212	7238403	1347940	11-68	2	305	17,735	4.04	717	24	12,765	3.67	468	11-72		40	935	.05	42	73
22-10-0213	6853851	1347940	2-67	4	305	19,372	4.34	840	34	15,315	3.77	577	12-72		44	960	.10	50	81
22-10-0213	7160828	1347940	7-67	3	305	19,360	4.06	786	38	15,960	3.73	595	5-72		42	874	.06	40	69
22-10-0213	7160830	1347940	10-67	2	305	17,165	3.85	660	37	14,850	3.71	551	9-72		40	707	.02	29	53
22-10-0213	7160831	1347940	10-67	4	305	19,045	3.70	704	32	15,630	3.77	589	2-73		44	888	.00	32	63
22-10-0213	7160832	1347940	10-67	4	298	17,892	3.83	685	38	15,277	3.76	574	11-72		44	781	.02	31	58
22-10-0213	7160834	1347940	12-67	3	305	20,230	4.10	830	35	15,590	3.81	594	3-73		42	1,008	.06	45	79
22-10-0213	7160835	1347940	1-68	2	305	19,070	3.77	719	38	16,345	3.75	613	8-71		40	779	.01	30	57
22-10-0213	7229381	1347940	9-67	3	305	21,003	3.50	735	40	14,726	3.75	552	8-72		42	1,177	-.03	38	80
22-10-0213	7229383	1347940	6-68	2	305	18,885	3.79	716	33	14,915	3.71	554	3-72		40	877	.02	34	64
22-10-0213	7229387	1347940	8-68	2	305	16,815	3.92	659	35	14,975	3.71	556	9-72		40	662	.03	28	50
22-10-0213	7229388	1347940	10-68	2	305	18,825	3.65	688	34	15,015	3.72	559	5-72		40	862	.00	31	61
22-10-0213	7229389	1347940	11-68	2	305	19,125	3.60	689	37	14,850	3.71	551	9-72		40	906	.00	32	64
22-10-0213	7229391	1347940	12-68	1	305	17,150	3.73	640	39	14,060	3.77	530	9-71		36	720	.01	27	52
22-10-0213	7230220	1347940	2-67	3	305	18,096	3.82	691	37	15,280	3.76	574	6-72		42	791	.02	31	58
22-10-0213	7263015	1347940	1-69	2	305	18,470	3.56	658	37	14,810	3.72	551	8-72		40	843	-.01	29	59
22-10-0213	7264734	1347940	11-68	2	305	18,125	3.97	719	28	16,165	3.82	617	2-73		40	698	.03	30	54
22-10-0213	7321595	1347940	12-68	2	305	17,350	4.02	697	30	15,210	3.71	565	10-72		40	697	.05	32	55
22-10-0213	7535616	1347940	12-69	1	305	18,020	3.73	673	9	14,190	3.88	550	4-73		36	777	.00	28	55
22-10-0213	7569997	1347940	11-69	1	305	16,310	4.13	674	32	13,860	3.82	529	11-72		36	669	.03	29	52
22-10-0221	6347031	1242221	8-65	5	302	18,518	3.56	660	22	14,952	3.77	563	7-72		43	1,059	-.02	35	72
22-10-0222	7000312	1347940	9-67	4	305	19,287	3.96	764	17	16,067	3.85	619	2-73		44	875	.04	37	67
22-10-0222	7227932	1504414	7-68	2	305	20,235	3.51	711	18	15,095	3.79	572	11-72		38	762	.02	31	57
22-10-0222	7227933	1501812	5-68	3	305	19,966	3.95	788	24	15,623	3.80	593	11-72		40	740	-.02	24	50
22-10-0222	7308911	1347940	3-69	2	305	18,030	3.64	656	16	15,325	3.76	576	11-72		40	757	-.01	26	53
22-10-0223	6460175	1347940	8-65	6	301	18,401	3.66	673	11	14,635	3.68	538	4-73		44	922	.01	34	66
22-10-0223	6697059	1347940	8-66	4	296	16,360	4.07	666	10	14,165	3.73	529	6-72		44	702	.05	33	56
22-10-0223	6933046	1347940	8-67	4	304	17,212	3.70	637	12	13,957	3.76	525	7-72		44	827	.00	30	59
22-10-0223	7025633	1471956	10-67	3	303	20,846	3.68	768	16	15,013	3.74	561	2-72		41	1,010	-.01	35	70
22-10-0223	7322900	1347940	6-68	3	297	17,390	3.77	655	19	14,893	3.81	567	10-72		42	746	.00	27	53
22-10-0225	6024343	1055021	8-63	7	305	25,461	3.42	872	43	18,580	3.63	674	7-72		41	1,275	-.07	35	81
22-10-0225	6273828	1298197	10-64	5	305	23,136	3.62	838	23	17,884	3.59	642	7-72		44	977	-.03	31	66
22-10-0225	6460176	1347940	9-65	6	295	19,378	3.45	668	22	16,330	3.67	600	1-73		44	873	-.03	27	58
22-10-0225	6678456	1441440	8-66	3	241	21,503	3.65	784	31	17,540	3.57	626	5-72		42	819	.04	35	63
22-10-0225	6722830	1458744	9-66	4	303	20,072	3.80	763	20	18,147	3.68	667	2-72		44	702	.02	28	52
22-10-0225	6874918	1347940	9-66	4	245	20,402	3.76	767	25	18,222	3.56	648	12-72	B	44	800	.03	34	61
22-10-0225	6914396	1347940	9-67	3	305	21,976	3.77	829	21	17,663	3.73	658	2-72		42	1,018	.02	39	74
22-10-0225	6914398	1347940	10-67	3	305	22,240	3.70	822	22	17,640	3.71	655	1-72		42	1,051	.01	39	75
22-10-0225	6947773	1347940	8-67	2	303	21,675	3.49	756	31	17,875	3.53	631	8-72		40	920	-.01	32	64
22-10-0225	6962047	1444415	9-67	2	305	26,750	3.37	901	28	17,570	3.82	672	9-71		39	1,024	-.11	20	58
22-10-0225	7050856	1347940	11-67	2	305	22,790	3.65	831	18	17,925	3.64	653	3-72		40	1,029	.01	38	74
22-10-0225	7159050	1396885	8-68	2	305	27,275	3.35	914	30	18,780	3.56	668	9-72		40	910	-.03	28	60
22-10-0225	7223261	1347940	10-68	2	305	19,705	3.70	729	67	17,050	3.72	634	7-72		40	787	.00	29	56
22-10-0225	7917123	1458744	12-69	2	305	23,105	3.79	875	30	18,805	3.59	676	2-73		40	921	.02	37	68
22-17-0082	5597409	1189870	1-62	8	305	20,530	4.01	823	12	15,786	4.11	649	6-72		44	797	.03	33	60
22-17-0082	5708246	1189870	9-62	8	300	18,678	4.27	797	14	15,540	4.07	632	1-73		44	584	.07	31	50
22-17-0082	7423096	010275932	3-69	2	305	22,945	3.54	812	20	15,020	4.04	607	5-72		40	926	-.02	30	63
22-17-0093	6271386	010260599	1-63	5	305	20,162	3.36	677	14	14,282	3.72	532	4-72		44	933	-.09	19	54
22-17-0093	7423474	1489981	3-69	2	305	19,540	3.23	632	16	14,100	3.80	536	6-72		40	676	.02	28	51
22-17-0109	7020979	1458744	1-68	3	305	16,900	4.01	677	20	14,803	3.53	523	10-72		42	632	.05	31	52
22-17-0109	7572696	1427381	1-70	2	305	16,820	3.59	603	16	14,150	3.65	516	4-73		40	929	.03	38	70
22-17-0116	6531937	1347940	2-66	5	304	18,170	3.54	643	34	15,212	3.60	547	12-72		44	833	-.01	29	58
22-17-0116	6573182	1347940	1-66	5	305	18,892	3.95	747	27	15,990	3.58	572	3-73		44	845	.06	40	68
22-17-0116	6927286	1379208	7-67	4	305	19,818	3.73	740	47	15,650	3.65	571	11-72		43	807	.03	33	60
22-17-0116	7277942	1379208	3-69	2	305	21,820	3.79	828	32	15,285	3.62	554	7-72		40	958	.04	40	72
22-17-0116	7472590	1347940	10-69	1	305	19,560	3.21	627	26	14,970	3.65	547	8-72		36	845	-.03	25	55
22-17-0116	7945693	1347940	2-70	1	301	17,690	3.59	635	28	14,700	3.63	534	6-72		36	722	.00	26	51
22-17-0124	7305928	1347940	3-69	2	305	20,885	3.70	772	16	13,375	3.60	482	9-72		40	1,205	.02	46	88
22-17-0149	6183863	1413711	11-64	6	305	19,952	3.27	652	37	14,850	3.62	538	11-72		44	945	-.08	21	56
22-17-0149	7471282	1347940	9-69	1	305	19,710	3.27	644	43	13,680	3.61	494	8-72		36	933	-.03	29	62
22-17-0149	7476180	1599824	10-69	2	305	19,565	3.13	613	58	14,375	3.54	509	2-73		40	837	-.03	25	55
22-17-0151	6765552	1347940	2-67	4	305	18,625	3.69	688	32	15,695	3.70	581	12-72		44	830	.01	31	60
22-17-0160	6104025	1167632	2-64	6	305	17,822	3.52	627	16	14,088	3.49	492	2-72		44	771	-.02	25	52
22-17-0163	7058734	1347940	11-67	4	281	15,867	3.91	620	25	13,952	3.82	533	9-72		44	662	.02	27	50
22-17-0163	7513888	1347940	7-69	2	305	19,335	3.79	732	25	13,550	3.71	503	10-72		40	1,033	.02	40	76
22-17-0205	6777389	1347940	7-66	5	302	16,734	3.87	648	15	13,988	3.75	525	11-72		44	774	.03	32	58
22-17-0205	6813136	1347940	1-67	4	305	16,482	3.68	606	19	13,910	3.68	512	12-72		44	742	.01	28	54
22-17-0210	6926486	1347940	10-66	5	294	20,782	4.00	831	5	17,314	3.84	665	3-73		44	953	.04	41	73
22-17-0220	7226098	1347940	12-68	2	299	15,940	3.53	563	30	12,190	3.68	449	12-72		40	799	-.01	27	55
22-17-0222	7590134	1347940	1-70	1	299	16,410	4.20	690	16	14,440	3.73	538	9-72		36	642	.05	30	51
22-17-0224	6899050	1347940	4-67	3	299	20,153	3.71	747	12	16,643	3.70	615	11-71		42	902	.01	34	65
22-17-0224	7509263	1347940	8-68	3	236	20,263	3.21	651	9	17,016	3.70	629	12-72	B	42	881	-.07	21	53
22-17-0227	6725987	1347940	12-66	4	296	18,957	3.17	600	6	15,687	3.23	507	4-72		44	872	-.03	27	58
22-17-0227	7279389	1347940	9-68	2	305	20,575	3.15	649	18	17,335	3.29	571	1-72		40	852	-.03	26	56
22-17-0236	6489674	1347940	12-65	4	296	17,645	3.77	665	12	14,752	3.66	540	1-73	B	44	802	.02	32	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
22-17-0236	7337445	1347940	9-68	2	305	16,260	3.78	614	10	13,810	3.49	482	5-72		40	700	.03	30	$ 54
22-17-0237	6119955	1413711	5-64	4	280	21,418	3.64	780	16	16,068	3.64	585	4-72		43	979	-.02	32	67
22-17-0243	6881942	1347940	5-67	3	297	16,903	3.98	672	20	14,240	3.69	525	11-72		42	750	.04	33	58
22-25-0005	6375726	1347940	8-65	6	296	18,010	3.85	693	49	16,186	3.84	621	1-73		44	711	.02	28	52
22-25-0005	6613999	1347940	4-66	4	305	19,217	3.55	683	64	16,042	3.87	621	9-72		44	869	-.03	26	57
22-25-0005	6614000	1347940	7-66	4	301	18,547	3.73	691	60	15,782	3.88	613	7-72		44	812	-.01	28	56
22-25-0005	6632427	1347940	2-66	5	295	18,574	3.61	671	54	15,794	3.86	609	11-72		44	825	-.02	26	55
22-25-0005	6735733	1347940	8-66	4	305	19,317	3.89	752	48	16,000	3.84	615	12-71		44	885	.03	36	66
22-25-0005	6891285	1347940	11-66	3	305	17,260	3.99	688	64	15,536	3.90	606	9-71		42	672	.03	28	51
22-25-0005	6932599	1347940	7-67	4	289	18,400	3.66	674	61	15,877	3.86	613	10-72		44	784	-.01	26	54
22-25-0005	7321428	1347940	1-69	3	298	19,710	3.70	729	48	16,510	3.88	640	12-72		42	864	-.01	29	59
22-25-0005	7342605	1347940	4-69	2	305	20,230	4.29	867	73	16,105	3.90	628	12-72		40	917	.07	44	74
22-25-0005	7666893	1347940	1-70	1	305	19,870	3.81	757	66	16,230	3.94	640	6-72		36	793	.00	29	57
22-25-0008	6760662	1347940	1-67	4	305	18,965	3.57	677	14	15,245	3.78	576	4-72		44	917	-.02	30	62
22-25-0008	6760664	1347940	1-67	3	305	22,680	3.44	780	18	15,116	3.80	575	1-72		42	1,333	-.04	41	89
22-25-0008	7327214	1347940	7-67	3	302	16,583	3.96	656	24	14,720	3.82	563	8-71		42	669	.03	28	51
22-25-0008	7327215	1347940	10-67	3	302	17,023	3.64	619	23	14,333	3.77	541	11-72		42	755	-.01	26	52
22-25-0019	6607841	1261857	5-66	5	296	16,998	3.81	647	24	14,644	3.69	540	5-72		44	599	.08	33	52
22-25-0019	6732663	1347940	8-66	5	304	19,374	3.67	711	43	14,924	3.63	541	1-73		44	1,018	.01	38	73
22-25-0019	7326665	1387978	5-68	3	305	19,853	3.12	619	57	15,577	3.72	580	8-72		42	895	-.08	19	52
22-25-0019	7464635	1501206	2-68	3	305	19,757	3.70	731	47	15,783	3.66	578	10-72		31	678	.02	28	51
22-25-0019	7524845	1347940	10-69	2	305	20,545	3.66	751	63	16,430	3.64	598	10-72		40	922	.01	34	66
22-25-0019	7524846	1347940	10-69	2	305	20,440	3.27	668	63	16,430	3.64	598	10-72		40	912	-.04	26	59
22-25-0022	6513780	1206797	2-66	5	300	21,882	3.84	841	29	17,962	3.59	645	3-72		44	746	.05	34	59
22-25-0022	6681875	1347940	10-66	5	300	18,642	3.30	616	38	16,100	3.65	587	10-72		44	802	-.05	21	50
22-25-0022	6803870	1347940	4-67	3	303	22,423	3.52	789	34	17,033	3.63	619	1-72		42	1,128	-.02	38	78
22-25-0022	6803873	1475888	3-67	4	305	20,378	3.66	745	45	16,335	3.51	574	10-72		35	718	.01	27	52
22-25-0022	6988227	1495162	10-67	3	305	23,940	3.28	786	39	17,470	3.51	614	3-72		32	935	-.05	26	60
22-25-0022	6988237	1347940	1-68	3	296	19,790	3.14	621	35	16,596	3.48	577	8-72		42	865	-.05	23	54
22-25-0022	7131295	1347940	8-68	2	305	19,455	3.53	687	34	16,450	3.47	571	4-72		40	810	.01	30	58
22-25-0022	7218906	1347940	11-68	3	296	21,006	3.48	731	38	16,590	3.65	606	12-72		42	1,005	-.02	33	69
22-25-0022	7218907	1347940	11-68	3	298	18,306	3.68	673	38	16,190	3.64	590	10-72		42	732	.00	27	52
22-25-0022	7363600	1347940	10-68	3	296	19,073	3.25	620	42	15,326	3.60	551	8-72		42	899	-.05	25	57
22-25-0022	7363601	1347940	4-69	2	305	21,595	3.04	656	31	16,130	3.55	573	7-72		40	1,053	-.07	27	65
22-25-0022	7457859	1347940	8-69	2	301	19,225	3.69	709	48	15,395	3.66	563	9-72		40	872	.01	33	63
22-25-0022	7457864	1347940	12-69	2	305	18,450	3.65	673	38	15,780	3.67	579	11-72		40	762	.00	28	54
22-25-0022	7645227	1347940	5-70	1	282	18,990	3.40	645	35	16,020	3.36	539	6-72		36	740	.00	26	52
22-25-0041	5181507	1351411	9-60	9	304	19,903	3.68	732	19	16,531	3.66	605	5-72		36	871	-.02	28	59
22-25-0041	5826296	1413711	1-63	6	302	23,952	3.13	749	22	17,727	3.47	616	3-73		44	1,167	-.10	26	69
22-25-0041	6759096	1351411	12-66	4	305	23,230	3.15	731	22	18,177	3.44	626	1-73		35	1,140	-.10	25	67
22-25-0041	7078749	1347940	4-68	3	305	22,696	3.00	680	20	17,900	3.45	618	8-72		42	1,079	-.08	26	66
22-25-0041	7078750	1347940	5-68	2	305	22,065	3.51	775	16	17,740	3.62	643	4-72		40	970	-.01	33	67
22-25-0052	6748447	1377954	1-67	4	305	17,668	3.63	641	22	14,613	3.72	544	1-73		44	701	.01	26	50
22-25-0052	7434318	1501630	11-69	2	305	19,210	3.73	716	21	14,370	3.58	515	4-73		32	692	.03	29	52
22-25-0060	5955842	1214152	10-63	5	305	21,774	3.94	857	33	17,000	3.62	615	3-72		44	659	.05	31	53
22-25-0060	6988298	1471956	12-67	4	294	20,310	3.59	730	24	17,230	3.72	641	1-73		42	767	-.02	24	51
22-25-0060	6988299	1471956	12-67	4	299	21,110	3.42	722	29	17,025	3.71	632	12-72		42	888	-.05	24	56
22-25-0084	7160067	1347940	7-68	2	305	18,015	3.34	602	36	12,825	3.59	460	11-71		40	958	-.03	30	64
22-25-0084	7390420	1347940	6-69	2	305	15,905	3.60	572	28	12,905	3.53	456	2-73		40	737	.01	28	53
22-25-0084	7559939	1347940	3-70	1	305	18,060	3.57	644	26	12,940	3.50	453	7-72		36	854	.01	32	62
22-25-0086	6693337	1347940	8-66	3	305	21,316	3.71	790	43	16,346	3.76	614	9-71		42	1,063	.00	39	76
22-25-0086	6725095	1347940	10-66	4	302	19,642	3.93	771	49	16,862	3.71	625	9-72		44	840	.04	37	65
22-25-0086	6778605	1379208	3-67	4	301	20,798	3.36	698	51	16,543	3.72	615	9-72		43	840	-.05	23	53
22-25-0086	6859736	1347940	7-67	3	305	22,010	3.54	780	44	16,510	3.74	617	3-72		42	1,128	-.02	37	77
22-25-0086	6951044	1347940	11-67	3	285	18,546	3.91	725	38	16,233	3.79	615	11-71		42	755	.03	31	57
22-25-0086	7476992	1347940	8-69	2	304	18,605	3.45	641	55	15,465	3.62	560	2-73		40	804	-.02	26	54
22-25-0096	7506280	1347940	9-69	2	294	21,445	3.43	736	20	17,995	3.77	679	12-72		40	886	-.04	26	58
22-25-0098	6533987	1347940	6-65	6	301	16,571	3.71	614	47	14,670	3.66	537	10-72		44	682	.01	26	50
22-25-0098	6997065	1347940	7-67	3	305	20,590	3.30	679	31	16,106	3.75	604	6-72		42	1,002	-.06	27	63
22-25-0098	7210447	1347940	7-68	2	305	21,600	3.14	678	33	17,360	3.62	629	1-72		40	954	-.07	24	59
22-25-0098	7535245	1493686	12-69	1	295	17,230	4.24	731	40	15,100	3.72	562	7-72		36	565	.08	32	50
22-25-0098	7692165	1347940	8-70	1	305	20,250	3.51	711	47	16,670	3.68	613	11-72		36	795	-.01	27	55
22-25-0098	7795163	1427381	10-70	1	305	18,940	4.25	805	32	17,430	3.61	630	1-73		36	865	.10	46	74
22-25-0098	7795164	1427381	10-70	1	305	19,190	3.43	659	50	16,730	3.68	616	11-72		36	925	.02	36	68
22-25-0098	7844704	1450228	1-71	1	305	22,830	3.03	692	34	17,420	3.65	636	1-73		36	950	-.08	21	56
22-25-0098	7906904	1427381	11-70	1	298	18,900	3.62	685	50	16,730	3.68	616	11-72		36	903	.04	38	69
22-25-0104	6731357	1347940	3-66	3	305	19,930	3.44	686	7	11,436	3.73	427	1-73		42	1,356	-.03	44	92
22-25-0116	7670198	1493686	5-70	1	305	20,190	3.22	650	24	14,470	3.74	541	11-72		36	823	-.02	27	56
22-25-0120	6766881	1347940	11-66	3	305	20,500	3.75	768	27	15,643	3.74	585	2-72		42	1,034	.01	39	75
22-25-0120	6766882	1347940	11-66	4	305	18,892	3.60	680	19	15,390	3.80	585	6-72		44	893	-.01	30	61
22-25-0120	6766883	1347940	11-66	4	296	19,685	3.65	719	20	15,285	3.73	570	3-73		44	1,002	.00	36	71
22-25-0120	6766885	1347940	1-67	3	305	19,873	3.75	745	23	15,410	3.74	577	11-72		42	984	.01	37	71
22-25-0120	6913535	1347940	6-67	3	305	19,200	3.71	713	24	15,420	3.77	581	5-72		42	905	.00	33	64
22-25-0120	7188382	1347940	10-68	2	305	19,575	3.89	762	21	15,250	3.74	570	4-72		40	920	.03	38	69
22-25-0120	7215837	1347940	9-68	3	305	18,100	3.51	636	23	15,553	3.68	572	12-72		42	767	-.02	25	52
22-25-0130	4494857	1167632	11-57	13	299	16,800	3.24	545	32	12,024	3.83	460	8-72		44	853	-.08	18	50
22-25-0130	6870180	1347940	10-66	4	298	17,807	3.59	639	32	14,142	3.71	525	1-73		44	883	-.01	30	61
22-25-0130	6993167	1347940	12-67	3	303	16,810	3.50	589	31	13,836	3.67	508	6-72		42	776	-.02	25	53
22-25-0131	6563224	1347940	4-66	5	303	18,406	3.44	633	18	14,734	3.76	554	10-72		44	912	-.04	27	60
22-25-0131	6751237	1347940	2-67	4	304	18,782	3.52	661	18	16,147	3.73	603	8-72		44	805	-.02	26	55
22-25-0131	6837949	1347940	6-67	3	303	18,216	3.59	654	16	14,920	3.85	575	12-71		42	838	-.02	27	57
22-25-0132	6788391	1347940	4-67	3	304	17,950	3.51	630	17	14,870	3.56	530	6-72		42	812	-.01	28	56
22-25-0132	7022419	1347940	7-67	4	301	17,800	3.63	646	14	13,955	3.71	518	3-73		44	900	.00	32	63
22-25-0135	6756275	1347940	12-66	3	305	16,200	4.10	665	30	13,420	3.82	513	10-72		42	744	.05	34	59
22-25-0135	6955359	1347940	12-67	3	305	16,900	4.05	685	25	13,136	3.83	503	8-72		42	851	.04	37	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
22-25-0135	7384281	1347940	8-68	2	305	15,830	4.32	684	20	13,985	3.88	543	12-71		40	642	.06	32	$ 53
22-25-0144	6492372	1347940	9-65	4	285	18,292	3.82	698	26	15,730	3.70	582	2-72		44	786	.02	32	59
22-26-0007	6749727	1347940	3-67	3	305	15,983	4.04	645	32	14,016	3.94	552	7-72		42	665	.03	28	51
22-26-0007	6794107	1347940	2-67	4	302	16,530	3.93	650	27	14,587	3.87	565	4-72		44	681	.02	28	51
22-26-0007	6892408	1347940	4-67	3	305	19,206	4.03	774	29	13,360	3.92	524	8-72		42	1,096	.04	45	82
22-26-0007	6900447	1347940	6-67	3	305	18,486	3.77	697	32	14,000	3.96	554	9-72		42	954	.00	34	67
22-26-0007	7411656	1347940	3-69	2	305	15,600	4.13	644	39	13,275	3.98	529	12-72		40	676	.03	29	52
22-26-0029	6747461	1347940	5-66	4	303	15,897	4.05	644	22	13,992	3.74	523	3-72		44	661	.05	31	53
22-26-0029	7821178	1347940	9-70	1	305	18,980	3.37	639	23	13,700	3.85	527	2-73		36	877	-.03	27	58
22-26-0033	7025004	1347940	8-67	3	297	17,290	3.97	687	13	14,446	3.94	569	12-72		42	775	.02	31	58
22-26-0033	7413641	1347940	12-67	3	300	18,026	3.73	673	11	13,893	3.88	539	3-73		42	911	.00	32	64
22-26-0033	7413642	1347940	2-68	3	305	17,233	3.88	669	11	13,986	3.87	541	10-72		42	811	.01	31	59
22-26-0033	7475907	1347940	8-68	2	305	20,490	4.00	819	10	14,785	3.92	580	5-72		40	1,050	.03	43	79
22-26-0033	7475908	1347940	8-68	3	305	18,263	4.58	836	13	15,413	3.94	608	1-73		42	798	.11	45	70
22-26-0033	7681213	1347940	6-69	2	305	16,940	3.84	651	13	14,580	3.91	570	2-73		40	706	.00	26	51
22-26-0068	6056273	1204163	2-64	6	305	22,895	3.65	836	15	16,995	3.68	625	3-72		42	832	-.01	29	58
22-26-0068	6934667	010288790	12-67	3	305	19,473	3.79	738	12	16,803	3.58	601	6-72		41	648	.09	37	57
22-26-0068	7311247	010288790	11-68	2	305	21,910	3.72	814	16	17,255	3.63	627	1-73		38	832	.07	41	68
22-26-0068	7318414	010288790	12-68	2	292	19,210	3.60	691	22	16,350	3.68	601	12-72		38	625	.06	31	51
22-26-0073	7064331	1347940	8-67	4	305	18,092	3.30	597	11	15,282	3.74	572	1-73		44	805	-.05	21	50
22-26-0073	7850335	1347940	8-70	1	305	18,070	3.38	611	13	14,110	3.69	521	8-72		36	785	-.02	25	53
22-26-0089	7221533	1383004	10-68	2	305	19,590	3.60	705	15	13,595	3.70	503	12-72		40	538	.09	33	50
22-26-0089	7762606	1347940	7-70	1	305	17,420	3.98	694	14	14,130	3.72	525	2-73		36	736	.03	31	56
22-26-0089	7762607	1347940	7-70	1	305	17,000	3.94	669	14	14,130	3.72	525	2-73		36	704	.02	29	53
22-26-0102	7725152	1347940	2-69	2	305	18,945	3.91	741	14	15,800	3.72	587	12-72		40	811	.03	34	61
22-26-0102	7725154	1347940	3-69	2	305	18,455	3.58	660	11	15,190	3.94	598	8-72		40	811	-.03	25	54
22-26-0150	5827169	1206797	4-63	6	305	20,655	3.91	808	26	15,611	3.87	604	1-72		44	830	.03	34	62
22-26-0150	7812993	1450228	1-71	1	305	19,050	3.90	743	23	16,300	3.77	615	1-73		36	735	.00	26	52
22-29-0044	6199389	1446414	7-64	6	302	20,900	3.78	790	31	16,846	3.69	622	12-71		38	733	.03	31	56
22-29-0044	6199392	1446414	7-64	6	305	20,300	3.97	805	28	16,831	3.71	624	11-72		38	648	.06	33	54
22-29-0044	6199394	1446414	8-64	6	305	21,566	3.41	736	33	17,033	3.69	629	11-72		38	808	-.05	22	51
22-29-0044	6544748	1446414	1-66	4	305	18,872	4.63	873	29	16,707	3.64	608	11-71		37	442	.18	43	54
22-29-0044	7344012	1353009	7-67	3	305	27,093	3.13	847	28	17,260	3.64	629	5-72		36	1,542	-.13	35	92
22-29-0135	6222536	1199077	10-63	7	305	22,147	3.36	744	10	17,044	3.76	641	3-73		40	895	-.05	24	56
22-29-0135	6604193	1237057	7-66	3	305	20,373	3.95	805	15	15,490	3.71	574	7-72		42	771	.01	29	56
22-29-0147	6594802	1347940	12-65	6	302	20,230	3.27	661	25	17,911	3.53	633	3-73		44	820	-.05	22	52
22-29-0147	6753000	1470757	11-66	4	305	25,982	3.36	874	30	18,505	3.46	640	1-72		43	1,146	-.08	28	70
22-29-0182	6792710	1347940	3-67	4	303	19,137	3.31	634	12	15,847	3.54	561	3-73		44	878	-.04	26	57
22-29-0182	6864979	1347940	12-66	3	305	18,656	3.93	733	34	16,383	3.94	646	7-72		42	754	.01	29	55
22-29-0182	6909921	1347940	10-66	4	305	19,862	3.45	686	31	16,665	3.82	636	3-72		44	887	-.04	25	57
22-29-0182	7228834	1458744	8-68	3	288	18,616	3.83	713	56	15,226	3.80	578	8-72		42	790	.01	30	57
22-29-0182	7722051	1347940	3-69	2	305	22,165	3.82	846	63	14,990	3.74	561	10-72		40	1,204	.02	47	88
22-29-0183	7160502	1454921	2-68	3	305	22,773	3.37	768	15	16,220	3.47	563	12-72		33	1,128	-.05	33	74
22-29-0188	7037245	1348259	10-67	3	305	18,637	3.71	692	21	14,710	3.68	542	4-72		42	702	.01	27	51
22-29-0188	7037247	1347940	2-68	2	305	20,635	3.65	754	25	13,735	3.82	525	11-71		40	1,150	.00	41	81
22-29-0188	7115870	1347940	5-68	2	305	17,630	3.61	637	27	13,645	3.81	520	1-72		40	852	-.01	29	59
22-29-0188	7115871	1347940	6-68	2	305	16,440	3.72	611	18	13,880	3.71	515	5-72		40	713	.01	27	52
22-29-0188	7222120	1347940	10-68	3	305	15,883	3.89	618	31	13,656	3.76	513	11-72		42	686	.02	28	51
22-29-0188	7245782	1347940	10-68	3	305	20,510	3.52	722	25	13,643	3.72	508	2-73		42	1,220	-.02	41	84
22-29-0188	7245783	1347940	12-68	2	302	16,365	3.69	604	27	13,685	3.81	521	10-71		40	721	.00	26	51
22-29-0188	7270750	1347940	2-69	2	305	17,475	3.77	658	21	14,090	3.65	514	2-72		40	801	.02	32	59
22-29-0188	7515120	1347940	9-69	1	305	17,360	3.87	672	18	14,500	3.74	543	9-71		36	709	.02	28	52
22-29-0188	7750091	1347940	9-70	1	305	19,980	3.11	622	32	13,280	3.66	486	10-72		36	977	-.05	28	63
22-29-0188	7840722	1347940	3-71	1	305	18,420	2.99	550	12	14,070	3.65	514	4-73		36	814	-.05	21	51
22-29-0233	6434056	1386406	8-65	4	272	21,407	3.69	789	20	17,910	3.54	634	1-72	B	44	702	.04	31	55
22-29-0251	7095147	1347940	7-68	2	305	17,570	3.59	630	23	14,510	3.61	524	5-72		40	776	.00	28	55
22-29-0251	7356369	1347940	12-68	3	285	17,686	3.38	598	31	14,663	3.41	500	12-72		42	801	-.01	27	55
22-29-0253	6406384	1354348	2-65	6	272	20,413	3.27	667	19	15,447	3.69	570	3-73		39	865	-.08	18	50
22-29-0253	6657324	1347940	10-66	3	305	17,246	4.31	743	35	15,170	3.70	561	11-71		42	704	.08	38	61
22-29-0253	6776758	1347940	2-67	4	297	18,610	3.42	636	20	15,942	3.73	594	2-73		44	804	-.04	23	52
22-29-0253	7075741	1448047	9-67	3	305	21,007	3.23	679	18	14,620	3.71	542	6-72		32	903	-.09	19	53
22-29-0253	7280155	1347940	8-68	3	292	18,540	3.55	658	25	15,666	3.72	582	4-73		42	807	-.02	26	55
22-29-0253	7320967	1347940	10-68	2	305	23,120	3.04	703	17	16,010	3.70	593	2-72		40	1,218	-.09	30	75
22-29-0254	6754063	1377954	12-66	5	305	21,244	3.41	724	17	16,902	3.27	552	1-73		44	939	.01	36	68
22-29-0254	7186533	1422892	9-68	2	305	24,650	3.48	858	18	16,005	3.19	510	3-72		40	918	.04	39	70
22-29-0254	7770355	1458744	8-70	1	305	21,790	2.80	610	17	15,240	3.34	509	8-72		36	922	-.08	21	55
22-29-0269	6677760	1347940	7-66	4	305	16,237	3.86	627	55	14,312	3.75	537	1-72		44	672	.03	28	51
22-29-0269	6894616	1347940	4-66	4	305	19,157	3.55	680	50	14,275	3.73	532	1-73		44	1,036	-.01	35	71
22-29-0269	6918189	1347940	10-67	2	305	18,960	3.44	653	57	14,075	3.79	533	1-72		40	953	-.03	30	64
22-29-0269	6978841	1347940	3-66	4	305	17,567	3.87	680	44	14,380	3.78	543	6-72		44	829	.03	34	62
22-29-0269	7132326	1347940	4-68	3	305	17,076	4.05	691	55	14,176	3.75	531	12-72		42	776	.05	35	61
22-29-0269	7132327	1347940	6-68	3	301	16,556	3.87	641	51	14,500	3.72	540	12-72		42	686	.02	28	51
22-29-0269	7132328	1347940	8-68	2	305	16,765	3.80	637	55	14,480	3.78	547	12-71		40	697	.01	27	51
22-29-0269	7302509	1458744	11-67	3	303	19,583	4.10	803	50	14,106	3.74	527	3-73		42	1,004	.06	45	79
22-29-0269	7332540	1507277	2-69	2	305	20,445	3.92	802	60	14,120	3.80	537	9-72		29	883	.05	39	69
22-29-0269	7503096	1427381	11-69	1	305	18,710	3.51	656	47	14,860	3.82	568	3-72		36	1,001	.02	39	73
22-29-0269	7573071	1507277	8-69	2	299	18,355	4.15	762	66	14,635	3.76	550	10-72		29	580	.08	33	51
22-29-0311	7836787	1458744	12-70	1	305	17,760	3.25	578	20	12,350	3.79	468	3-73		36	794	-.05	21	50
22-29-0311	7836795	1427381	1-71	1	305	16,050	4.14	664	31	12,450	3.76	468	2-73		36	946	.08	46	77
22-29-0313	7567077	1427381	1-70	2	294	19,740	3.39	670	16	15,725	3.47	546	2-73		40	1,097	.02	43	81
22-29-0314	6570724	1347940	1-66	4	305	20,935	3.62	758	5	15,587	3.59	560	2-72		44	1,126	.01	42	81
22-29-0314	6672751	1451463	9-65	4	305	22,095	3.17	701	9	16,195	3.65	591	2-72		30	945	-.10	19	54
22-29-0324	6978840	1347940	1-66	5	279	19,052	3.39	645	13	15,984	3.55	568	3-73		44	867	-.03	27	58
22-29-0324	7722137	1538087	1-69	2	305	19,380	3.40	659	14	14,365	3.61	518	12-72		28	850	-.05	23	54
22-29-0329	7051693	1347940	9-67	4	274	19,307	3.38	652	9	15,437	3.38	522	2-73	B	44	940	-.01	32	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D FAT (%)	E X FAT (LB)	DOL-LARS
22-29-0329	7191662	1347940	9-68	3	293	18,996	3.20	608	6	15,943	3.35	534	7-72		42	834	-.03	25	$ 55
22-29-0358	5592708	1228022	6-61	5	301	18,492	3.37	623	8	13,000	3.65	474	5-72		44	1,198	-.08	30	74
22-29-0365	6597096	1458744	5-66	2	305	20,700	3.49	723	40	17,225	3.63	625	3-73		40	805	-.03	25	54
22-29-0365	6717484	1347940	8-66	4	305	19,955	3.64	727	35	15,815	3.80	601	7-72		44	983	-.01	34	68
22-29-0365	6857686	1347940	5-67	2	305	19,525	3.60	703	40	17,260	3.62	625	3-73		40	751	.00	27	53
22-29-0365	6962621	1483717	8-67	4	301	21,375	3.44	736	32	16,763	3.63	608	2-73		35	980	-.05	27	62
22-29-0365	7083290	1483717	4-68	2	305	21,540	3.65	786	19	16,360	3.67	600	3-72		30	926	-.02	30	63
22-29-0365	7192454	1416771	1-67	3	305	21,156	3.71	784	34	15,166	3.60	546	12-71		39	713	.08	38	61
22-29-0365	7217250	1427381	1-69	2	305	20,290	3.53	717	68	15,755	3.62	571	8-72		40	1,151	.03	46	85
22-29-0365	7548622	010275932	3-69	2	305	22,995	3.82	879	60	16,560	3.61	598	1-73		40	806	.05	37	64
22-29-0368	6481484	1330987	8-65	5	263	20,336	3.87	786	14	15,420	3.46	534	12-72	B	44	896	.10	47	76
22-36-0014	6678122	1347940	7-66	3	305	16,350	3.76	614	31	14,273	3.59	513	2-72		42	683	.02	28	51
22-36-0014	6819602	1347940	11-66	3	305	15,916	3.90	621	22	14,053	3.57	501	4-72		42	654	.04	30	52
22-36-0014	7021180	1347940	9-67	2	305	18,280	3.68	673	45	13,665	3.62	495	7-72		40	917	.01	35	67
22-36-0019	6712247	1347940	8-66	4	305	18,467	3.50	647	28	15,722	3.55	558	1-72		44	808	-.01	28	56
22-36-0019	7725153	1347940	2-69	2	305	16,030	4.12	661	15	14,350	3.72	534	7-72		40	633	.05	30	51
22-36-0021	7169945	1484598	10-68	3	305	20,153	4.21	848	23	17,266	3.53	609	3-73		34	612	.10	38	57
22-36-0021	7302986	1484598	4-69	2	301	21,965	3.55	780	34	17,185	3.42	588	5-72		32	781	.01	29	56
22-36-0036	7350124	1471956	2-69	2	305	18,920	3.34	632	19	14,015	3.72	521	10-72		39	827	-.05	22	52
22-36-0047	7252463	1347940	11-68	2	305	21,790	3.51	765	29	17,200	3.63	624	10-72		40	986	-.01	34	69
22-36-0048	6962622	1483717	8-67	3	303	20,383	3.47	708	23	16,190	3.70	599	12-72		33	865	-.05	23	54
22-36-0063	7393004	1427381	7-69	2	305	19,035	3.93	748	15	15,035	3.67	552	12-72		40	1,082	.07	50	86
22-36-0063	7393006	1427381	9-69	1	305	18,150	3.40	617	20	14,550	3.68	536	8-72		36	977	.02	38	72
22-36-0063	7410843	1427381	9-69	1	305	16,720	3.53	590	22	14,640	3.68	539	9-72		36	866	.03	36	65
22-36-0066	6601309	1347940	1-66	4	305	18,727	3.79	710	14	14,445	3.57	515	4-72		44	966	.03	40	73
22-36-0066	6893943	1347940	7-67	4	296	19,182	3.89	747	10	14,600	3.73	545	3-73		44	1,007	.04	42	76
22-36-0066	6966332	1347940	9-67	4	296	16,620	3.86	641	9	14,397	3.76	542	3-73		44	711	.02	29	53
22-36-0066	7599500	1347940	2-70	1	305	21,180	3.47	736	9	17,240	3.75	646	12-72		36	830	-.02	27	56
22-36-0066	7686642	1347940	10-68	2	305	16,410	4.00	656	13	14,580	3.81	555	12-72		40	653	.03	28	50
22-36-0066	7713076	1347940	10-70	1	305	18,160	3.92	711	16	15,060	3.85	580	10-72		36	735	.02	29	54
22-36-0068	6490531	1347940	11-65	5	304	18,138	3.98	721	14	15,524	3.94	611	1-73		44	796	.02	32	59
22-36-0068	6786732	1347940	1-67	4	298	17,447	3.90	681	7	15,387	3.61	555	5-72		44	715	.05	33	57
22-36-0068	6897735	1347940	6-67	4	296	18,862	3.56	671	10	15,930	3.69	588	9-72		44	836	-.01	28	57
22-36-0068	6932597	1347940	5-67	3	304	25,240	3.39	855	18	16,260	3.89	633	1-72		42	1,523	-.07	44	99
22-36-0068	6953814	1347940	3-67	4	303	24,972	3.56	889	10	16,470	3.87	637	3-73		44	1,537	-.03	50	104
22-36-0068	7068075	1347940	5-67	4	303	22,470	3.64	818	15	16,230	3.86	627	12-72		44	1,252	-.02	42	86
22-36-0068	7262059	1347940	2-69	1	305	21,590	3.17	685	13	15,890	3.75	596	6-72		36	941	-.05	26	60
22-36-0068	7393552	1347940	7-68	3	305	21,246	3.97	843	16	16,310	3.86	630	1-73		42	1,059	.03	43	79
22-36-0068	7416013	1347940	10-67	2	305	19,735	3.67	724	14	15,615	3.90	609	12-71		40	906	-.01	31	63
22-36-0068	7549109	1458744	2-70	1	281	22,400	3.32	743	20	17,240	3.81	657	10-72		36	849	-.06	22	53
22-36-0068	7552667	1347940	3-68	3	298	19,363	3.44	666	15	15,950	3.85	614	9-72		42	875	-.05	24	56
22-36-0068	7756053	1347940	10-70	1	305	20,790	3.49	725	6	17,810	3.62	627	3-73		36	797	-.01	27	55
-36-0074	5147340	1193506	9-60	8	305	19,200	4.14	794	18	15,836	3.68	582	9-72		44	667	.11	41	62
-36-0074	6630417	1347940	7-66	5	299	18,344	3.58	657	17	15,828	3.73	590	3-73		44	792	-.02	26	54
-36-0074	6969563	1347940	2-68	3	305	18,043	3.74	675	18	15,303	3.69	572	1-72		42	765	.01	29	55
-36-0074	7243900	1347940	1-69	1	305	18,410	3.74	688	16	15,620	3.70	578	2-73		36	721	.01	27	52
-36-0159	7349421	1458744	4-69	1	305	20,020	3.79	759	45	16,210	3.72	603	12-71		36	733	.00	27	52
-36-0159	7451410	1427381	8-69	2	300	21,590	3.49	753	39	15,840	3.77	597	9-72		40	1,276	.01	47	91
2-36-0159	7500987	1427381	1-70	2	305	21,925	3.88	839	43	16,225	3.86	626	1-73		40	1,278	.05	54	97
2-36-0159	7500988	1347940	1-70	1	305	20,700	3.98	824	39	15,870	3.84	610	9-72		36	876	.03	36	66
2-36-0159	7534869	1458744	2-70	2	300	18,945	3.90	739	12	16,255	3.88	631	4-73		40	706	.00	26	51
2-36-0163	7140007	1244009	5-68	2	262	18,740	3.79	710	17	15,090	3.55	535	8-71	B	40	752	-.01	26	52
2-36-0172	6823312	1458117	9-66	4	305	20,958	3.56	747	28	15,248	3.65	557	3-73		41	975	-.04	29	64
2-36-0172	7061111	1347940	11-67	3	305	17,126	3.69	632	29	14,806	3.72	551	9-72		42	723	.00	26	51
2-36-0188	6610224	1347940	8-66	4	294	20,417	3.47	709	9	16,080	3.76	605	12-72	B	44	1,013	-.03	31	67
2-36-0193	5874443	1413711	9-63	6	305	20,785	3.60	749	44	16,617	3.72	618	7-72		44	869	-.04	25	56
2-36-0193	6139472	1413711	8-64	6	305	21,548	3.76	811	53	16,618	3.75	623	8-72		44	969	-.01	33	67
2-36-0193	6579956	1347940	5-66	4	304	20,837	3.19	664	46	16,522	3.71	613	12-71		44	1,022	-.08	25	62
2-36-0193	6592930	1347940	4-66	5	304	20,570	3.76	774	51	16,462	3.68	606	10-72		44	1,013	.02	40	75
2-36-0193	6592933	1347940	5-66	4	305	22,307	3.51	782	44	16,912	3.82	646	1-72		44	1,165	-.04	36	78
2-36-0193	6592936	1347940	7-66	3	300	19,696	3.66	721	41	16,763	3.84	644	2-72		42	839	-.01	28	58
2-36-0193	6610226	1347940	9-66	4	298	19,292	3.68	710	46	15,902	3.69	586	7-72		44	892	.01	33	64
22-36-0193	6610228	1347940	9-66	5	303	18,938	3.35	635	43	16,536	3.67	607	10-72		44	795	-.04	22	51
22-36-0193	6713521	1347940	1-67	3	305	20,446	3.30	674	35	16,593	3.69	612	1-72		42	941	-.06	25	59
22-36-0193	6713523	1347940	1-67	4	300	19,270	3.98	766	43	16,420	3.71	609	1-73		44	838	.05	38	66
22-36-0193	6713525	1347940	1-67	4	297	19,537	3.40	664	50	16,392	3.69	604	1-73		44	878	-.04	26	57
22-36-0193	6864181	1347940	4-67	4	285	19,037	3.36	635	46	16,355	3.74	611	1-73		44	816	-.05	21	51
22-36-0193	6937882	[illegible]	10-67	3	305	20,426	3.57	729	47	16,156	3.71	600	11-72		42	979	-.01	33	67
22-36-0193	6937883	[illegible]	10-67	3	305	20,220	3.82	772	42	16,473	3.81	627	8-72		42	926	.01	35	67
22-36-0193	6999101	[illegible]	12-67	2	305	20,530	3.89	798	40	15,885	3.75	595	3-72		40	965	.03	39	72
22-36-0193	7116077	[illegible]	6-68	3	305	18,860	3.36	634	49	15,753	3.69	582	9-72		42	836	-.04	24	54
22-36-0193	7114046	1347940	5-68	2	305	19,265	3.83	737	49	15,565	3.78	588	6-72		40	862	.02	34	64
22-36-0193	7276650	1347940	12-68	2	305	22,105	3.36	743	56	15,920	3.71	590	9-72		40	1,122	-.04	34	74
22-36-0194	[illegible]	1347940	2-68	3	292	20,036	3.40	682	21	15,630	3.70	579	9-72		42	982	-.04	29	64
22-36-0194	6999228	1347940	2-68	3	303	20,736	3.72	771	20	15,606	3.70	577	7-72		42	1,065	.01	40	77
22-36-0194	7116047	1347940	6-68	3	305	19,100	4.13	788	20	16,280	3.64	593	1-73		42	815	.07	40	67
22-36-0196	7425952	1427381	2-69	2	298	18,080	3.65	660	15	14,255	3.53	503	7-72		40	1,048	.05	45	80
22-36-0196	7473095	1427381	2-69	1	305	20,240	3.43	695	8	13,520	3.69	499	6-72		36	1,195	.02	46	87
22-36-0200	4526382	1167632	1-58	10	287	18,701	3.81	716	38	13,671	3.67	502	4-72		44	939	.01	36	68
22-36-0200	6516579	1466514	3-66	5	305	22,936	3.28	752	71	16,256	3.62	589	3-73		35	1,280	-.08	33	80
22-36-0200	6672384	1447750	8-66	4	305	22,060	3.55	784	63	16,055	3.64	584	8-72		43	892	-.02	29	61
22-36-0200	6805290	1347940	4-67	3	301	19,180	3.42	655	102	16,563	3.60	596	1-73		42	794	-.02	25	53
22-36-0200	6805294	1347940	1-67	3	297	20,316	3.17	645	96	16,886	3.58	605	2-73		42	899	-.06	23	56
22-36-0200	7031481	1466514	5-66	4	305	22,530	3.33	751	80	16,530	3.64	601	1-73		33	1,149	-.07	30	72
22-36-0200	7041596	1347940	10-68	3	300	22,103	3.30	729	92	16,996	3.56	605	2-73		42	1,094	-.05	32	71

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
22-36-0200	7441557	1347940	5-69	1	305	22,730	3.57	811	78	17,250	3.59	620	2-72		36	945	.00	34	$ 67
22-36-0200	7441556	1347940	5-69	2	297	19,450	3.14	611	83	16,140	3.64	588	9-72		40	835	-.06	21	52
22-36-0200	7535541	1347940	9-68	2	305	22,375	3.21	718	83	16,590	3.59	595	2-72		40	1,095	-.05	31	70
22-36-0200	7576599	1347940	11-69	2	305	21,725	3.21	697	96	17,460	3.59	627	2-73		40	958	-.05	26	61
22-36-0200	7576600	1347940	11-69	2	303	20,360	3.56	724	100	17,485	3.59	628	1-73		40	816	.00	29	58
22-36-0200	7623822	1347940	12-69	1	305	20,770	3.35	695	87	16,890	3.59	607	12-71		36	821	-.02	26	55
22-36-0200	7826138	1447414	6-70	1	296	19,900	3.42	680	89	16,080	3.65	587	7-72		36	913	-.05	25	58
22-36-0200	7826139	1447414	8-70	1	305	21,460	3.33	714	89	17,270	3.58	619	3-72		36	958	-.05	26	61
22-36-0200	7826140	1447414	9-70	1	305	20,460	3.80	778	113	17,800	3.58	638	12-72		36	852	-.01	29	59
22-36-0200	7872103	1387978	11-70	1	305	21,990	3.80	836	113	17,800	3.58	638	12-72		36	779	.01	30	57
22-36-0200	7916930	1454407	2-71	1	305	23,650	3.25	769	95	17,820	3.54	630	3-73		33	868	-.07	21	53
22-36-0200	7931332	1447414	3-71	1	305	20,280	3.48	706	121	17,760	3.56	633	2-73		36	841	-.04	24	54
22-36-0200	8089928	1543833	1-71	1	305	22,690	3.32	754	113	17,640	3.57	629	2-73		23	781	-.03	23	51
22-36-0203	6910432	1347940	7-66	3	305	18,296	3.77	690	39	15,303	3.58	548	2-72		42	812	.02	33	61
22-36-0203	7131915	1347940	10-66	4	304	17,920	3.55	637	37	15,787	3.58	565	2-73		44	734	.00	26	52
22-36-0203	7251028	1347940	6-68	3	290	17,883	3.53	632	38	15,683	3.51	551	9-72		42	730	.00	26	51
22-36-0203	7398306	1347940	7-69	1	305	19,500	3.55	693	53	16,330	3.45	564	12-71		36	759	.01	29	55
22-36-0203	7436237	1347940	4-68	3	300	18,766	3.39	637	22	15,573	3.54	552	6-72		42	841	-.02	27	57
22-36-0203	7616654	1347940	2-70	1	305	19,760	3.49	689	26	15,840	3.52	558	6-72		36	808	.00	29	57
22-36-0203	7616655	1347940	3-70	1	305	20,560	3.27	673	26	15,860	3.55	563	4-72		36	866	-.03	27	58
22-36-0207	7462881	1471956	2-68	3	304	17,893	3.59	643	7	13,623	3.96	539	3-73		41	795	-.04	23	52
22-36-0207	7707481	1347940	4-70	1	305	15,560	3.82	595	24	12,570	3.81	479	8-72		36	690	.01	26	50
22-36-0209	7667498	1469311	7-70	1	305	22,130	3.89	861	14	15,010	3.81	572	11-72		35	649	.06	32	53
22-36-0212	7829841	1308101	10-70	1	305	24,120	3.30	796	9	15,410	3.60	554	12-72		36	1,273	-.06	37	83
22-36-0215	6598286	1347940	8-66	4	298	18,227	3.93	717	15	15,742	3.75	590	6-72		44	776	.04	34	60
22-36-0215	6986338	1261857	3-67	3	273	20,677	3.71	768	40	16,987	3.69	626	9-72		42	784	.06	37	63
22-36-0215	7062322	1261857	8-67	3	305	19,467	3.78	736	18	16,500	3.58	591	4-73		42	690	.08	37	59
22-36-0215	7062330	1261857	10-67	2	305	21,495	3.61	777	26	17,260	3.59	620	1-72		40	800	.05	37	64
22-36-0215	7167714	1347940	10-68	2	241	20,935	3.03	634	27	17,060	3.50	597	9-72		40	911	-.06	25	56
22-36-0215	7513597	1348259	1-69	2	304	22,030	3.70	816	44	17,290	3.62	626	12-72		40	792	.02	32	59
22-36-0215	7513598	1348259	2-69	2	305	21,595	3.40	735	42	17,130	3.60	617	12-72		40	761	-.02	24	51
22-36-0221	6897733	1347940	6-67	3	287	18,013	3.94	710	11	13,540	3.71	503	4-72		42	942	.04	40	72
22-36-0221	6897734	1347940	6-67	4	301	16,252	3.46	562	10	13,570	3.72	505	11-72		44	747	-.03	23	50
22-36-0221	7164822	1347940	8-68	3	299	17,313	3.64	631	15	12,943	3.69	477	11-72		42	916	.00	33	65
23-01-0029	6770422	1399824	10-66	4	305	20,733	4.11	852	21	16,628	3.84	638	4-72		44	854	.08	43	71
23-01-0029	7049801	1399824	3-68	3	305	20,527	3.67	753	24	15,590	3.86	601	2-73		42	895	.01	33	64
23-01-0029	7049802	1399824	4-68	2	305	19,090	3.88	741	22	14,930	3.91	584	6-72		40	744	.03	32	57
23-01-0073	5910486	1378276	9-63	5	305	19,532	3.72	726	27	15,322	3.52	540	3-72		34	660	.04	30	52
23-01-0073	6898184	1467273	9-67	3	305	20,350	3.36	683	28	14,233	3.45	491	9-72		32	804	-.03	24	53
23-01-0093	7583041	1441440	12-69	2	305	19,610	3.62	710	11	16,100	3.71	597	1-73		40	693	.02	28	52
23-01-0094	5992552	1122127	12-63	7	279	18,936	3.68	697	29	13,954	3.65	510	12-72		44	907	-.03	28	60
23-01-0094	6210485	1320310	10-64	6	299	18,812	3.17	597	18	14,637	3.72	544	6-72		44	1,050	-.11	21	60
23-01-0094	6794908	1347940	3-67	3	305	17,883	3.73	667	25	14,163	3.66	518	7-72		42	870	.01	33	63
23-01-0094	6983263	1458744	12-67	3	305	17,416	4.05	705	35	14,623	3.63	531	2-72		42	708	.05	38	56
23-01-0094	7099286	1399824	4-68	2	305	19,495	3.88	756	38	14,915	3.69	551	10-72		40	786	.05	36	62
23-01-0094	7501265	1458744	1-70	1	305	21,000	3.28	688	36	14,320	3.58	513	11-72		36	918	-.04	27	60
23-01-0094	7813474	1458744	9-70	1	305	18,050	3.56	643	29	13,860	3.64	504	9-72		36	726	-.01	24	50
23-01-0106	5972311	1199324	12-63	6	301	18,145	3.59	651	14	14,167	3.77	534	11-72		44	923	-.03	29	62
23-01-0106	6812608	1261857	3-67	4	272	16,015	3.74	599	26	13,165	3.59	472	7-72		44	614	.07	33	53
23-01-0106	7430157	1447414	6-69	2	305	15,320	3.54	542	28	13,015	3.56	463	7-72		40	772	-.03	23	51
23-01-0106	7430165	1406271	9-69	2	295	16,625	3.34	556	27	13,205	3.56	470	7-72		40	693	.01	26	50
23-01-0106	7690939	1427381	11-70	1	305	15,540	3.86	600	15	13,430	3.48	468	10-72		36	850	.07	41	69
23-01-0106	7820695	1427381	2-71	1	305	18,680	3.40	636	6	13,800	3.54	489	4-73		36	1,062	.02	42	78
23-01-0115	6996943	1320310	1-68	2	305	16,695	4.16	695	43	13,935	3.89	542	6-72		40	814	.00	30	58
23-01-0115	7172289	1399824	8-68	3	303	17,210	4.38	753	48	14,323	3.89	557	9-72		42	630	.09	37	57
23-01-0115	7466126	1441440	12-69	2	305	19,430	3.79	737	44	15,790	3.86	610	12-72		40	700	.02	29	53
23-01-0115	7531849	1441440	1-70	1	305	21,960	3.73	820	23	14,810	3.86	571	3-72		36	862	.03	35	64
23-01-0148	6389644	1441440	8-65	6	298	16,413	4.28	702	15	13,908	3.82	531	3-73		44	591	.10	36	54
23-01-0152	6208201	1441440	2-65	5	301	21,690	3.50	760	12	17,174	3.51	602	4-72		44	934	.02	36	68
23-01-0152	7673517	1427381	8-70	1	305	17,630	3.62	639	29	15,370	3.66	562	10-72		36	890	.04	38	68
23-01-0153	6119088	1320310	8-64	6	305	17,752	3.77	669	23	15,933	3.58	571	1-73		44	779	-.01	27	54
23-01-0153	6275785	1296729	2-65	5	302	22,008	3.39	746	16	16,236	3.69	599	8-72		44	951	-.10	18	56
23-01-0153	6407983	1336050	7-65	3	302	19,133	3.38	646	19	15,520	3.81	592	7-72		42	812	-.05	22	51
23-01-0153	6916410	1462564	1-67	3	216	26,290	3.42	898	25	17,770	3.60	639	1-73		32	1,323	-.04	41	08
23-01-0153	6953302	1347940	3-67	2	305	22,470	3.68	826	28	19,200	3.51	674	1-73		40	893	.03	36	66
23-01-0153	7028443	1399824	12-67	3	305	19,013	4.28	813	25	17,273	3.69	637	12-72		42	566	.11	37	56
23-01-0153	7049170	1458744	11-67	1	305	28,420	2.87	816	22	16,670	3.72	620	6-72		36	1,331	-.11	30	79
23-01-0153	7361850	1309574	7-68	3	305	24,917	2.99	744	29	17,797	3.48	620	12-72		42	1,093	-.06	30	70
23-01-0153	7481787	1330987	1-70	1	305	23,390	3.57	835	22	16,890	3.66	619	6-72		36	794	.03	33	60
23-01-0153	7496400	1347940	2-70	1	298	24,320	3.24	789	32	18,610	3.60	670	10-72		36	983	-.04	29	64
23-01-0155	6718663	1320310	10-66	4	305	19,403	3.68	714	13	16,935	3.83	649	9-72		44	880	-.05	24	56
23-01-0155	7210273	1427615	6-68	3	303	22,357	3.24	724	13	16,480	3.88	639	7-72		42	1,143	-.11	15	59
23-01-0164	6748737	1309574	2-67	3	305	20,917	3.60	754	27	14,847	3.81	565	1-73		42	904	.02	36	67
23-01-0164	6871906	1458744	8-67	4	296	19,477	3.11	605	26	15,152	3.91	592	1-73		44	924	-.11	16	51
23-01-0164	6891521	1261857	8-67	3	305	17,027	4.58	779	29	14,703	3.85	566	9-72		42	575	.15	45	60
23-01-0164	7267305	1427381	9-68	1	305	18,680	3.53	659	33	14,540	3.73	543	5-72		36	1,017	.09	41	76
23-01-0164	7687188	1441440	10-70	1	305	19,920	3.86	769	30	14,550	3.80	553	11-72		36	725	.04	32	56
23-01-0167	7513989	1508716	2-70	2	305	17,405	3.70	644	9	14,400	3.74	538	12-72		37	669	.04	30	52
23-02-0001	6697314	1320310	10-66	4	305	16,825	3.94	663	39	15,155	3.66	554	4-72		44	737	.01	28	53
23-02-0001	6846749	1399824	3-67	4	299	16,265	4.40	715	39	14,473	3.74	541	7-72		44	515	.11	35	50
23-02-0001	7060040	1491821	2-68	2	305	21,185	3.72	789	33	14,795	3.74	554	10-71		37	702	.01	27	51
23-02-0001	7650329	1399824	6-70	1	305	21,900	3.70	811	28	18,100	3.55	643	10-72		36	671	.04	30	52
23-02-0008	6756798	1399824	11-66	4	303	19,233	4.42	851	39	16,570	3.74	620	5-72		44	675	.13	44	64
23-02-0008	6850260	1399824	3-67	4	305	19,033	4.43	844	45	16,030	3.73	598	11-72		44	703	.14	46	67
23-02-0008	6850261	1399824	4-67	3	305	20,433	4.36	890	42	15,783	3.74	590	1-72		42	866	.12	50	77

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O REPT	W (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-02-0008	6937516	1399824	8-67	3	299	21,263	3.97	844	38	16,820	3.78	635	5-72		42	866	.06	40	$ 69
23-02-0008	7080908	1320310	5-68	3	298	18,237	3.84	701	40	16,623	3.73	620	6-72		42	761	-.02	25	52
23-02-0008	7378325	1320310	2-69	2	272	19,645	3.54	695	41	16,890	3.74	632	12-72	B	40	874	-.05	23	55
23-02-0008	7378329	1441440	2-69	2	305	20,690	3.86	798	42	16,865	3.78	638	7-72		40	741	.04	33	58
23-02-0011	7686610	1526128	10-70	1	305	16,870	3.76	634	9	13,860	3.92	544	3-73		33	941	-.09	20	55
23-02-0027	6833231	1399824	6-67	4	305	20,775	3.65	758	40	17,900	3.63	650	1-73		44	734	.02	30	55
23-02-0027	6864772	1393031	8-67	3	305	22,783	3.58	815	39	18,256	3.66	669	3-72		42	850	-.08	18	50
23-02-0027	6966415	1393031	12-67	3	305	22,463	3.88	872	43	18,206	3.62	659	2-73		42	818	-.02	26	55
23-02-0027	7731547	1441440	12-70	1	305	21,870	3.64	797	47	17,520	3.62	635	1-73		36	694	.03	30	53
23-02-0042	6888351	1427615	0-67	4	302	19,108	3.62	691	21	15,308	3.69	565	1-73		44	901	-.09	19	53
23-03-0001	6688043	1347940	9-66	3	305	19,893	3.46	689	17	15,936	3.63	579	8-71		42	938	-.02	30	63
23-03-0001	6731455	1347940	10-66	3	305	18,323	3.92	718	13	15,106	3.71	561	6-72		42	833	.03	35	63
23-03-0001	7392762	1493686	8-69	1	305	20,600	3.33	687	10	16,720	3.74	626	8-71		36	719	-.01	25	50
23-03-0001	7498955	1493686	10-69	2	305	23,425	3.84	899	18	18,600	3.65	678	1-73		40	945	.06	43	74
23-03-0001	7498957	1493686	11-69	2	305	21,970	3.47	762	16	18,705	3.64	681	12-72		40	789	.00	29	56
23-03-0001	7818790	1493686	2-71	1	305	25,190	3.64	918	20	20,050	3.56	714	1-73		36	863	.04	37	66
23-03-0007	6768189	1193031	3-67	5	304	23,068	3.01	694	13	16,568	3.69	611	3-73		44	1,126	-.18	12	56
23-03-0007	7453870	1512026	7-69	2	305	20,400	3.43	700	17	17,460	3.72	649	9-72		39	794	-.05	21	50
23-03-0007	7782314	1427615	9-70	1	305	22,340	3.54	790	18	16,980	3.62	615	7-72		36	902	-.10	17	51
23-03-0037	7040768	1427615	1-68	3	305	21,347	3.63	774	19	16,223	3.70	600	12-72		42	1,050	-.09	24	63
23-03-0037	7040769	1427615	3-68	3	305	20,307	3.28	667	12	15,923	3.63	578	3-73		42	958	-.13	14	51
23-03-0039	7270739	1427381	10-68	3	301	17,060	3.47	592	10	15,150	3.69	559	3-73		42	877	.01	33	63
23-03-0059	7433478	1427381	12-69	1	305	19,530	3.47	677	12	16,440	3.72	612	12-71		36	968	.02	38	71
23-03-0040	6743966	1458744	9-66	4	304	20,527	3.49	717	32	15,720	3.59	565	1-72		44	998	-.02	32	67
23-03-0040	6743967	1458744	1-67	4	302	18,792	3.97	746	27	15,947	3.65	582	12-72		44	761	.04	34	59
23-03-0040	7742661	1458744	7-70	1	305	20,890	3.60	752	26	15,860	3.80	603	11-72		36	818	-.02	26	55
23-03-0040	7742662	1458744	8-70	1	305	22,320	4.02	897	19	16,630	3.90	648	12-72		36	879	.02	34	64
23-03-0041	7868939	1347940	9-69	2	286	22,195	3.70	822	17	18,685	3.68	687	10-72		40	907	.01	34	65
23-03-0046	7896748	1493686	10-70	1	305	22,770	3.91	891	17	19,800	3.74	740	11-72		36	697	.05	33	56
23-03-0052	7143968	1458744	6-68	2	305	20,270	4.04	819	20	17,755	3.60	640	2-72		40	719	.05	34	58
23-03-0053	6341537	1427615	7-65	4	305	20,365	3.37	686	23	15,308	3.76	575	6-72		44	1,056	-.13	17	57
23-03-0053	7404023	1399824	7-69	2	295	21,655	3.26	707	51	16,305	3.73	608	10-72		40	892	-.04	26	58
23-03-0053	7476261	1399824	12-69	2	276	21,035	3.30	695	44	16,725	3.67	614	11-72		40	795	-.03	24	52
23-03-0053	7476268	1427615	11-69	2	305	22,745	3.74	850	33	17,360	3.50	608	2-73		40	1,041	-.05	29	67
23-03-0053	7570854	1526128	10-69	1	305	19,260	3.71	715	61	16,570	3.71	615	11-71		33	958	-.08	22	57
23-03-0053	7663746	1399824	9-70	1	280	21,300	3.45	735	45	16,580	3.65	605	11-72		36	717	.00	26	51
23-03-0053	7663749	1458744	9-70	1	305	23,350	3.55	828	52	16,460	3.65	601	10-72		36	966	-.02	32	66
23-03-0055	7472999	1320310	12-69	1	305	20,000	3.78	756	10	14,640	3.72	545	8-72		36	983	-.03	31	66
23-03-0055	7473000	1320310	12-69	1	298	18,040	3.60	649	10	14,640	3.72	545	8-72		36	837	-.05	23	53
23-03-0058	6946845	1399824	8-67	4	242	18,893	3.95	746	11	16,583	3.68	610	12-72		44	632	.06	32	53
23-03-0058	7266327	1399824	8-68	3	305	21,630	3.47	750	7	16,083	3.73	600	12-72		42	976	-.01	33	67
23-04-0013	7493796	1508716	2-70	1	305	19,100	3.59	686	11	15,040	3.49	525	4-72		33	707	.05	33	56
23-04-0019	7263800	1320310	1-69	2	305	18,780	3.25	611	22	14,540	3.60	524	9-72		40	977	-.08	23	59
23-04-0020	7027674	1493686	10-67	3	305	24,430	4.04	987	10	18,593	3.73	694	5-72		42	1,125	.09	54	91
23-04-0020	8128215	1560026	11-70	1	305	24,120	4.02	970	11	17,760	3.54	628	1-73		19	664	.07	35	56
23-04-0027	8132322	1508716	6-70	1	305	17,010	3.84	653	8	13,570	3.56	483	10-72		33	634	.07	33	53
23-04-0029	7094731	1441440	4-68	3	305	19,976	3.56	711	6	14,456	3.63	525	6-72		42	927	.02	36	68
23-04-0030	7200112	1320310	9-68	2	305	17,775	3.54	629	13	13,560	3.74	507	6-72		40	955	-.05	26	61
23-04-0030	7200113	1320310	9-68	2	305	17,820	3.42	609	14	13,425	3.78	508	1-72		40	970	-.07	24	60
23-04-0030	7401244	1320310	3-69	2	305	17,600	3.16	556	12	13,595	3.72	506	5-72		40	934	-.09	19	54
23-04-0066	7115896	1427381	8-68	3	305	19,940	3.71	740	5	15,986	3.77	602	1-73		42	1,131	.03	46	85
23-04-0074	7497884	1512026	2-70	1	239	28,620	2.62	749	13	17,760	3.32	589	7-72	B	35	1,339	-.13	27	77
23-04-0074	7694335	1508716	10-70	1	114	22,520	3.22	725	10	17,690	3.24	573	12-72	B	33	809	.03	33	61
23-04-0074	7727105	1399824	9-70	1	167	22,460	3.54	794	18	18,470	3.14	580	10-72	B	36	690	.05	32	55
23-05-0013	6563248	1399824	12-65	4	303	19,118	3.77	721	23	16,183	3.65	591	7-72		44	699	.04	31	54
23-05-0013	6651339	1441440	1-65	5	305	19,504	3.74	729	30	16,172	3.65	591	11-72		44	756	.04	33	58
23-05-0013	6950710	1425137	10-66	5	304	22,880	3.31	757	35	16,344	3.66	598	11-72		44	916	-.06	23	57
23-05-0013	7098847	1499153	5-67	4	304	21,113	3.44	726	41	15,885	3.66	582	10-72		30	833	-.04	24	54
23-05-0013	7721796	1427615	10-69	2	305	21,390	3.15	674	43	15,315	3.68	563	9-72		40	1,070	-.16	14	55
23-05-0013	7922247	1427615	9-69	2	305	20,260	3.66	742	43	15,475	3.67	568	10-72		40	942	-.08	21	56
23-05-0013	8005776	1441440	12-70	1	305	22,660	3.65	827	18	15,700	3.73	585	3-73		36	861	.03	35	64
23-05-0028	7166088	1441440	9-66	3	305	18,933	3.48	659	19	12,520	3.83	480	10-71	H	42	985	-.01	34	69
23-05-0062	6828670	1347940	3-67	3	305	19,383	3.80	736	9	15,623	3.58	560	10-71		42	908	.03	37	68
23-05-0082	6656719	1399824	2-66	5	298	19,664	3.66	720	19	14,014	3.73	523	9-72		44	1,007	.02	39	74
23-05-0082	7180193	1458744	6-68	3	304	21,356	3.49	745	17	15,143	3.72	564	3-73		42	1,113	-.03	35	75
23-05-0082	7477454	1441440	10-69	2	305	19,965	3.31	660	23	15,010	3.88	582	12-72		40	818	-.04	24	53
23-05-0096	6966888	1189870	9-63	6	304	20,802	3.95	821	19	16,060	3.54	569	4-72		44	804	.08	41	67
23-05-0096	7003904	1320310	3-68	3	305	17,763	3.70	658	8	14,960	3.63	543	9-72		42	860	-.02	28	58
23-05-0096	7213042	1399824	10-68	3	297	19,137	3.99	764	12	15,350	3.72	571	1-73		42	757	.06	37	62
23-05-0108	5957325	1119686	5-63	7	303	20,523	3.77	774	14	15,880	3.57	567	11-72		44	600	.08	33	52
23-05-0108	6523770	1399824	1-66	5	305	21,078	3.12	657	13	14,906	3.62	539	10-72		44	1,097	-.07	29	69
23-05-0113	7139234	1441440	7-68	3	301	20,330	3.69	750	10	15,033	3.55	533	10-72		42	915	.05	40	71
23-05-0143	6767818	1320310	10-66	4	302	22,480	3.44	773	17	10,958	3.85	730	7-72		44	1,060	-.09	24	63
23-05-0143	6937828	1320310	7-67	4	305	23,833	3.22	767	26	17,985	3.75	675	1-73		44	1,323	-.12	28	77
23-05-0143	7048553	1320310	10-67	4	305	22,143	3.47	768	19	18,855	3.66	691	3-73		44	1,028	-.06	27	64
23-05-0143	7948796	1320310	10-67	4	304	23,895	3.56	851	22	18,463	3.73	688	1-73		44	1,284	-.05	38	84
23-05-0143	7462876	1347940	7-69	2	305	22,845	3.47	792	19	18,700	3.61	675	3-73		40	971	-.02	32	66
23-05-0143	7735236	1441440	6-70	1	305	25,050	3.25	815	20	19,160	3.58	686	1-73		36	833	-.01	28	57
23-05-0146	6668639	1441440	1-66	2	305	19,660	3.55	697	13	16,570	3.39	561	4-72		40	660	.03	29	51
23-05-0146	7919397	1427381	10-69	2	305	19,975	3.27	654	14	15,740	3.45	543	9-72		40	1,120	.01	42	81
23-05-0151	7485389	1441440	1-69	2	305	19,280	2.98	574	35	14,250	3.63	517	4-72		40	810	-.06	20	50
23-05-0151	7783200	1508716	2-71	1	305	17,620	3.73	658	55	14,550	3.45	502	1-73		33	621	.06	32	52
23-05-0190	7180195	1458744	9-67	2	305	17,775	3.72	662	15	13,655	3.52	481	5-72		40	798	.01	31	58
23-05-0212	7985819	1458744	8-70	1	305	21,480	3.53	759	9	17,010	3.54	603	1-73		36	794	-.01	27	55
23-05-0241	6694686	1347940	12-66	4	287	19,387	3.59	696	15	17,505	3.55	622	1-72		44	745	.01	28	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT D (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-05-0241	7152946	1427615	8-68	1	305	22,400	3.26	731	13	16,270	3.57	581	9-72	36	949	-.13	14	$ 50
23-05-0244	5746254	1244845	10-62	4	305	24,005	3.43	823	60	18,268	3.43	626	8-72	44	988	-.04	30	65
23-05-0244	5961171	1399283	3-63	6	300	22,201	3.79	842	38	17,683	3.55	627	4-73	44	883	.01	34	64
23-05-0244	6062169	1399283	3-64	3	305	34,736	2.97	1031	47	18,173	3.55	645	12-71	42	2,215	-.16	52	134
23-05-0244	6062170	1399283	3-64	6	305	23,456	3.45	809	44	17,296	3.54	613	10-72	44	1,084	-.05	31	70
23-05-0244	6062175	1417652	2-64	4	305	29,163	3.20	934	54	18,408	3.50	645	10-72	35	1,618	-.09	43	102
23-05-0244	6184066	1417652	10-64	5	305	22,748	3.93	894	51	18,652	3.54	661	2-73	36	706	.08	37	60
23-05-0244	6358908	1399283	1-65	5	305	22,856	3.54	809	43	18,146	3.47	630	10-72	44	919	-.02	30	63
23-05-0244	6418162	1399283	8-65	5	305	23,176	3.27	758	44	18,046	3.46	624	9-72	44	971	-.07	24	60
23-05-0244	6857849	1399283	11-66	4	305	22,567	3.06	690	49	17,632	3.48	614	10-72	44	908	-.11	16	50
23-05-0244	6879663	1399283	7-67	3	305	23,816	2.99	713	48	17,863	3.57	637	12-72	42	988	-.13	16	54
23-05-0244	6979475	1399283	8-67	3	301	23,313	3.32	774	48	17,726	3.54	628	11-71	42	943	-.06	24	58
23-05-0244	6979479	1399283	11-67	1	305	25,500	3.55	905	47	17,880	3.68	658	2-72	36	868	-.04	25	56
23-05-0244	7182759	1399283	5-68	3	305	24,583	3.60	884	56	18,343	3.59	659	11-72	42	1,032	-.03	33	70
23-05-0244	7327859	1399283	11-68	2	304	22,405	3.83	858	48	17,670	3.58	633	6-72	40	779	.01	29	56
23-05-0244	7690994	1537886	6-70	1	305	21,040	3.89	819	62	17,130	3.54	606	7-72	22	542	.09	33	50
23-05-0244	7690996	1537886	7-70	1	305	21,700	3.92	851	62	17,130	3.54	606	7-72	22	602	.09	36	55
23-05-0244	7771401	1450228	9-70	1	305	25,000	3.42	856	56	18,830	3.62	682	11-72	36	1,027	-.04	30	67
23-05-0244	7771402	1450228	10-70	1	305	26,030	2.92	760	56	18,830	3.62	682	11-72	36	1,104	-.11	23	64
23-05-0244	7771404	1450228	10-70	1	305	23,440	3.45	808	42	19,480	3.67	714	2-73	36	872	-.04	25	56
23-05-0244	7881201	1450228	11-70	1	305	24,120	3.41	823	29	19,490	3.63	708	3-73	38	922	-.05	26	59
23-05-0244	7881209	1537886	12-70	1	305	27,430	3.55	974	24	19,800	3.54	701	4-73	22	929	.04	40	71
23-05-0250	6558234	1399824	2-66	5	299	16,900	3.73	631	15	13,876	3.67	509	6-72	44	665	.03	29	51
23-05-0250	7150880	1427381	8-68	2	305	18,935	3.63	688	15	14,540	3.60	524	3-72	40	1,112	.04	46	84
23-05-0250	7367377	1427381	3-69	2	305	17,080	3.50	597	17	14,210	3.88	551	1-73	40	950	.01	35	68
23-05-0250	7575014	1427381	10-69	2	298	20,955	3.46	725	15	14,180	3.79	538	2-73	40	1,346	.00	49	96
23-05-0250	7669801	1458744	3-70	1	294	17,970	4.12	740	20	13,750	3.89	535	11-72	36	727	.02	29	54
23-05-0250	7669802	1458744	4-70	1	305	16,870	4.40	742	19	13,540	3.94	534	10-72	36	657	.04	29	51
23-05-0250	7669803	1427381	4-70	1	305	17,730	3.82	678	22	13,850	3.94	545	9-72	36	988	.04	42	75
23-05-0258	6732325	1347940	9-66	3	305	16,480	3.62	597	7	13,470	3.79	511	3-72	42	772	-.01	26	53
23-05-0266	7221120	1504414	5-68	2	305	17,445	4.26	743	17	14,245	3.80	541	9-72	38	542	.12	37	53
23-05-0269	6915448	1347940	6-67	4	266	19,100	3.68	703	7	14,790	3.64	539	11-72	44	978	.01	37	71
23-05-0269	7314123	1347940	10-68	2	217	19,760	3.58	707	9	15,070	3.70	558	9-72	40	953	-.01	33	66
23-05-0271	7624843	1552906	12-69	2	297	20,890	3.80	794	13	15,225	3.70	563	3-73	25	732	.03	31	56
23-05-7123	7286341	1508716	12-68	2	305	19,390	3.25	630	18	14,545	3.66	533	11-72	37	868	-.01	29	60
23-06-0005	7254467	1347940	2-68	3	283	17,270	3.57	617	6	14,566	3.82	556	1-73	42	762	-.02	24	51
23-06-0006	6782069	1347940	2-67	3	305	20,306	4.08	829	10	16,636	3.88	645	5-72	42	921	.04	40	71
23-06-0006	7013073	1347940	12-67	3	305	19,606	3.79	743	11	14,573	3.82	557	10-72	42	1,030	.01	38	74
23-06-0006	7013074	1347940	1-68	3	298	17,333	3.59	622	10	14,556	3.78	550	9-72	42	770	-.02	25	52
23-06-0006	7254468	1347940	3-68	3	286	17,103	3.68	629	11	14,690	3.78	555	8-72	42	731	.00	26	52
23-06-0006	7254469	1347940	12-68	2	305	17,650	3.57	630	10	14,925	3.80	567	8-72	40	751	-.01	25	51
23-06-0020	7295290	1347940	5-67	3	305	18,706	3.11	582	7	13,716	3.80	521	1-72	42	1,005	-.08	23	60
23-06-0021	5973939	1411026	10-63	7	305	21,973	3.17	697	7	14,663	3.80	557	1-72	44	840	-.07	20	51
23-06-0021	6379836	1347940	9-68	5	305	17,732	3.81	676	8	15,080	3.66	552	6-72	44	790	.03	33	60
23-06-0022	6811268	1347940	5-66	4	297	16,630	3.40	566	8	14,017	3.65	512	7-72	44	750	-.03	23	50
23-06-0022	7190879	1471956	11-67	4	302	18,367	3.46	635	8	13,847	3.69	511	3-73	42	863	-.03	26	57
23-06-0022	7616598	1347940	12-68	2	305	18,415	3.51	646	8	14,095	3.80	535	3-72	40	896	-.02	29	61
23-06-0037	6447624	1347940	10-65	4	305	21,342	3.75	800	23	16,555	3.82	633	6-72	44	1,081	.01	40	77
23-06-0037	6447626	1347940	11-65	5	303	20,738	4.23	877	19	17,276	3.71	641	4-73	44	951	.10	49	80
23-06-0037	6678547	1347940	11-66	3	305	21,156	4.21	891	21	16,556	3.88	642	11-72	42	1,026	.07	48	82
23-06-0037	6678548	1471953	10-66	5	305	24,990	3.04	760	20	16,982	3.86	656	4-73	35	1,430	-.19	21	76
23-06-0037	6937706	1347940	10-67	3	305	21,333	3.67	783	23	16,486	3.77	622	4-72	42	1,053	-.01	37	74
23-06-0037	7391985	1516661	7-69	2	305	20,195	4.08	824	28	15,510	3.80	589	5-72	29	658	.05	32	54
23-06-0037	7436781	1347940	9-69	2	305	20,230	3.93	795	20	15,860	3.86	612	1-73	40	936	.03	38	70
23-06-0040	6525621	1347940	3-66	4	305	19,435	3.40	661	28	15,797	3.75	593	4-72	44	920	-.04	27	60
23-06-0040	6927077	1441440	4-67	1	305	19,750	3.86	763	42	15,870	3.80	603	9-71	36	634	.04	29	50
23-06-0040	7246271	1427615	2-69	2	305	21,780	3.18	693	38	15,830	3.77	597	11-72	40	1,068	-.16	14	55
23-06-0040	7246273	1441440	12-68	3	304	19,450	4.02	781	26	17,436	3.69	644	1-73	42	593	.08	33	52
23-06-0040	7453461	1427615	11-69	2	305	24,345	3.20	779	33	17,760	3.77	670	1-73	40	1,171	-.17	16	61
23-06-0040	7453471	1320310	7-69	2	305	18,595	4.21	782	45	16,805	3.79	637	10-72	40	774	.02	31	57
23-06-0047	6524787	1347940	12-65	5	302	17,704	3.61	639	5	14,758	3.92	578	3-72	44	819	-.03	25	54
23-06-0047	7731921	1516360	8-70	1	305	17,240	3.64	628	6	12,570	3.88	488	7-72	33	866	-.01	30	60
23-06-0059	6776789	1347940	6-66	4	303	19,192	4.23	811	26	15,487	3.78	585	8-72	44	921	.08	46	76
23-06-0059	7233058	1347940	6-68	3	305	17,826	3.94	703	26	15,660	3.64	570	3-73	42	725	.05	33	57
23-06-0059	7506262	1320310	8-69	2	298	17,065	3.81	651	36	15,455	3.64	563	2-73	40	729	-.01	24	50
23-06-0059	7517254	1441254	11-69	2	305	22,090	3.63	802	38	15,435	3.65	563	1-73	34	726	.01	28	53
23-06-0059	7744776	1347940	1-70	2	298	19,310	3.15	609	23	15,685	3.67	575	3-73	40	857	-.06	22	53
23-06-0069	6706708	1347940	2-66	5	305	17,724	3.67	651	11	15,914	3.76	599	3-72	44	703	.00	25	50
23-06-0069	6863364	1347940	5-67	3	305	17,026	4.04	687	11	15,200	3.79	576	4-72	42	676	.04	30	53
23-06-0069	6901076	1347940	7-66	5	305	17,754	3.75	665	9	15,360	3.80	584	3-73	44	764	.00	28	55
23-06-0069	7599223	1347940	3-69	2	305	19,110	3.50	669	20	15,210	3.81	579	11-72	40	876	-.02	28	59
23-06-0074	6537384	1347940	2-66	5	303	20,228	3.83	775	16	16,508	3.66	604	7-72	44	964	.03	40	73
23-06-0074	6606971	1347940	7-66	4	296	24,460	3.41	835	23	16,760	3.59	602	1-72	44	1,446	-.03	47	98
23-06-0074	7115612	1347940	6-68	3	301	19,443	3.64	708	21	16,153	3.70	598	10-72	42	866	.00	31	61
23-06-0074	7246822	1347940	11-68	2	299	19,775	3.81	753	20	17,235	3.71	640	2-72	40	779	.02	31	58
23-06-0074	7281377	1347940	10-68	2	305	21,685	3.23	700	23	17,195	3.67	631	12-71	40	976	-.06	26	61
23-06-0080	6980154	1347940	1-68	2	299	15,650	4.42	692	28	13,725	3.87	531	3-72	40	645	.07	34	55
23-06-0080	7007606	1347940	3-68	2	305	17,255	3.89	672	43	13,995	3.92	549	10-71	40	786	.01	30	57
23-06-0093	6568969	1441440	2-66	5	302	19,376	4.27	827	37	17,816	3.77	671	4-72	44	569	.12	38	55
23-06-0093	6568970	1441440	4-66	4	305	20,320	3.90	792	27	17,037	3.72	634	3-72	44	754	.06	36	61
23-06-0093	7164175	1320310	9-68	3	305	20,220	3.59	725	19	18,397	3.69	679	12-72	42	826	-.04	23	53
23-06-0093	7296008	1320310	1-69	2	305	20,450	3.97	811	34	17,225	3.76	648	9-72	40	928	.00	33	65
23-06-0093	7533153	1526128	1-70	1	305	20,770	3.62	751	32	17,030	3.74	637	6-72	33	1,048	-.09	23	62
23-06-0109	6435212	1347940	8-65	6	296	18,403	3.69	679	14	14,406	3.66	527	3-73	44	946	.01	35	68
23-06-0118	6819125	1406271	11-66	4	295	24,010	3.32	796	29	17,045	3.70	631	2-72	44	1,273	-.03	41	86

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-06-0118	6869054	1347940	3-67	2	305	22,685	3.45	782	48	16,355	3.60	588	12-72	40	1,145	-.02	38	$ 78
23-06-0118	7059478	1406271	12-67	3	305	20,387	3.36	685	27	16,273	3.71	604	4-72	42	873	-.02	29	60
23-06-0118	7250289	1399824	1-69	2	305	22,095	3.58	792	56	15,710	3.69	580	10-72	40	985	.01	37	71
23-06-0118	7639438	1406271	7-70	1	305	21,140	3.42	722	32	17,500	3.51	614	1-73	36	712	.02	29	53
23-06-0118	7639442	1458744	5-70	1	305	22,340	4.04	903	35	17,510	3.52	616	12-72	36	828	.05	37	65
23-06-0118	7775950	1458744	8-70	1	305	22,040	3.26	745	51	16,200	3.64	590	10-72	36	943	-.05	26	60
23-06-0121	7009916	1347940	11-67	4	298	18,525	3.98	738	11	16,672	3.77	629	3-73	44	721	.04	32	56
23-06-0135	5480440	1189870	8-61	7	305	19,941	3.86	769	16	15,510	3.59	557	3-72	44	750	.06	36	61
23-06-0135	5993607	1189870	6-63	6	300	20,902	3.78	791	21	16,273	3.53	574	12-72	44	795	.05	37	63
23-06-0143	6632646	1347940	7-66	5	304	17,470	3.18	555	20	13,754	3.69	507	10-72	44	893	-.07	22	55
23-06-0143	7080932	1504265	6-68	2	305	19,110	4.07	778	23	13,700	3.70	507	1-72	25	661	.07	34	55
23-06-0145	6876888	1475837	9-67	3	305	18,857	3.41	643	34	13,343	3.57	477	11-72	29	750	-.03	23	50
23-06-0151	7039821	1320310	11-66	4	305	19,170	3.46	663	18	13,910	3.95	549	1-72	44	1,150	-.08	28	70
23-06-0153	6536471	1347940	12-65	5	291	19,688	3.14	618	16	16,488	3.71	612	7-72	44	897	-.09	19	52
23-06-0153	7004781	1347940	9-66	5	295	19,178	3.61	693	18	15,742	3.78	595	9-72	44	908	-.02	30	62
23-06-0153	7004786	1347940	10-67	3	301	20,953	3.88	812	10	16,940	3.67	622	5-72	42	967	.03	40	73
23-06-0155	6985217	1347940	10-67	3	297	17,910	3.76	674	16	15,580	3.93	612	3-72	42	742	-.01	25	51
23-06-0180	5184634	1189870	9-60	7	305	18,473	3.83	707	16	13,334	3.79	506	3-72	44	785	.03	33	60
23-06-0180	5859551	1399824	5-63	8	300	18,020	3.92	706	21	13,955	3.85	537	4-73	44	801	.04	35	62
23-06-0180	6936127	1347940	4-67	4	300	17,592	3.54	622	18	13,352	3.80	508	6-72	44	934	-.02	30	63
23-06-0180	6936132	1320310	7-67	3	305	18,317	3.36	616	18	14,343	3.95	567	3-72	42	980	-.10	20	57
23-06-0180	7203871	1347940	7-68	3	305	17,040	3.59	612	15	13,750	3.88	534	4-73	42	811	-.02	26	55
23-06-0180	7536820	1347940	1-69	2	305	17,145	3.64	624	13	14,840	3.62	537	12-72	40	706	.00	26	51
23-06-0180	7756069	1347940	8-70	1	305	18,270	3.47	634	25	13,660	3.55	485	9-72	36	827	.00	29	58
23-06-0183	7373397	1347940	8-69	1	291	19,490	3.64	709	12	15,220	3.95	601	9-72	36	825	-.02	27	56
23-06-0184	7245788	1320310	1-69	2	298	18,175	3.52	639	21	15,190	3.71	564	4-72	40	863	-.05	23	54
23-06-0187	7600685	1522595	7-68	3	291	18,270	3.39	620	15	14,803	3.55	525	3-73	33	758	-.02	24	51
23-06-0187	7600686	1522595	7-68	3	304	21,526	3.21	692	18	14,783	3.71	549	11-72	33	1,193	-.08	31	74
23-06-0189	7513810	1347940	12-69	2	305	21,360	3.91	836	20	15,465	3.89	601	11-72	40	1,083	.03	43	80
23-06-0193	6496942	1347940	2-66	5	301	18,410	3.86	711	9	14,606	3.72	543	7-72	44	926	.03	38	70
23-06-0193	6718788	1347940	10-66	4	303	17,162	3.53	606	18	13,007	3.74	486	10-72	44	915	-.02	30	62
23-06-0193	7239129	1415405	1-69	2	305	20,720	3.60	745	14	13,200	3.89	514	6-72	40	893	-.05	25	57
23-06-0195	7315521	1347940	1-69	2	305	16,005	3.74	599	6	13,135	3.76	494	4-72	40	729	.01	27	52
23-06-0209	7645756	1347940	5-70	1	305	20,530	3.18	652	13	13,050	3.26	425	5-72	36	1,032	-.02	34	70
23-06-0227	6462476	1309574	10-65	5	305	18,442	3.93	724	24	15,528	3.79	589	6-72	44	593	.07	32	51
23-06-0227	7012731	1347940	7-67	3	305	15,880	4.06	644	28	12,960	3.87	501	9-71	42	750	.03	32	57
23-06-0227	7472514	1320310	1-69	2	305	18,515	3.71	686	28	13,915	3.74	521	11-72	40	1,001	-.03	31	67
23-06-0227	8044790	1399824	4-71	1	305	19,110	3.88	741	17	15,210	3.55	540	3-73	36	635	.05	31	52
23-06-0239	6495721	1347940	10-65	6	305	19,353	3.33	644	19	15,856	3.66	580	3-73	44	919	-.05	26	59
23-06-0239	6583818	1347940	6-66	5	299	17,332	3.39	587	32	14,404	3.65	526	10-72	44	808	-.03	24	53
23-06-0239	7330920	1347940	1-69	2	305	17,765	3.36	597	36	14,950	3.67	548	7-72	40	760	-.03	23	50
23-06-0239	7330921	1320310	1-69	2	305	18,915	3.26	616	47	15,495	3.65	565	11-72	40	913	-.08	20	54
23-06-0246	6222902	1347940	11-64	5	304	19,790	3.54	700	22	17,384	3.77	655	2-72	44	817	-.03	25	54
23-06-0246	6243330	1347940	8-64	7	299	20,537	3.83	786	19	16,918	3.83	648	11-72	44	962	.02	37	70
23-06-0246	6253857	1347940	10-64	6	305	19,375	3.84	744	16	16,886	3.88	655	12-72	44	815	.01	31	59
23-06-0246	6309610	1347940	3-65	5	305	22,368	3.67	820	21	16,916	3.80	642	11-71	44	1,198	-.01	42	84
23-06-0246	6436695	1347940	12-65	5	305	19,446	3.77	734	19	16,860	3.80	640	7-72	44	827	.01	31	60
23-06-0246	6853520	1347940	7-67	4	305	20,590	4.01	825	18	18,670	3.80	710	2-73	44	779	.05	35	61
23-06-0246	6853522	1347940	7-67	3	303	22,626	3.16	715	19	17,926	3.80	682	11-71	42	1,069	-.09	24	64
23-06-0246	7095432	1504414	5-68	3	300	21,613	3.74	809	30	18,880	3.78	713	2-73	41	633	.05	31	52
23-06-0246	7194556	1347940	10-68	2	305	23,465	3.64	853	16	19,030	3.74	711	1-72	40	1,007	.00	36	71
23-06-0246	7194557	1347940	10-68	2	305	20,810	3.34	695	20	18,185	3.81	693	9-72	40	807	-.05	21	50
23-06-0246	7194560	1347940	10-68	2	305	23,650	3.67	869	16	18,270	3.82	698	3-72	40	1,088	-.01	38	76
23-06-0246	7194564	1427381	11-68	2	305	25,585	4.09	1047	23	18,770	3.78	709	4-72	40	1,443	.10	68	116
23-06-0246	7233681	1347940	9-68	3	305	19,260	3.71	715	20	17,470	3.90	682	10-72	42	724	-.01	24	50
23-06-0246	7355322	1347940	5-69	2	305	20,520	3.95	810	25	16,735	3.91	654	9-72	40	895	.02	36	67
23-06-0246	7355323	1347940	6-69	2	305	24,315	3.35	815	24	16,960	3.87	656	10-72	40	1,262	-.06	36	81
23-06-0246	7440445	1347940	9-69	2	305	19,255	3.59	692	25	16,735	3.91	654	9-72	40	766	-.02	24	51
23-06-0246	7440449	1347940	12-69	1	305	19,330	4.11	795	24	17,060	4.01	684	7-72	36	703	.02	29	53
23-06-0246	7440451	1427381	10-69	2	305	21,210	3.62	767	33	18,220	3.80	693	12-72	40	1,044	.02	41	77
23-06-0246	7440452	1427381	11-69	1	305	26,250	3.97	1041	35	18,010	3.80	684	12-71	36	1,375	.07	61	107
23-06-0246	7440455	1529833	11-69	1	305	25,390	3.92	996	37	17,380	3.90	678	8-72	19	814	.03	34	62
23-06-0246	7440456	1529833	11-69	1	305	24,340	4.24	1031	18	18,560	3.88	720	4-72	19	624	.08	34	54
23-06-0246	7573161	1347940	4-70	1	305	21,730	3.84	835	24	17,060	4.01	684	7-72	36	882	.00	32	63
23-06-0246	7573162	1347940	5-70	1	305	22,300	3.78	843	24	17,140	3.97	681	8-72	36	920	.00	33	65
23-06-0246	7702030	1320310	11-70	1	305	24,360	3.64	887	19	19,020	3.76	716	3-73	36	1,047	-.04	31	69
23-06-0246	7702041	1347940	10-70	1	305	21,760	3.50	761	22	17,570	3.96	695	10-72	36	854	-.03	26	57
23-06-0247	6589457	1347940	4-66	4	305	18,515	3.90	722	17	15,310	3.64	557	6-72	44	855	.04	37	66
23-06-0247	7059607	1347940	12-67	3	303	17,610	3.57	628	19	14,550	3.71	540	6-72	42	803	-.01	27	55
23-06-0247	7059609	1347940	3-68	3	304	18,440	3.30	609	11	15,570	3.58	557	11-72	42	804	-.04	23	52
23-06-0248	6323297	1347940	4-65	5	301	18,538	3.68	682	33	14,896	3.73	556	5-72	44	913	.00	33	65
23-06-0248	6905599	1347940	5-67	3	302	17,223	3.55	612	28	14,456	3.87	559	12-71	42	767	-.03	23	50
23-06-0248	6936074	1347940	8-67	4	291	17,365	3.79	658	31	14,782	3.82	564	1-73	44	765	.01	29	55
23-06-0248	7094849	1347940	3-68	3	302	17,096	3.83	654	22	14,183	3.91	554	7-72	42	777	.01	29	56
23-06-0248	7220923	1347940	8-68	2	305	19,250	4.05	780	30	14,440	3.88	560	2-72	40	952	.04	40	72
23-06-0248	7291744	1347940	2-69	3	279	16,870	3.76	635	31	14,680	3.88	569	1-73	42	705	.00	25	50
23-06-0251	6563122	1320310	1-66	4	300	15,780	3.87	610	13	13,070	3.83	501	6-72	44	814	-.02	26	55
23-06-0260	7294476	1427381	3-68	3	292	15,990	3.58	572	16	14,100	3.74	528	8-72	42	850	.02	34	63
23-06-0260	7294477	1427381	3-68	3	296	17,430	3.71	646	17	13,946	3.72	519	8-72	42	1,030	.04	43	78
23-06-0266	7157465	1347940	9-68	2	305	20,795	3.59	747	12	16,310	3.64	593	5-72	40	957	.00	34	67
23-06-0271	6391101	1347940	7-65	4	305	20,665	3.69	763	24	14,567	3.62	528	3-72	44	1,193	.02	46	87
23-06-0271	6707801	1303198	10-66	2	305	23,160	3.35	775	25	15,845	3.62	574	3-72	40	920	-.03	28	61
23-06-0271	6719123	1347940	1-67	3	305	20,386	3.27	667	24	14,956	3.56	532	1-72	42	1,084	-.04	32	71
23-06-0271	6953609	1347940	12-67	1	305	22,953	3.58	821	31	14,890	3.57	532	12-71	36	1,102	.00	40	78
23-06-0271	7126607	1347940	9-68	1	305	17,610	3.65	642	26	15,000	3.64	546	9-71	36	698	.01	26	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-06-0271	7381040	1387978	6-69	2	300	19,955	3.32	663	31	15,105	3.55	536	11-72		40	896	-.04	26	$ 58
23-06-0276	5109658	1157986	1-60	8	305	20,029	4.03	808	13	15,203	3.83	582	3-72		44	638	.05	30	51
23-06-0276	6404237	1330987	7-65	5	301	18,626	3.97	739	19	15,842	3.85	610	1-73		44	632	.07	33	53
23-06-0276	6617091	1347940	8-66	4	305	19,202	4.00	769	17	16,022	3.93	630	9-72		44	869	.03	36	66
23-06-0276	6889281	1347940	9-66	4	305	19,810	4.13	818	18	15,775	3.89	614	11-72		44	969	.06	44	76
23-06-0276	7177493	1347940	4-68	3	298	19,200	3.94	757	18	15,796	3.93	620	10-72		42	871	.02	34	64
23-06-0280	7589548	1387978	4-69	2	305	21,525	3.75	807	27	15,145	3.49	529	7-72		40	1,052	.03	42	78
23-06-0281	6885593	1337741	9-67	4	305	20,933	4.18	876	19	15,950	3.77	601	12-72		44	811	.09	43	69
23-06-0283	6599941	1347940	2-66	2	305	17,765	4.33	769	8	13,985	3.69	516	2-72		40	839	.08	43	70
23-06-0283	7140818	1347940	5-68	3	300	15,903	3.81	606	9	13,673	3.68	503	9-72		42	687	.02	28	51
23-06-0283	7178134	1347940	2-68	3	305	17,073	3.94	673	10	13,500	3.67	496	9-72		42	837	.04	36	64
23-06-0307	6718704	1347940	12-66	3	291	19,063	3.79	723	15	14,703	3.86	567	1-72		42	956	.00	35	68
23-06-0307	7060811	1347940	9-66	3	305	17,166	3.51	603	17	14,493	3.63	526	8-71		42	757	-.01	25	52
23-06-0307	7132031	1347940	4-68	3	295	16,906	3.68	622	14	14,476	3.83	555	3-73		42	728	-.01	25	51
23-06-0307	7366622	1427381	8-69	2	305	18,450	4.02	741	23	14,340	3.86	553	10-72		40	1,079	.07	50	86
23-06-0307	7647293	1427381	9-70	1	305	16,110	3.74	602	13	14,310	3.74	535	2-73		36	840	.04	37	65
23-06-0309	7035674	1347940	3-68	3	301	18,326	3.92	719	41	15,236	3.75	572	9-72		42	822	.03	34	62
23-06-0309	7090269	1522595	10-67	4	305	21,815	3.60	786	33	15,075	3.73	563	2-73		35	1,261	-.01	43	87
23-06-0309	7348156	1522595	9-67	3	305	19,846	3.84	763	28	15,050	3.75	564	8-72		33	941	.03	38	70
23-06-0309	7348158	1522595	10-68	2	305	20,380	3.62	737	25	15,565	3.66	570	3-72		30	892	.00	32	63
23-06-0309	7387504	1347940	4-69	1	305	23,150	3.64	843	18	16,500	3.75	619	1-73		36	1,021	.00	36	72
23-06-0309	7401065	1522595	10-67	3	305	19,803	3.99	791	33	14,710	3.70	545	3-72		33	972	.06	44	76
23-06-0309	7583253	1522595	9-68	2	305	21,090	3.75	791	30	15,270	3.71	567	2-72		30	1,003	.01	38	73
23-06-0309	7868107	1347940	8-69	2	305	19,330	3.73	721	24	15,390	3.77	580	1-73		40	883	.01	33	64
23-06-0309	7954675	1522595	9-70	1	305	19,900	3.71	739	26	15,430	3.73	576	7-72		25	737	.00	27	53
23-06-0314	7462312	1427381	8-69	2	302	16,455	3.76	618	33	14,480	3.68	533	8-72		40	865	.05	39	68
23-06-0320	7432841	1427615	9-69	2	305	19,650	3.80	747	28	16,065	3.60	578	1-73		40	832	-.06	21	51
23-06-0320	7432940	1427615	8-69	2	305	21,730	3.32	721	19	15,300	3.59	550	3-73		40	1,106	-.13	20	62
23-06-0324	6442436	1347940	6-65	5	294	16,266	3.75	610	17	13,958	3.80	531	12-71		44	716	.00	26	51
23-06-0324	7085472	1347940	3-67	3	305	16,046	4.51	723	16	14,153	3.87	548	10-72		42	659	.09	37	58
23-06-0324	7261428	1347940	2-69	2	305	17,325	3.84	665	17	14,115	3.76	531	7-72		40	783	.02	31	58
23-06-0330	4945363	1189679	10-59	1	305	21,770	3.38	736	26	14,760	3.75	554	11-72		36	939	-.06	24	58
23-06-0330	6211802	1399824	12-64	5	286	21,116	3.35	708	22	16,948	3.68	623	1-73		44	892	-.03	27	59
23-06-0338	6096452	1370904	3-62	3	305	22,250	3.77	838	14	14,237	3.95	562	1-73		41	764	.00	27	54
23-06-0338	6239929	010276748	6-64	3	305	19,017	3.99	758	13	14,020	3.85	540	6-72		29	695	.05	32	55
23-06-0338	7060332	1337741	8-67	2	305	19,725	3.70	729	25	14,065	3.91	550	12-72		40	736	.00	26	52
23-06-0341	6673689	1399824	11-66	4	300	21,598	3.48	752	13	18,338	3.75	688	11-72		44	792	-.02	25	53
23-06-0341	7428119	1320310	6-69	2	302	23,075	3.45	796	22	17,725	3.71	657	6-72		40	1,154	-.07	31	73
23-06-0342	7372419	1347940	4-69	2	305	17,015	3.16	537	18	13,555	3.23	438	9-72		40	797	-.02	26	54
23-06-0346	7376986	1427615	8-69	2	305	21,935	3.06	672	7	15,800	3.43	542	9-72		40	1,086	-.15	16	58
23-06-0349	6913258	1347940	9-67	2	305	16,985	3.64	619	18	14,680	3.75	550	2-72		40	703	.00	25	50
23-06-0349	7456465	1427381	10-69	1	305	18,900	3.80	719	20	14,190	3.85	547	12-71		36	1,055	.05	45	81
23-06-0349	7456466	1427381	10-69	1	297	15,460	3.92	606	18	13,860	3.86	535	1-72		36	818	.05	37	64
23-06-0350	6954524	1347940	8-67	3	297	18,506	3.37	624	8	15,183	3.60	547	3-72		42	847	-.03	26	56
23-06-0351	6741560	1470757	11-66	4	305	22,507	3.41	768	8	16,697	3.44	574	3-72		43	893	-.07	21	54
23-06-0351	6771966	1340669	12-66	4	302	24,318	3.05	742	8	16,953	3.65	618	1-72		44	1,167	-.16	16	61
23-06-0351	6884651	1425137	7-67	4	305	22,233	3.22	716	7	14,933	3.82	570	10-72		44	939	-.09	19	54
23-06-0354	6980723	1347940	12-66	4	305	17,507	3.67	643	25	14,085	3.56	502	10-72		44	851	.02	33	62
23-06-0354	7645106	1347940	12-68	2	305	17,940	3.34	599	26	14,650	3.56	521	10-72		40	802	-.02	25	54
23-06-0371	5794617	1189870	11-62	8	302	18,414	4.11	756	10	15,020	3.68	553	12-72		44	603	.08	34	53
23-06-0376	6628771	1347940	6-66	1	305	19,180	4.13	793	8	14,820	3.84	569	8-72		36	826	.04	36	64
23-06-0379	6535346	1347940	1-66	4	305	18,342	3.60	660	31	15,255	3.55	541	3-73		44	839	.01	31	60
23-06-0379	6886237	1347940	9-67	1	305	16,460	3.94	648	49	13,400	3.60	482	5-72		36	708	.03	30	54
23-06-0379	6886242	1492715	8-67	1	305	20,820	3.32	691	65	13,220	3.68	487	6-72		23	829	-.06	20	50
23-06-0379	7036321	1492715	3-68	1	305	21,850	3.34	730	54	13,220	3.66	484	5-72		23	922	-.07	23	57
23-06-0379	7133622	1347940	6-68	1	294	16,660	3.49	581	76	12,800	3.75	480	9-72		36	758	-.01	25	52
23-06-0379	7221696	1347940	9-68	1	300	16,170	3.69	596	59	13,400	3.63	486	6-72		36	686	.01	26	50
23-06-0379	7221697	1347940	10-68	1	305	17,890	3.93	703	87	13,170	3.70	487	8-72		36	828	.03	34	62
23-06-0379	7336862	1347940	3-69	1	305	16,910	3.84	649	87	13,170	3.70	487	8-72		36	755	.02	30	56
23-06-0379	7375356	1417208	7-69	1	305	18,470	3.63	671	98	13,260	3.70	491	8-72		36	720	.00	26	51
23-06-0379	7643966	1489981	8-70	1	305	19,800	3.89	770	42	14,290	3.58	511	2-73		35	551	.12	38	54
23-06-0379	7643974	1347940	9-70	1	305	19,320	3.72	719	67	13,140	3.72	489	10-72		36	936	.01	35	67
23-06-0380	6758522	1347940	7-66	1	305	23,830	4.03	960	15	15,730	3.91	615	11-72		36	1,118	.03	45	83
23-06-0380	6758523	1347940	9-66	1	305	19,900	3.44	684	7	14,850	3.52	522	2-72		36	877	-.01	30	61
23-06-0380	7536682	1347940	12-69	2	304	21,115	3.83	809	7	15,905	3.58	570	2-73		40	1,023	.04	43	78
23-06-0380	7536683	1347940	1-70	1	297	18,550	3.80	704	8	15,010	3.62	544	3-72		36	767	.02	31	57
23-06-7096	6928248	1347940	6-67	1	305	15,370	4.66	717	7	12,500	3.48	435	5-72		36	680	.09	38	60
23-06-7096	6928249	1347940	8-67	2	305	15,725	3.85	605	13	11,875	3.67	436	3-73		40	803	.03	33	60
23-07-0017	6509610	1399824	1-66	5	302	17,550	4.29	753	14	15,094	3.78	570	7-72		44	623	.10	38	57
23-07-0024	7408044	1320310	7-69	2	305	19,460	3.48	677	26	14,760	3.78	558	10-72		40	1,028	-.06	27	64
23-07-0025	6503353	1399824	3-66	4	305	18,915	3.82	722	8	15,458	3.67	568	4-72		44	745	.05	34	59
23-07-0033	6760812	1402118	1-67	4	305	22,578	3.24	732	20	17,100	3.65	625	7-72		43	891	-.09	18	51
23-07-0033	7263172	1427615	1-69	2	305	23,245	3.01	700	19	17,045	3.88	662	2-72		40	1,118	-.20	9	53
23-07-0049	6598971	1431052	9-64	5	300	21,098	3.48	734	14	15,614	3.74	584	2-72		32	901	-.04	26	58
23-07-0049	7189892	1399824	1-66	4	301	19,883	3.40	676	12	16,385	3.63	595	6-72		44	773	-.02	25	52
23-07-0050	5993049	1300014	12-62	7	304	24,347	3.22	785	5	17,889	3.60	644	2-72		44	1,149	-.12	22	65
23-07-0057	7613046	1347940	9-69	1	305	20,360	3.66	746	16	14,280	3.80	542	4-72		36	946	.00	34	67
23-07-0058	7250263	1387978	1-69	2	305	17,250	4.20	724	43	13,950	4.07	568	9-72		40	716	.03	30	54
23-07-0082	7281422	1427615	10-68	3	305	20,843	3.43	714	19	14,907	3.71	553	11-72		42	1,113	-.11	22	6[illegible]
23-07-0084	6562129	1235822	7-65	6	295	22,832	3.24	740	10	16,450	3.69	607	10-72		44	984	-.06	26	6[illegible]
23-07-0085	6969241	1427615	6-67	3	305	23,237	3.06	712	29	16,033	3.71	595	10-72		42	1,285	-.18	17	6[illegible]
23-07-0085	7212006	1276654	7-68	3	305	22,623	4.07	921	18	18,980	3.81	723	4-73		42	637	.05	31	5[illegible]
23-07-0085	7355530	1239242	8-68	3	305	23,080	3.10	715	24	15,960	3.69	589	4-73		42	995	-.10	20	5[illegible]
23-07-0085	7355533	1427381	2-69	2	305	18,950	3.68	698	29	15,625	3.69	577	3-73		40	1,025	.04	43	78
23-07-0091	6508219	1464508	10-65	5	302	21,984	3.61	794	8	17,630	3.69	650	4-72		42	743	-.01	25	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT	D (%)	C D W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-07-0091	6995998	1261857	12-67	4	301	21,025	3.68	773	11	18,305	3.73	682	12-72	44		725	.05	33	$ 57
23-07-0091	7527727	1347940	3-70	1	305	19,770	3.76	744	9	17,500	3.54	619	5-72	36		710	.02	29	53
23-07-0091	7527728	1387978	4-69	2	303	20,635	3.75	774	10	17,955	3.57	641	5-72	40		734	.02	29	54
23-07-0091	7578838	1347940	5-70	1	305	19,640	3.99	784	16	16,210	3.75	608	9-72	36		777	.03	33	59
23-07-0099	6222535	1189870	9-63	3	305	21,030	4.09	861	33	17,607	3.78	666	8-72	42		624	.08	34	54
23-07-0099	7240615	1347940	3-67	4	290	20,130	3.65	735	50	17,815	3.69	657	9-72	44		807	.00	29	57
23-07-0099	7483532	1406271	10-69	2	305	20,025	3.78	757	38	17,020	3.83	652	3-73	40		728	.04	32	56
23-07-0099	7707944	1427381	12-69	1	305	20,180	4.00	808	38	17,870	3.86	689	5-72	36		931	.06	43	74
23-07-0099	7707950	1441440	12-69	1	305	24,720	3.78	934	34	17,920	3.81	683	5-72	36		882	.03	37	67
23-07-0107	6627588	1261857	9-66	5	298	17,974	3.81	685	24	15,160	3.65	553	11-72	44		671	.08	36	57
23-07-0108	6258547	1427615	7-64	6	304	18,883	3.34	631	24	14,078	3.77	531	10-72	44		1,015	-.14	15	54
23-07-0113	7367564	1427615	7-69	2	305	20,900	3.58	748	8	14,880	3.62	538	7-72	40		1,056	-.09	24	63
23-07-0119	5766337	1259069	1-63	6	305	20,875	3.94	822	28	16,937	3.71	628	5-72	44		688	.03	29	52
23-07-0119	6390813	1179372	9-65	5	305	22,174	3.23	717	26	16,532	3.76	622	6-72	44		957	-.07	23	58
23-07-0119	6390814	1179372	9-65	5	305	21,436	3.58	768	29	17,114	3.73	639	3-72	44		802	-.01	28	56
23-07-0119	7641598	1441440	8-70	1	305	22,760	3.62	823	29	15,830	3.78	598	8-72	36		861	.02	34	64
23-07-0121	5490330	1189870	9-61	8	302	20,445	3.75	766	15	15,906	3.80	605	4-73	44		774	.01	30	57
23-07-0121	6893039	1237057	7-67	4	304	22,477	3.42	768	33	17,075	3.63	620	10-72	44		913	-.07	22	56
23-07-0121	7141274	1314767	4-68	3	298	19,976	4.28	855	25	16,070	3.68	591	5-72	42		590	.12	39	57
23-07-0121	7141285	1399824	9-68	2	305	20,240	3.97	804	19	17,340	3.64	632	3-72	40		665	.07	34	56
23-07-0121	7422474	1399824	8-69	2	305	21,630	3.48	752	19	17,820	3.53	629	3-73	40		767	.01	29	56
23-07-0121	7422476	1399824	9-69	2	305	25,175	3.25	817	20	18,745	3.45	647	12-72	40		1,052	-.02	34	71
23-07-0121	7696150	1399824	10-70	1	305	23,640	3.54	837	14	19,100	3.55	678	12-72	36		741	.02	29	54
23-07-0124	5499965	1225853	2-60	9	305	23,293	4.41	1028	21	15,631	3.86	604	1-72	44		1,052	.18	66	98
23-07-0124	6042735	1189870	12-63	2	303	19,970	4.39	877	21	16,150	3.76	607	3-73	40		586	.10	37	55
23-07-0124	7097720	1492073	2-68	3	305	20,983	5.04	1058	22	16,417	3.83	628	7-72	42		647	.19	53	71
23-07-0124	7097721	1512840	2-68	3	305	18,846	4.24	800	29	15,486	3.82	592	7-72	32		580	.09	35	53
23-07-0124	7150822	1512840	9-68	3	305	19,090	3.92	749	16	15,380	3.75	576	12-72	32		624	.04	29	50
23-07-0124	7440067	1427381	6-69	2	305	18,950	3.56	675	32	15,840	3.81	603	7-72	40		1,008	.02	39	74
23-07-0124	7560387	1399824	10-69	2	305	20,450	3.70	756	21	16,380	3.74	613	11-72	40		764	.02	31	57
23-07-0126	7185755	1427615	11-68	3	305	21,677	3.01	653	14	16,550	3.66	605	2-73	42		1,058	-.18	10	51
23-07-0126	7196004	1427615	12-68	3	291	21,987	2.99	658	23	16,307	3.64	593	11-72	42		1,116	-.19	11	55
23-07-0126	7453648	1309574	9-69	2	305	21,140	3.39	716	26	15,425	3.57	551	9-72	40		804	.01	31	59
23-07-0126	7758018	1441440	10-70	1	305	21,870	3.78	827	37	16,690	3.73	623	10-72	36		743	.04	33	58
23-07-0133	6659471	1441440	9-66	2	305	18,210	4.09	745	11	14,395	3.95	569	9-71	40		689	.06	34	57
23-07-0133	6917754	1320310	6-67	2	305	17,305	3.94	681	11	13,645	3.89	531	1-72	40		900	-.02	30	62
23-07-0137	6422361	1441440	12-65	6	299	16,366	3.93	643	9	13,028	3.92	511	12-72	44		675	.04	31	53
23-07-0137	7224149	1427615	11-68	2	305	20,185	3.36	678	12	14,320	3.73	534	5-72	40		1,028	-.13	17	56
23-07-0140	6619603	1347940	9-65	3	302	20,046	3.47	696	6	18,360	3.59	660	4-73	42		732	-.02	24	50
23-07-0140	7565042	1441440	2-70	1	302	26,670	3.30	880	6	18,600	3.63	676	2-73	36		987	-.02	33	68
23-07-0140	7850240	1441440	12-70	1	305	22,130	3.73	826	14	18,910	3.47	657	11-72	36		630	.05	30	51
23-07-0148	5951987	1199324	10-63	7	303	18,769	4.14	777	20	15,409	3.79	584	11-72	44		876	.05	40	69
23-07-0148	6917670	1402118	9-67	3	305	19,957	4.25	849	23	16,100	3.81	614	7-72	42		635	.06	32	53
23-07-0148	7226491	1427615	7-68	2	305	21,855	3.55	775	18	16,970	3.84	651	2-72	40		983	-.12	17	54
23-07-0148	7226492	1427615	9-68	3	305	21,093	3.81	803	8	17,837	3.91	698	4-73	42		873	-.09	18	51
23-07-0148	7247284	1427615	3-68	3	305	21,817	3.62	790	18	17,330	3.84	665	10-72	42		1,003	-.10	20	58
23-07-0148	7740251	1441440	1-71	1	305	24,860	3.43	853	16	19,170	3.68	705	2-73	36		818	.00	30	58
23-07-0150	7636473	1427615	10-69	1	305	19,840	3.44	682	6	12,190	3.82	466	5-72	36		1,001	-.12	18	56
23-07-0154	6649757	1473814	8-66	4	305	20,785	3.59	747	11	15,847	3.81	604	3-72	40		790	-.04	22	51
23-07-0154	6653127	1309574	10-66	4	305	22,453	3.63	814	21	19,033	3.68	701	1-72	44		728	.04	32	56
23-07-0154	6771384	1261857	1-67	4	296	16,788	4.72	793	13	14,975	3.83	573	6-72	44		531	.18	47	61
23-07-0154	7332426	1309574	3-69	2	305	24,785	2.90	719	13	15,160	3.79	575	8-72	40		1,196	-.09	29	73
23-07-0154	7442923	1309574	9-69	2	305	20,730	3.74	775	17	16,080	3.74	602	10-72	40		709	.05	33	57
23-07-0154	7480340	1393031	12-69	1	305	25,460	3.33	847	21	16,910	3.70	626	2-72	36		942	-.11	16	52
23-07-0154	7835670	1447414	7-70	1	305	16,960	3.80	644	20	13,830	3.87	535	8-72	36		828	-.02	26	55
23-07-0157	7035941	1347940	3-68	2	305	18,750	3.77	706	24	13,565	3.74	508	9-71	40		973	.01	37	71
23-07-0165	7769048	1458744	8-70	1	305	22,570	3.62	817	16	17,540	4.03	706	11-72	36		843	-.03	25	55
23-07-0178	7573115	1427615	8-69	2	305	20,725	3.53	731	13	16,395	3.68	603	8-72	40		915	-.10	17	51
23-07-0179	7466138	1427381	8-69	1	305	16,390	3.33	545	25	13,490	3.58	483	6-72	36		909	.02	36	67
23-07-0183	6889734	1427615	6-67	3	304	22,637	2.86	647	26	16,020	3.49	559	8-72	42		1,217	-.19	13	60
23-07-0183	7192355	1427615	9-68	2	305	22,475	3.31	745	23	16,690	3.44	574	10-72	40		1,068	-.11	21	61
23-07-0183	7403749	1320310	3-69	2	305	26,285	2.78	731	23	16,055	3.44	553	5-72	40		1,616	-.15	33	93
23-07-0183	7497565	1522706	8-69	2	300	26,430	2.61	689	15	16,960	3.49	592	11-72	29		1,254	-.21	11	60
23-07-0187	7422046	1441440	10-69	1	305	20,020	3.91	782	14	16,070	3.71	597	10-71	36		642	.05	31	52
23-07-0190	7581602	1347940	1-70	1	305	18,020	3.86	695	19	15,750	3.59	565	1-73	36		684	.03	29	52
23-07-0200	5931934	1399263	12-63	3	305	22,880	3.39	775	9	13,780	3.57	492	12-72	42		1,159	-.05	33	75
23-07-0203	6415610	1347940	11-65	6	290	18,485	3.85	712	8	15,521	3.81	591	7-72	44		841	.02	33	62
23-07-0203	7897690	1560939	9-69	2	297	20,915	3.64	761	13	16,210	3.74	606	10-72	29		785	-.02	25	53
23-07-0203	7910788	1447414	8-70	1	302	18,680	4.29	801	24	16,830	3.68	620	10-72	36		778	.03	32	58
23-07-0204	6806203	1330987	2-67	3	302	17,940	4.15	744	13	14,516	3.59	521	8-71	42		642	.11	40	60
23-07-0204	7274686	1347940	2-69	2	305	19,640	3.78	743	15	14,945	3.67	548	10-72	40		951	.02	38	71
23-07-0204	7642528	1427381	3-70	1	304	17,970	3.40	611	17	15,000	3.69	553	7-72	36		937	.02	37	69
23-07-0211	6829670	1402118	4-67	3	305	23,810	3.61	859	12	18,660	3.90	727	5-72	42		845	-.05	22	53
23-07-0211	7164656	1427615	4-68	3	305	22,563	3.73	841	17	16,927	3.85	652	10-72	42		1,125	-.09	27	68
23-07-0211	7477283	1427615	5-69	2	305	23,225	3.53	820	20	18,045	3.97	717	8-72	40		1,035	-.13	17	56
23-07-0211	7477291	1427615	8-69	2	305	22,250	3.83	853	14	18,105	3.90	707	11-72	40		931	-.08	21	55
23-07-0215	7194127	1347940	2-68	2	305	18,520	3.56	659	16	13,360	3.85	514	10-71	40		966	-.02	32	66
23-07-0215	7557979	1387978	7-69	2	305	17,895	3.76	672	14	14,505	3.72	540	2-73	40		736	.00	27	53
23-07-0217	7020905	1320310	2-68	2	305	17,045	3.59	612	8	14,450	3.70	535	7-72	40		808	-.05	22	51
23-07-0217	7468234	1441440	1-70	1	305	17,960	3.84	690	11	13,210	3.81	503	6-72	36		659	.03	29	51
23-07-0218	6926377	1347940	6-67	2	305	20,945	3.49	731	7	13,420	3.80	510	11-72	40		1,207	-.03	39	82
23-07-0233	6810070	1347940	12-66	4	297	19,440	3.86	751	13	15,157	3.76	570	8-72	44		984	.03	40	74
23-07-0233	6939899	1347940	12-67	3	293	21,410	3.15	675	12	16,186	3.87	627	6-72	42		1,089	-.10	24	64
23-07-0233	7237270	1512026	1-69	3	295	18,643	3.69	688	19	16,260	3.68	599	2-73	41		732	-.01	25	51
23-08-0001	6597047	1347940	9-65	6	299	16,780	3.72	624	32	13,221	3.71	490	2-73	44		859	.01	32	62

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	D	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-08-0001	6889545	1347940	1-67	4	305	15,982	4.42	707	31	13,200	3.69	487	12-72		44		750	.10	43	$ 67
23-08-0006	6746742	1347940	2-67	1	282	18,960	3.41	646	25	15,010	3.63	545	1-73		36		798	-.02	26	54
23-08-0006	7177261	1347940	10-68	3	298	17,666	3.53	624	28	14,423	3.66	528	11-72		42		821	-.01	28	57
23-08-0006	7224222	1347940	9-68	3	305	17,760	3.36	597	17	14,160	3.62	512	3-73		42		856	-.03	26	57
23-08-0006	7377506	1320310	7-69	2	282	18,560	3.17	589	28	14,630	3.68	538	10-72	H	40		947	-.09	20	55
23-08-0006	7392006	1320310	7-69	2	303	18,710	3.57	668	25	14,225	3.68	524	10-72		40		995	-.04	29	65
23-08-0008	6487518	1347940	12-65	6	296	18,408	3.60	663	18	16,665	3.65	608	3-73		44		713	.00	25	50
23-08-0008	6648425	1347940	9-66	4	293	21,342	3.19	681	31	16,292	3.71	604	2-72		44		1,107	-.08	28	68
23-08-0008	6790563	1413165	4-67	1	305	22,480	4.21	947	36	16,870	3.80	641	1-72		36		789	-.03	23	51
23-08-0034	5773199	1244845	3-63	4	305	21,140	3.78	799	24	16,293	3.77	614	6-72		44		830	-.01	28	57
23-08-0034	6447029	1465867	8-65	4	305	19,640	4.12	809	29	16,020	3.82	612	2-73		37		565	.08	33	51
23-08-0034	7310837	1427381	1-69	2	305	23,725	3.61	856	32	17,010	3.79	644	2-72		40		1,397	.02	54	102
23-08-0034	7592854	1537759	3-70	1	305	23,400	3.82	894	21	16,810	3.79	637	6-72		23		810	.03	33	61
23-08-0034	7755313	010287171	3-67	2	305	23,210	3.37	782	28	17,530	3.75	658	4-72		39		945	-.10	19	54
23-08-0038	6604027	1347940	6-66	4	305	15,912	4.03	641	59	13,985	3.70	518	12-72		44		664	.05	31	53
23-08-0038	6763615	1347940	7-66	4	301	16,955	3.56	603	54	13,965	3.77	526	12-72		44		795	-.02	26	54
23-08-0038	6763617	1347940	8-66	4	305	15,512	4.09	634	56	13,912	3.72	517	12-72		44		622	.06	31	51
23-08-0038	6776681	1347940	1-67	3	305	17,340	3.69	640	49	13,860	3.72	516	10-72		42		835	.00	30	59
23-08-0038	6948107	1347940	11-67	3	305	17,326	3.61	626	51	13,993	3.62	506	11-72		42		821	.00	30	59
23-08-0038	7049978	1347940	3-68	3	304	20,170	3.50	705	47	14,173	3.77	534	11-72		42		1,132	-.03	36	76
23-08-0039	6503955	1207770	3-66	5	305	21,934	3.30	723	16	15,186	3.63	551	7-72		44		806	-.05	21	50
23-08-0039	6740383	1347940	8-66	4	304	20,145	3.36	676	17	15,590	3.70	577	1-73		44		1,028	-.04	30	67
23-08-0039	6765889	1347940	10-66	4	300	18,867	3.85	727	17	16,195	3.68	596	2-72		44		811	.03	34	61
23-08-0039	6829698	1347940	3-67	4	302	21,085	3.35	706	12	15,962	3.58	571	4-73		44		1,108	-.04	34	74
23-08-0039	7023600	1347940	10-67	3	298	17,980	3.68	661	18	15,723	3.73	586	6-72		42		737	.00	26	52
23-08-0039	7234107	1347940	9-68	3	302	18,320	3.65	668	12	16,510	3.60	594	4-73		42		704	.00	26	50
23-08-0039	7562838	1347940	8-69	2	305	23,020	3.10	713	14	15,735	3.71	584	10-72		40		1,230	-.08	32	77
23-08-0039	7593743	1347940	2-70	1	305	20,980	3.70	776	20	15,600	3.77	588	6-72		36		913	.00	33	65
23-08-0041	6947495	1347940	1-68	3	305	15,440	3.76	580	8	12,120	3.66	443	8-72		42		777	.01	30	57
23-08-0044	6462773	1347940	10-65	5	305	18,722	3.71	695	43	14,166	3.83	542	2-73		44		1,012	.00	36	71
23-08-0044	6462775	1347940	1-66	3	305	19,533	3.91	763	47	14,573	3.86	563	12-71		42		1,022	.02	40	75
23-08-0044	7017418	1347940	1-68	2	305	18,455	3.39	626	33	13,880	3.85	534	2-72		40		917	-.04	27	60
23-08-0044	7544549	1347940	9-69	2	300	17,700	3.37	596	53	13,410	3.84	515	11-72		40		879	-.04	25	57
23-08-0062	7149386	1347940	10-67	1	305	18,850	4.22	796	8	14,490	3.73	540	11-72		36		821	.05	38	65
23-08-0087	7001998	1347940	4-67	4	294	18,137	4.00	725	18	15,972	3.72	594	2-73		44		742	.05	34	59
23-08-0087	7002000	1347940	8-67	3	305	20,430	3.31	677	37	15,640	3.74	585	8-72		42		1,027	-.06	28	65
23-08-0089	7800748	1427381	9-69	2	305	17,395	3.92	682	14	14,090	3.65	514	3-73		40		992	.07	47	80
23-08-0104	7151291	1377954	2-67	4	302	19,740	3.45	681	26	15,720	3.70	581	7-72		44		848	-.02	27	57
23-08-0124	6781506	1347940	12-66	4	294	22,052	3.44	759	14	17,452	3.84	671	3-72		44		1,080	-.05	31	70
23-08-0124	6795023	1467405	5-67	4	303	23,953	3.45	826	19	18,293	3.82	699	11-72		43		876	-.04	26	57
23-08-0124	6993345	1347940	8-67	3	305	23,993	3.63	872	13	16,903	3.93	664	5-72		42		1,320	-.02	44	91
23-08-0124	7132555	1504414	8-68	3	294	19,063	4.47	852	21	17,110	3.95	676	1-73		41		498	.15	40	54
23-08-0135	6572298	1347940	3-66	5	305	18,906	3.91	740	19	15,482	3.69	572	8-72		44		900	.04	39	69
23-08-0135	7006924	1347940	11-67	4	305	19,485	3.27	638	34	15,637	3.66	572	4-73		44		942	-.05	26	60
23-08-0137	6729450	1347940	12-66	3	305	21,540	3.66	788	24	16,523	3.78	624	10-71		42		1,073	.00	38	75
23-08-0137	6729451	1347940	2-67	4	299	21,100	3.12	658	22	15,792	3.80	600	9-72		44		1,126	-.10	25	67
23-08-0138	6660460	1347940	12-66	4	292	18,135	3.45	626	15	15,717	3.68	579	9-72		44		767	-.02	24	51
23-08-0138	6775507	1347940	12-66	4	293	17,900	3.70	663	15	15,492	3.69	572	10-72		44		761	.01	29	55
23-08-0138	6888079	1347940	8-67	4	305	18,317	4.18	765	23	15,457	3.76	581	1-73		44		816	.07	40	67
23-08-0138	7425271	1347940	12-69	2	285	18,705	3.77	706	25	14,445	3.81	551	2-73		40		897	.01	34	65
23-08-0138	7446645	1347940	10-69	2	305	18,245	3.85	702	21	14,455	3.74	540	1-73		40		849	.02	34	63
23-08-0139	6736399	1347940	9-66	4	305	19,135	3.78	724	22	17,187	3.75	644	4-72		44		746	.01	29	55
23-08-0139	7104148	1347940	11-67	2	305	23,060	3.39	782	20	17,090	3.80	649	9-71		40		1,124	-.05	33	73
23-08-0139	7240616	1347940	9-68	3	300	22,063	3.60	794	19	17,200	3.71	638	2-73		42		1,071	-.01	37	75
23-08-0139	7663177	1347940	11-68	2	305	21,065	3.67	773	17	17,235	3.78	652	4-72		40		910	.00	32	64
23-08-0139	7702120	1347940	2-69	2	305	22,375	3.33	746	17	17,145	3.79	650	6-72		40		1,050	-.05	30	68
23-08-0139	7702124	1347940	7-69	2	290	19,840	3.48	690	21	17,080	3.68	629	12-72		40		798	-.02	26	54
23-08-0139	7711821	1347940	10-70	1	305	19,840	4.18	829	25	16,560	3.64	603	12-72		36		771	.05	36	62
23-08-0139	7711827	1347940	11-69	2	296	25,005	3.32	830	21	17,270	3.71	641	11-72		40		1,307	-.05	39	86
23-08-0139	7711828	1347940	12-69	2	305	19,185	3.85	738	17	16,330	3.75	613	3-73		40		792	.02	32	59
23-08-0140	7047317	1347940	12-67	2	305	16,245	3.79	616	22	12,330	3.91	482	6-72		40		819	.00	30	58
23-08-0140	7047320	1471956	12-67	3	305	17,320	3.62	627	41	12,876	3.90	502	11-72		41		798	-.03	24	53
23-08-0140	7410632	1347940	3-69	2	305	16,720	3.93	657	39	12,710	3.91	497	9-72		40		836	.02	33	62
23-08-0140	7685449	1347940	11-69	2	305	15,015	4.61	692	42	12,635	3.91	494	11-72		40		669	.08	37	58
23-08-0143	5545671	1306477	10-61	7	305	22,196	3.44	764	19	15,617	3.85	602	10-72		44		925	-.09	19	54
23-08-0143	7390826	1347940	3-69	2	305	17,755	3.70	657	18	14,450	3.79	547	8-72		40		800	.00	29	57
23-08-0143	7516106	010275932	9-69	2	305	20,905	3.79	793	14	14,890	3.65	543	2-73		40		730	.04	33	57
23-08-0144	6457082	1347940	8-65	5	302	17,908	3.91	700	34	13,842	4.03	558	12-71		44		940	.01	35	68
23-08-0146	6745380	1347940	8-66	5	299	18,832	3.56	670	18	15,538	3.75	583	2-73		44		884	-.02	29	60
23-08-0146	6790158	1347940	9-66	4	297	17,615	3.74	659	14	15,295	3.65	559	3-73		44		745	.02	30	55
23-08-0146	7040806	1347940	11-67	3	297	20,593	3.39	699	16	15,940	3.64	581	6-72		42		1,018	-.04	31	67
23-08-0147	6875719	1347940	6-67	4	289	16,792	4.08	685	17	14,962	3.73	558	3-73		44		676	.06	33	55
23-08-0147	6974989	1347940	1-67	3	305	17,593	3.60	633	23	14,396	3.70	532	12-72		42		815	-.01	28	57
23-08-0147	6976457	1347940	12-67	1	305	16,510	3.89	642	14	14,250	3.65	520	3-73		36		661	.02	27	50
23-08-0147	7775501	1347940	12-69	1	305	18,920	3.36	635	21	13,640	3.70	505	2-73		36		877	-.02	28	59
23-08-0149	7291278	1347940	3-69	2	305	15,835	3.96	627	13	13,175	3.69	486	11-72		40		708	.04	31	55
23-08-0152	6533292	1347940	12-65	4	298	19,472	3.41	664	26	14,480	3.62	524	12-71		44		1,055	-.03	34	71
23-08-0152	6533293	1347940	1-66	5	303	19,128	3.80	726	16	14,802	3.68	544	4-73		44		998	.03	40	74
23-08-0152	7058101	1347940	3-67	4	305	16,685	4.04	674	17	14,710	3.70	544	4-73		44		688	.05	33	56
23-08-0152	7058102	1347940	7-67	4	305	18,140	3.73	677	26	14,577	3.72	542	3-73		44		881	.01	33	63
23-08-0152	7058103	1347940	7-67	4	302	18,455	3.39	625	28	14,440	3.73	538	2-73		44		933	-.04	27	61
23-08-0152	7293017	1347940	11-67	3	299	17,943	3.53	633	24	14,053	3.75	527	11-72		42		887	-.02	29	60
23-08-0152	7293019	1347940	2-68	3	305	19,563	3.48	681	21	13,843	3.74	518	10-72		42		1,092	-.03	35	74
23-08-0153	7093149	1347940	1-67	4	305	17,500	3.91	684	16	14,247	3.74	533	4-73		44		834	.03	35	63
23-08-0153	7268282	1347940	9-68	3	271	17,086	3.83	654	15	14,186	3.73	529	11-72		42		776	.02	31	58

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-08-0153	7268284	1347940	10-68	3	296	18,533	3.50	648	16	13,716	3.72	510	12-72		42	985	-.02	32	$ 67
23-08-0157	6703280	1347940	1-67	4	305	18,720	4.18	783	19	14,530	3.79	550	12-72		44	957	.07	46	77
23-08-0157	7113817	1347940	10-67	3	305	19,843	3.47	689	20	14,843	3.78	561	4-72		42	1,032	-.03	32	69
23-08-0157	7665919	1347940	11-68	2	305	16,870	3.88	654	20	14,840	3.79	563	5-72		40	678	.02	27	50
23-08-0157	7900522	1347940	9-69	2	217	19,950	3.69	736	15	14,735	3.75	552	4-73	B	40	999	.01	37	72
23-08-0157	8116280	1541402	5-69	2	305	18,940	4.09	774	15	14,495	3.75	543	11-72		28	587	.07	32	51
23-08-0163	6447367	1413353	10-65	5	297	21,128	3.43	724	28	16,212	3.77	612	8-72		36	852	-.06	21	52
23-08-0163	6615837	1347940	8-65	6	304	19,620	3.28	643	32	16,391	3.77	618	12-72		44	898	-.07	22	55
23-08-0163	6730013	1347940	8-66	5	297	19,186	3.63	696	30	15,830	3.87	612	8-72		44	900	-.02	29	61
23-08-0163	6730018	1347940	1-67	4	301	21,570	3.54	764	30	16,030	3.82	613	4-72		44	1,161	-.03	37	78
23-08-0163	6739942	1347940	3-66	5	300	18,954	3.99	757	21	15,936	3.77	600	8-72		44	859	.05	38	67
23-08-0163	6925785	1347940	11-66	4	296	20,442	4.05	828	31	16,522	3.81	630	11-71		44	973	.05	43	76
23-08-0163	7159136	1347940	10-66	4	305	20,277	3.78	766	32	15,675	3.85	604	7-72		44	1,036	.00	38	74
23-08-0163	7888081	1347940	10-69	1	305	19,590	3.34	654	27	15,920	3.96	630	2-72		36	791	-.04	22	51
23-08-0163	7888087	1347940	10-69	1	305	17,720	4.16	738	25	15,700	3.68	578	2-73		36	664	.05	31	53
23-08-0164	7209018	1347940	9-68	2	305	20,520	3.39	696	22	13,955	3.91	546	6-72		40	1,121	-.05	33	73
23-08-0170	7226548	1347940	2-68	2	305	18,730	3.93	736	14	14,690	3.77	554	9-71		40	879	.03	36	66
23-08-0172	7183898	1347940	12-66	3	305	19,813	3.69	731	20	17,196	3.81	655	10-71		42	812	-.01	28	56
23-08-0172	7208538	1347940	12-67	2	305	20,360	3.44	700	15	16,815	3.90	655	8-71		40	872	-.04	25	56
23-08-0172	7296897	1347940	1-69	2	305	19,790	4.05	801	21	16,675	3.82	637	11-72		40	826	.04	36	64
23-08-0172	7296898	1347940	2-69	1	305	20,730	4.06	842	19	17,690	3.75	663	1-72		36	770	.04	34	60
23-08-0209	6945607	1383004	10-67	4	305	19,220	4.14	796	40	14,565	3.87	563	12-72		44	527	.15	42	57
23-08-0209	7550614	1493686	9-69	2	305	16,150	4.44	717	42	14,135	3.85	544	9-72		40	569	.10	35	53
23-08-0209	7738647	1427381	2-70	1	305	16,940	4.37	741	36	14,010	3.82	535	9-72		36	919	.09	47	77
23-08-0234	5954506	010251372	7-61	7	288	20,474	3.93	805	19	16,917	3.75	634	11-72		38	740	.07	37	61
23-08-0234	6165129	010236866	4-58	6	305	20,700	3.58	741	20	15,900	3.79	602	10-72		42	728	.00	26	51
23-08-0234	6932437	1456488	5-67	4	301	21,117	3.67	776	19	17,145	3.81	653	12-72		38	947	-.02	31	64
23-08-0234	7028166	1456488	12-67	3	305	21,013	3.82	802	17	16,873	3.80	641	1-73		33	925	.00	34	66
23-08-0234	7317616	1456488	10-68	2	305	22,240	3.40	756	17	17,440	3.86	673	10-72		30	958	-.07	24	59
23-08-0234	7317617	1456488	10-68	3	305	20,650	3.61	746	17	17,296	3.78	654	10-72		33	831	-.03	26	56
23-08-0246	6781508	1347940	3-67	3	298	17,733	3.91	694	19	13,180	3.58	472	9-71		42	943	.05	41	73
23-08-0262	6453985	1347940	12-65	6	301	16,730	3.45	578	31	13,371	3.74	500	2-73		44	837	-.03	25	55
23-08-0262	7551142	1347940	8-69	2	242	15,955	3.48	555	34	12,990	3.68	478	11-72	B	40	736	-.02	24	50
23-08-0281	6512156	1389471	1-66	5	305	20,960	3.49	732	29	15,496	3.56	552	10-72		44	867	-.03	26	57
23-08-0281	6537275	1408738	12-65	4	305	20,747	4.43	920	32	15,445	3.53	545	4-72		44	475	.19	46	58
23-08-0281	7314570	1493686	10-68	2	305	18,725	3.58	671	37	15,275	3.64	556	7-72		40	738	.02	30	55
23-08-0281	7349300	1493686	1-69	2	305	22,110	3.29	728	28	15,525	3.55	551	3-73		40	1,061	-.01	36	73
23-08-0281	7353834	1493686	12-68	2	305	21,855	3.40	761	40	15,420	3.63	559	8-72		40	1,044	.01	39	75
23-08-0281	7573031	1493686	11-69	1	305	20,530	3.40	697	40	14,890	3.63	541	8-72		36	823	.01	31	59
23-08-0291	6703279	1347940	12-66	3	305	17,373	3.68	640	12	14,616	3.86	564	8-71		42	769	-.01	26	53
23-08-0291	7080110	1347940	7-67	3	305	16,846	3.96	667	14	14,086	3.95	556	5-72		42	757	.02	30	56
23-08-0291	7080112	1347940	9-67	3	301	17,856	3.82	682	12	14,210	3.94	560	6-72		42	862	.00	31	61
23-08-0291	7080114	1347940	11-67	2	305	19,750	3.73	736	18	14,200	3.95	561	6-72		40	1,023	-.01	36	72
23-08-0291	7098979	1347940	7-68	2	305	17,205	4.16	715	20	14,950	3.79	566	2-72		40	703	.05	33	56
23-08-0291	7105194	1347940	12-67	3	305	19,126	4.06	776	20	14,693	3.85	566	12-72		42	964	.04	41	74
23-08-0291	7729416	1347940	12-69	1	305	19,030	3.67	698	13	13,270	4.04	536	6-72		36	907	-.01	31	63
23-08-0291	7729417	1347940	12-69	1	305	17,040	3.67	625	15	13,440	3.96	532	4-72		36	748	-.01	25	51
23-08-0309	6471246	1347940	9-65	6	304	19,361	3.38	654	14	16,891	3.77	637	3-73		44	813	-.05	21	51
23-08-0309	7289878	1347940	11-68	3	305	21,113	3.60	761	13	16,126	3.71	598	12-72		42	1,060	-.01	37	74
23-08-0313	6508805	1473205	9-65	5	304	21,532	3.50	753	22	17,222	3.68	633	2-73		32	766	-.03	23	50
23-08-0313	7068671	1347940	8-66	4	304	19,430	3.70	719	19	17,227	3.70	637	3-72		44	778	.01	29	56
23-08-0313	7389514	1494759	2-68	2	305	22,055	3.64	803	17	16,895	3.62	611	4-72		25	711	.01	27	52
23-08-0313	7818317	1454720	10-70	1	305	24,470	2.88	705	41	16,800	3.59	603	1-73		35	925	-.09	20	54
23-08-0330	6762784	1329588	9-66	4	305	19,795	3.64	721	40	14,960	3.64	545	10-72		44	792	-.01	27	55
23-08-0330	7591794	1432733	11-69	1	305	21,800	3.69	804	37	14,980	3.62	543	8-72		36	833	.00	30	59
23-08-0330	7844899	1441440	6-69	2	305	19,995	3.45	690	37	15,140	3.61	547	10-72		40	810	.01	30	58
23-08-0330	8010459	1427381	10-69	1	305	22,540	3.90	879	41	15,060	3.61	544	8-72		36	1,274	.07	57	100
23-08-0331	6899277	1261857	9-67	3	298	16,183	4.26	690	22	13,823	3.67	507	12-72		42	559	.12	39	55
23-08-0372	7181216	1504414	9-68	3	305	21,826	3.62	791	25	18,546	3.89	722	10-72		41	689	.02	28	51
23-08-0372	7286675	1347940	2-69	2	304	22,945	4.34	996	20	18,270	3.93	718	9-72		40	1,016	.09	50	83
23-08-0372	7479457	1347940	9-69	2	302	25,735	3.60	927	20	18,480	3.92	724	11-72		40	1,282	-.03	42	87
23-08-0377	6762575	1347940	2-67	4	304	21,727	3.32	722	23	16,220	3.74	606	12-72		44	1,161	-.06	33	75
23-08-0378	6708815	1347940	9-66	1	305	19,940	3.15	629	17	15,270	3.91	597	5-72		36	855	-.06	22	53
23-08-0390	6338225	1347940	6-65	6	305	17,443	3.81	665	12	15,061	3.72	560	2-73		44	754	.02	30	56
23-08-0398	5728633	1085978	12-62	7	288	20,810	3.36	699	12	16,466	3.72	613	1-72		44	860	-.06	22	53
23-08-0398	7045432	1347940	12-67	3	305	19,160	3.80	728	14	16,586	3.83	636	8-72		42	793	.00	29	57
23-08-0398	7546517	1447414	9-69	2	303	18,495	3.42	632	19	15,745	3.80	599	10-72		40	872	-.07	21	53
23-08-0419	6601343	1347940	9-66	1	305	18,470	3.72	688	12	14,160	3.85	545	9-72		36	812	.00	29	57
23-08-0419	6972863	1347940	1-68	1	305	19,340	3.53	683	9	14,630	3.88	568	12-72		36	849	-.02	28	58
23-08-0421	6483687	1347940	2-66	5	305	18,706	4.28	801	15	15,312	3.88	594	11-72		44	891	.08	44	73
23-08-0421	6921171	1347940	8-67	2	305	20,675	3.70	766	11	15,255	3.95	603	3-72		40	1,031	-.01	36	72
23-08-0432	6718839	1308570	7-66	4	305	17,987	3.52	633	17	13,340	3.67	489	4-73		37	745	-.01	26	52
23-08-0436	6443213	1347940	9-65	5	301	20,154	3.62	730	21	17,306	3.80	658	5-72		44	872	-.02	29	60
23-08-0436	6706853	1347940	8-66	5	299	21,848	3.75	819	44	17,562	3.82	671	12-72		44	1,064	.00	39	76
23-08-0436	6706854	1347940	8-66	5	296	19,264	3.96	762	34	17,450	3.85	672	1-73		44	743	.03	31	56
23-08-0436	6706855	1347940	9-66	5	293	19,960	3.53	705	47	17,500	3.79	663	10-72		44	827	-.03	25	55
23-08-0436	6791625	1347940	12-66	5	296	20,116	3.51	706	44	17,676	3.81	674	12-72		44	829	-.04	24	54
23-08-0436	7137062	1347940	7-68	3	206	22,246	3.12	693	47	17,710	3.77	668	8-72	B	42	1,045	-.09	23	62
23-08-0441	6984551	1347940	10-67	2	305	20,765	3.39	703	11	17,100	3.60	616	1-72		40	890	-.03	28	60
23-08-0441	7322068	010229512	7-63	3	305	20,643	3.57	737	9	16,760	3.50	587	1-72		42	583	.07	31	50
23-08-0441	7327688	1427381	12-68	2	285	19,295	3.63	700	13	17,715	3.55	629	11-72		40	890	.05	39	69
23-08-0441	7345343	1458744	12-68	2	305	20,495	3.41	699	7	16,280	3.59	584	2-73		40	861	-.03	26	57
23-08-0445	7792741	1450228	10-70	1	301	19,160	3.88	743	18	16,040	3.77	605	10-72		36	758	-.01	26	53
23-08-0457	5781678	1306477	10-62	6	305	22,150	3.57	791	26	16,512	3.83	632	12-72		44	826	-.06	20	50
23-08-0457	6760647	1480855	12-66	4	303	20,452	3.78	773	29	17,362	3.79	658	1-73		35	750	.01	28	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	C O W REPT (%)	MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-08-0457	6760648	1480855	12-66	4	299	20,810	3.55	738	32	17,395	3.77	656	11-72		35	797	-.04	23	$ 52
23-08-0457	7193122	1480855	8-68	3	298	21,316	3.75	800	31	17,290	3.77	652	11-72		33	842	.00	31	60
23-08-0462	7235727	1347940	10-68	3	296	18,973	3.20	608	21	14,560	3.61	526	3-73		42	958	-.05	26	61
23-08-0463	6339713	010251671	10-63	4	305	21,398	3.62	774	19	15,350	3.61	554	12-72		42	867	-.06	22	54
23-08-0466	6431947	1347940	12-65	6	294	15,506	4.12	639	19	13,478	3.68	496	3-73		44	668	.07	34	56
23-08-0466	6672387	1347940	7-66	4	300	15,945	3.86	616	17	13,432	3.63	488	4-72		44	723	.03	31	55
23-08-0466	6854432	1347940	3-67	3	303	15,556	4.08	634	18	13,680	3.71	507	3-72		42	646	.05	31	52
23-08-0468	6796258	1347940	12-66	4	305	18,355	3.60	661	16	14,995	3.65	548	3-73		44	866	.00	31	61
23-08-0473	7138629	1448645	8-65	3	301	22,417	4.41	989	17	17,603	3.70	652	10-72		29	771	.16	52	75
23-08-0482	5536572	1189870	11-61	6	295	21,613	3.81	823	17	18,370	3.79	696	12-72		44	670	.03	28	51
23-08-0482	6804979	1347940	12-66	4	297	23,745	3.63	862	14	18,700	3.84	718	12-72		44	1,166	-.02	39	80
23-08-0482	7072327	1268087	8-67	4	305	22,928	4.11	943	17	18,948	3.87	733	10-72		44	561	.08	32	50
23-08-0506	6717179	1467405	11-66	4	305	23,353	3.42	799	19	18,643	3.66	683	10-72		43	767	-.02	24	51
23-08-0506	7463664	1347940	6-69	1	305	24,200	3.66	885	30	18,860	3.78	713	11-71		36	959	.00	34	67
23-08-0511	6306695	1330987	11-64	6	303	19,641	3.35	657	25	16,120	3.70	596	2-73		44	734	-.02	24	50
23-08-0511	6624478	1347940	8-66	4	288	18,722	3.53	660	19	16,772	3.67	615	12-71		44	736	-.02	24	50
23-08-0511	6677204	1347940	9-66	4	303	18,152	3.55	644	17	15,925	3.74	596	10-72		44	749	-.02	24	51
23-08-0511	6780478	1347940	11-66	4	305	20,107	3.52	708	24	16,080	3.72	598	8-72		44	975	-.02	32	66
23-08-0511	6890826	1347940	5-67	4	305	18,337	3.62	663	21	16,102	3.74	603	12-72		44	754	-.01	26	52
23-08-0524	5407032	1189870	8-61	9	304	20,981	3.20	671	14	15,396	3.79	584	11-72		44	896	-.08	20	53
23-08-0524	6182179	1189870	12-63	6	300	21,517	3.64	784	14	16,017	3.75	601	9-72		44	901	.00	33	64
23-08-0524	6663462	1347940	9-66	4	247	19,397	3.96	769	11	16,415	3.76	618	3-73		44	854	.04	37	66
23-08-0524	6718320	1347940	10-66	3	305	20,320	3.39	689	12	15,120	3.76	569	4-72		42	1,062	-.05	31	69
23-08-0524	7171490	1347940	9-68	3	297	19,513	3.51	684	11	16,440	3.86	634	9-72		42	848	-.04	25	55
23-08-0528	7171052	010229512	3-64	3	305	22,483	4.19	941	21	15,380	3.54	545	6-72		42	926	.17	59	87
23-08-0529	6449680	1347940	8-65	6	305	19,138	3.82	732	10	16,071	3.74	601	2-73		44	869	.02	35	65
23-08-0529	6494020	1347940	9-65	4	299	18,165	3.71	674	15	16,105	3.78	608	1-72		44	733	.00	27	52
23-08-0529	7082141	1347940	6-68	3	276	18,546	3.82	709	20	16,523	3.82	632	8-72		42	729	.01	28	53
23-08-0536	7591006	1427381	11-69	1	303	16,670	3.65	609	11	13,150	3.67	483	8-72		36	951	.04	41	73
23-08-0537	6127822	1278644	8-64	7	298	19,423	3.60	700	17	15,803	3.58	566	1-73		44	805	-.04	23	52
23-08-0537	6978778	1379208	9-67	3	305	19,417	3.60	699	11	16,240	3.47	564	3-72		42	677	.02	28	51
23-08-0543	7111517	1347940	10-66	4	305	18,505	3.69	683	6	15,895	3.62	575	8-72		44	796	.02	31	58
23-08-0545	6892883	1347940	2-66	3	304	18,803	3.67	690	19	13,970	3.66	511	12-72		42	993	.01	37	71
23-08-0545	7713202	1493686	11-70	1	305	22,280	2.97	662	19	15,080	3.69	556	12-72		36	942	-.04	27	61
23-08-0550	7550735	1347940	12-68	3	302	17,410	3.65	635	19	15,540	3.60	559	12-72		42	686	.01	26	50
23-08-0552	6677685	1347940	12-66	4	302	21,735	3.35	729	15	16,055	3.63	582	2-73		44	1,179	-.04	36	78
23-08-0555	7208350	1347940	10-68	3	303	18,673	3.86	720	12	16,723	3.75	627	12-72		42	725	.02	29	54
23-08-0555	7208353	1347940	11-68	2	305	21,670	3.69	800	5	15,735	3.71	584	3-73		40	1,093	.00	40	78
23-08-0556	6577014	1347940	4-66	3	290	16,783	3.68	618	11	13,756	3.61	496	4-72		42	780	.01	30	57
23-08-0559	6685536	1347940	10-66	5	296	16,728	4.08	682	23	14,956	3.76	563	12-72		44	673	.05	32	54
23-08-0561	6853677	1347940	9-66	3	293	17,993	3.76	677	9	14,543	3.69	537	3-72		42	847	.02	33	62
23-08-0562	7309218	1427381	8-68	1	305	15,880	4.66	740	12	13,280	4.04	537	3-72		36	884	.10	47	75
23-08-0563	6988320	1493620	12-67	3	305	22,027	3.34	735	18	16,610	3.49	579	1-73		29	829	-.04	24	54
23-08-0563	7049137	1347940	10-67	3	295	20,190	3.30	667	15	16,500	3.49	576	12-72		42	920	-.03	28	61
23-08-0569	6987014	1347940	8-67	4	301	16,927	3.91	662	17	15,205	3.74	568	12-72		44	669	.03	29	52
23-08-0569	6987015	1347940	9-67	3	299	18,463	3.48	643	12	14,470	3.73	540	2-72		42	908	-.02	29	61
23-08-0569	6987016	1347940	10-67	4	281	17,310	4.15	718	13	14,470	3.79	549	1-73		44	789	.06	38	64
23-08-0569	7545666	1347940	1-70	2	298	20,200	3.47	701	13	13,665	3.81	521	1-73		40	1,112	-.03	36	75
23-08-0585	7204521	1347940	9-68	2	305	19,835	3.72	738	8	16,020	3.77	604	5-72		40	883	.01	33	64
23-08-0592	7235282	1347940	9-67	2	305	17,100	4.01	685	16	14,935	3.72	556	5-72		40	694	.04	31	54
23-08-0605	7821545	1347940	10-69	2	305	16,960	3.27	555	18	13,520	3.87	523	11-72		40	795	-.05	21	50
23-08-0606	7763950	1427381	11-70	1	282	20,160	3.44	693	8	16,730	3.93	657	12-72		36	997	.00	36	71
23-08-0608	6756474	1347940	6-66	4	302	18,547	3.40	630	10	15,202	3.67	558	1-72		44	869	-.03	26	57
23-08-0608	6913736	1347940	7-67	4	300	16,637	4.13	687	7	14,515	3.80	551	3-73		44	701	.06	34	57
23-08-0653	6844803	1347940	6-67	3	283	16,350	4.12	673	24	14,603	3.68	538	2-72		42	653	.06	32	53
23-08-0653	6900501	1377691	10-67	3	305	21,780	3.40	741	23	13,970	3.73	521	8-72		42	1,085	-.05	31	70
23-08-0653	6910977	1347940	10-67	4	301	16,852	3.93	662	22	15,107	3.63	549	4-73		44	669	.05	31	53
23-08-0653	7267780	1347940	1-69	2	305	17,070	3.77	644	19	14,250	3.68	524	6-72		40	746	.02	30	55
23-08-0671	6493290	1347940	10-65	5	305	18,414	3.38	622	13	14,816	3.67	544	2-73		44	905	-.04	26	59
23-08-0690	6910381	1347940	10-67	3	305	16,030	3.94	631	15	12,923	3.72	481	12-72		42	771	.03	33	59
23-08-0692	6497219	1347940	10-65	3	302	18,083	3.73	674	7	15,320	3.71	569	3-72		42	786	.00	29	56
23-08-0692	6674787	1347940	11-66	2	305	17,535	3.42	599	14	13,745	3.63	499	7-72		40	835	-.02	27	57
23-08-0704	7017416	1347940	1-68	3	289	18,986	3.27	621	12	15,223	3.62	551	10-72		42	899	-.05	25	57
23-08-0704	7545369	1347940	9-69	1	305	20,340	3.66	745	16	15,310	3.61	552	10-71		36	883	.01	33	64
23-08-0704	7545370	1347940	10-69	2	305	17,855	3.73	666	14	15,515	3.62	561	1-73		40	723	.02	29	54
23-08-0727	6648436	1347940	11-66	1	292	16,500	3.71	612	8	13,420	3.69	495	8-72		36	709	.01	27	51
23-08-0743	6718318	1347940	8-66	3	303	19,213	4.05	779	12	14,083	3.88	547	9-72		42	1,030	.04	44	79
23-08-0746	7606087	1447414	5-70	1	305	21,270	3.44	731	14	18,620	3.89	725	9-72		36	864	-.07	21	53
23-08-0746	7804875	1432733	9-70	1	305	26,330	4.07	1072	14	18,300	3.84	702	10-72		36	972	.03	40	73
23-08-0746	7863841	1447414	6-70	1	305	22,770	3.22	734	12	18,610	3.78	704	8-72		36	976	-.08	22	58
23-08-0790	6943525	1347940	8-67	4	291	18,492	3.52	651	22	15,300	3.67	561	11-72		44	853	-.02	28	58
23-08-0790	7120490	1347940	10-67	4	291	17,930	3.69	662	21	15,530	3.68	571	11-72		44	761	.01	29	55
23-08-0795	5666607	1425608	7-62	7	305	23,597	3.49	824	17	15,953	3.49	556	11-72		34	1,248	-.01	43	87
23-08-0795	6754868	1347940	3-67	3	301	20,516	3.48	714	10	15,510	3.71	575	4-73		42	1,048	-.02	34	71
23-08-0795	7566846	1427381	11-69	2	297	22,105	3.58	791	21	17,050	3.67	626	1-73		40	1,230	.03	49	91
23-08-0795	7771818	1427381	12-70	1	305	20,450	3.53	721	17	18,200	3.60	656	12-72		36	931	.04	39	71
23-08-6001	6742717	1347940	10-66	5	291	19,552	3.84	750	15	15,178	3.66	556	2-73		44	1,014	.04	42	76
23-08-6004	7049923	1347940	11-67	3	296	15,036	3.77	567	17	12,160	3.84	467	3-72		42	726	.00	26	51
23-08-6004	7142167	1347940	4-68	2	305	15,655	4.24	663	17	12,785	3.94	504	3-72		40	722	.05	33	57
23-08-7280	6932998	1347940	8-67	2	305	21,595	3.84	829	10	16,395	3.67	601	1-72		40	1,032	.03	42	77
23-08-7354	7544414	1332076	12-66	2	305	19,335	3.83	741	10	14,075	3.74	526	7-72		39	630	.04	29	50
23-08-7382	6988455	1347940	9-67	2	276	18,810	3.89	732	8	16,520	3.61	597	11-72		40	739	.04	32	57
23-09-0032	6543566	1347940	1-66	4	305	18,705	3.78	707	14	13,587	3.85	523	5-72		44	1,048	.01	39	75
23-09-0032	6878898	1347940	7-67	4	302	17,355	4.03	699	11	14,037	3.80	533	3-73		44	837	.04	37	65
23-09-0036	6925469	1347940	12-67	3	299	18,126	3.36	609	18	15,273	3.54	540	4-72		42	795	-.02	25	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-09-0036	7181437	1347940	4-68	2	305	17,295	3.66	633	37	14,420	3.59	517	9-71	40	756	.01	29	$ 55
23-09-0039	6596369	1347940	11-65	5	300	21,080	3.49	735	5	18,020	3.45	622	3-72	44	918	.00	33	65
23-09-0039	7284286	1417208	4-69	2	305	22,190	3.56	791	7	15,915	3.68	585	12-72	40	994	.00	35	70
23-09-0039	7496098	1417208	10-69	2	285	20,660	3.46	714	6	17,060	3.66	624	10-72	40	746	-.02	24	50
23-09-0051	6977250	1320310	2-68	3	305	16,923	3.84	650	30	14,990	3.77	565	11-72	42	761	-.02	25	52
23-09-0060	6187957	1320310	7-64	7	303	17,766	3.51	623	17	15,893	3.63	577	1-73	44	785	-.05	21	50
23-09-0060	7233088	1320310	8-68	2	305	17,495	3.57	625	14	14,590	3.69	538	4-72	40	842	-.05	23	54
23-09-0065	6905348	1320310	8-67	3	305	17,970	4.07	731	20	15,580	3.81	593	6-72	42	827	.01	31	60
23-09-0068	6926099	1347940	8-67	3	305	19,093	3.41	651	24	14,690	3.53	519	7-72	42	960	-.02	31	65
23-09-0068	7075686	1320310	2-68	3	301	17,523	3.42	600	23	14,133	3.54	501	10-72	42	908	-.05	25	58
23-09-0069	5618370	1189870	7-62	6	305	19,998	3.42	684	14	13,975	3.82	534	5-72	44	916	-.04	27	60
23-09-0069	6615532	1347940	1-66	5	303	17,632	3.86	680	14	13,880	3.82	530	7-72	44	901	.02	35	66
23-09-0069	7669440	1458744	5-70	1	305	17,450	4.21	735	18	14,180	3.89	552	9-72	36	662	.03	28	50
23-09-0069	7729965	1458744	1-71	1	305	18,910	3.80	719	11	15,040	3.68	553	1-73	36	720	.01	27	52
23-09-0073	6309468	1320310	2-65	5	301	16,784	3.63	610	9	14,168	3.78	536	5-72	44	837	-.05	23	53
23-09-0073	6629533	1309574	4-66	4	305	17,258	4.15	716	11	13,765	3.60	496	8-72	44	607	.12	40	58
23-09-0073	7239201	1399824	8-68	2	305	18,275	3.30	603	9	13,660	3.72	508	4-72	40	784	-.02	24	51
23-09-0074	7593370	1427381	7-69	1	305	17,210	3.64	627	10	13,540	3.81	516	2-72	36	968	.03	40	73
23-09-0077	6739258	1347940	9-66	4	293	16,762	3.69	619	13	14,515	3.76	546	2-72	44	717	.00	26	51
23-09-0079	6502673	1347940	10-65	4	305	15,497	3.83	593	7	12,810	3.56	456	10-72	44	729	.04	32	56
23-09-0083	6932433	1347940	10-67	3	305	18,756	3.79	711	12	14,246	3.94	562	6-72	42	962	.00	34	68
23-09-0083	7335855	1309574	6-68	3	305	19,853	3.74	742	17	13,977	3.91	546	9-72	42	862	.03	36	65
23-09-0083	7335856	1309574	6-68	3	303	19,207	3.70	711	12	14,847	3.74	555	3-73	42	707	.04	32	56
23-09-0083	7421616	1441440	4-69	1	305	18,590	3.40	632	9	13,160	3.61	475	1-73	36	709	.01	27	51
23-09-0083	7431002	1320310	12-68	2	304	19,100	3.42	654	19	13,840	3.65	505	6-72	40	1,066	-.06	29	68
23-09-0088	6361829	1320310	10-64	6	305	17,233	3.49	601	9	13,998	3.85	539	3-73	44	912	-.07	22	56
23-09-0088	6629751	1399824	9-66	4	305	17,703	4.30	761	10	14,993	3.88	581	3-72	44	642	.09	37	57
23-09-0088	6813076	1441440	3-67	3	305	19,383	3.72	722	10	15,346	3.80	583	5-72	42	777	.03	32	58
23-09-0096	7629095	1512026	6-69	2	305	18,700	3.68	689	23	14,235	3.95	562	1-73	39	885	-.03	27	59
23-09-0101	6350000	1347940	3-65	5	305	17,334	3.61	625	22	14,002	3.82	535	12-71	44	850	-.02	28	58
23-09-0101	6654047	1347940	4-66	4	305	17,480	4.16	728	19	14,625	3.73	545	6-72	44	794	.07	39	65
23-09-0101	6654048	1347940	4-66	4	305	16,892	4.09	691	24	14,390	3.84	552	11-71	44	745	.05	34	59
23-09-0101	6654049	1347940	7-66	4	305	17,745	3.30	585	13	14,055	3.75	527	3-72	44	884	-.05	24	56
23-09-0101	6654050	1347940	7-66	5	300	16,366	4.12	675	26	14,632	3.72	545	9-72	44	660	.06	33	55
23-09-0101	6684465	1347940	7-66	5	304	17,884	3.57	639	22	14,708	3.79	557	2-73	44	848	-.02	27	57
23-09-0101	6765455	1347940	1-66	1	305	20,070	4.09	820	42	16,080	3.53	567	10-72	36	817	.06	38	65
23-09-0101	6765456	1347940	3-66	5	305	18,240	4.01	731	28	14,546	3.73	543	10-72	44	910	.05	41	71
23-09-0101	6765463	1347940	1-67	4	298	17,230	4.15	715	25	14,742	3.71	547	11-72	44	752	.07	38	62
23-09-0101	6765467	1347940	3-67	4	305	16,807	3.91	657	21	14,917	3.67	547	8-72	44	682	.04	30	53
23-09-0101	6765468	1347940	3-67	3	305	17,090	3.50	599	22	14,396	3.77	543	10-71	42	757	-.03	23	50
23-09-0101	6833937	1347940	5-67	3	305	17,330	3.59	622	15	14,813	3.75	556	2-72	42	746	-.01	25	51
23-09-0101	6954350	1347940	8-67	4	302	17,037	3.89	663	25	14,725	3.78	556	2-73	44	730	.02	30	55
23-09-0101	6954351	1347940	8-67	4	302	17,420	3.44	600	28	14,795	3.75	555	11-72	44	770	-.03	23	51
23-09-0101	6954352	1347940	8-67	4	305	21,355	3.34	713	23	14,915	3.80	567	2-73	44	1,244	-.06	35	80
23-09-0101	6954354	1347940	10-67	3	305	18,350	3.69	677	18	15,163	3.74	567	7-72	42	831	.00	30	59
23-09-0101	6954356	1347940	1-68	3	305	17,776	3.44	611	27	15,236	3.69	562	12-72	42	758	-.03	23	50
23-09-0101	7103399	1347940	5-68	2	305	19,330	3.66	708	16	15,295	3.93	601	2-72	40	891	-.01	30	61
23-09-0101	7599958	1399824	5-69	2	296	22,565	3.52	794	49	15,550	3.75	583	8-72	40	1,046	.00	37	74
23-09-0102	6734250	1347940	9-66	3	299	16,343	3.70	605	22	13,433	3.75	504	8-71	42	760	.00	28	54
23-09-0102	6780778	1347940	10-66	4	294	15,842	3.97	629	22	13,912	3.78	526	1-72	44	663	.03	29	51
23-09-0102	6911357	1347940	6-67	3	305	17,706	4.07	720	22	13,230	3.82	505	10-71	42	935	.05	41	72
23-09-0102	7062894	1347940	12-67	3	294	18,283	3.71	679	17	14,130	3.78	534	2-72	42	919	.00	33	65
23-09-0102	7086909	1347940	1-68	2	305	17,265	3.90	673	20	13,645	3.80	518	8-71	40	815	.02	33	61
23-09-0102	7199870	1347940	7-68	2	292	17,840	3.49	622	21	13,335	3.84	512	8-71	40	899	-.03	28	60
23-09-0102	7250718	1347940	7-68	2	305	18,275	3.89	710	24	14,260	3.83	546	12-71	40	868	.02	34	64
23-09-0102	7272082	1347940	8-68	2	305	18,165	3.69	670	22	13,730	3.82	524	10-71	40	900	.00	32	63
23-09-0102	7312527	1347940	10-68	2	304	19,550	3.49	682	22	13,730	3.82	524	10-71	40	1,040	-.03	33	70
23-09-0118	6392783	1320310	11-65	5	300	15,624	3.87	605	25	13,316	3.78	503	10-72	44	775	-.01	26	53
23-09-0118	6419425	1441440	12-65	5	290	18,412	4.07	749	21	13,148	3.75	493	9-72	44	927	.08	46	76
23-09-0118	6525838	1441440	4-66	4	301	19,222	3.28	631	19	14,110	3.65	515	4-72	44	908	-.03	28	60
23-09-0118	6802807	1320310	11-66	4	304	18,040	3.41	616	14	14,705	3.77	554	4-72	44	932	-.07	22	56
23-09-0118	7195757	1441440	7-68	2	305	19,270	4.57	881	13	14,310	3.67	525	6-72	40	804	.14	51	75
23-09-0118	7213580	1320310	12-68	2	305	16,190	3.84	622	15	14,000	3.80	532	10-72	40	758	-.02	24	51
23-09-0118	7432606	1337741	5-69	2	305	19,225	3.63	698	22	12,905	3.79	489	12-72	40	779	.00	28	55
23-09-0118	7453869	1441440	10-69	1	305	20,490	3.41	698	10	15,590	3.63	566	4-72	36	706	.00	26	51
23-09-0119	7049516	1441440	9-67	2	305	18,930	4.19	793	7	15,615	3.86	603	4-72	40	663	.08	36	57
23-09-0119	7235322	1320310	12-67	3	305	17,563	3.37	592	10	14,067	3.73	524	7-72	42	919	-.07	22	56
23-09-0119	7235323	1320310	12-67	3	305	18,610	3.65	680	9	14,047	3.67	515	10-72	42	1,041	-.03	33	70
23-09-0137	6314155	1320310	1-65	5	282	16,178	3.46	560	7	12,994	3.71	482	2-72	44	880	-.06	22	54
23-09-0141	6739975	1347940	8-66	4	305	19,922	3.56	709	18	14,880	3.96	589	8-72	44	1,071	-.04	33	71
23-09-0141	7007616	1399824	10-67	3	305	20,210	4.14	836	23	15,620	3.92	613	9-72	42	856	.07	42	70
23-09-0141	7537658	1427381	10-69	2	305	16,940	4.16	704	19	14,480	3.84	556	9-72	40	914	.08	45	75
23-09-0144	6456057	1430036	3-65	4	305	21,798	3.82	832	21	17,320	3.67	636	11-72	30	763	.04	34	60
23-09-0144	6684337	1347940	1-67	4	267	20,237	3.81	772	13	17,765	3.70	657	3-73	B 44	825	.03	34	62
23-09-0144	6793497	1347940	2-67	4	290	21,772	3.49	760	9	17,945	3.59	645	7-72	44	997	-.01	34	69
23-09-0144	6973977	1347940	3-67	4	305	21,850	3.49	762	17	17,202	3.76	646	1-73	44	1,080	-.03	34	72
23-09-0144	6987293	1347940	9-67	3	305	19,483	3.39	660	15	15,443	3.70	571	11-72	42	936	-.04	28	62
23-09-0144	7169938	1347940	3-68	3	305	19,740	3.54	698	21	16,576	3.64	604	9-72	42	861	-.01	29	59
23-09-0144	7261976	1458744	12-68	2	305	21,040	3.40	715	21	16,900	3.72	628	3-73	40	866	-.05	24	55
23-09-0147	7551107	1320310	10-68	2	305	17,190	3.69	635	10	14,320	3.82	547	4-72	40	833	-.04	24	54
23-09-0147	7762485	1320310	5-69	2	305	19,785	3.51	694	11	15,210	3.79	577	12-72	40	1,025	-.06	27	64
23-09-0147	7762486	1320310	7-69	2	305	19,455	3.61	702	14	14,975	3.79	568	2-73	40	1,010	-.05	29	65
23-09-0149	6873144	1320310	9-67	2	305	19,400	3.38	655	11	14,065	3.69	519	8-72	40	1,078	-.07	28	67
23-09-0149	7402448	1458744	9-69	2	305	18,690	3.48	651	13	15,285	3.67	561	1-73	40	759	-.03	23	50
23-09-0149	7834213	1427381	10-70	1	305	20,480	3.53	722	19	17,020	3.60	612	11-72	36	1,004	.03	41	75

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S RECS	AVERAGE PRODUCTION. DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-09-0151	6596716	1320310	2-66	4	305	16,800	3.65	614	12	13,883	3.84	533	4-72	44	860	-.04	24	$ 55
23-09-0151	6802806	1320310	11-66	4	303	17,128	3.63	621	16	14,310	3.86	553	3-72	44	858	-.05	23	54
23-09-0151	7054791	1320310	12-67	3	304	16,827	3.83	645	17	13,927	3.98	554	9-72	42	847	-.04	25	55
23-09-0301	5979699	1320310	9-63	7	304	16,581	3.59	596	20	14,443	3.58	517	3-72	44	782	-.03	23	51
23-09-0301	6374775	1454185	8-65	5	304	17,958	3.67	659	17	13,622	3.66	498	6-72	34	734	.03	31	56
23-09-0301	6392092	1320310	7-65	6	300	15,688	3.84	602	21	14,095	3.58	504	2-73	44	703	.00	26	50
23-09-0306	6430372	1320310	7-65	5	305	16,868	3.79	640	27	15,130	3.65	553	8-72	44	748	-.01	25	51
23-09-0306	6870417	1399824	3-67	3	305	19,083	3.52	671	31	15,350	3.62	556	3-72	42	751	.01	28	54
23-09-0306	6916937	1399824	8-67	4	304	18,003	4.04	727	26	15,353	3.66	562	4-73	44	643	.08	35	56
23-09-0306	7046144	1320310	3-68	3	302	17,160	3.86	663	24	15,527	3.65	567	12-72	42	738	.00	26	52
23-09-0322	6632924	1347940	8-66	4	295	21,240	4.10	871	15	16,130	3.94	635	10-72	44	1,110	.05	48	85
23-09-0322	6716662	1347940	2-67	3	305	23,866	3.80	908	14	15,990	3.85	615	10-71	42	1,390	.01	52	100
23-09-0322	7188713	1441440	11-68	3	305	23,420	3.92	917	12	16,183	3.76	609	2-73	42	1,165	.06	52	91
23-09-0322	7425140	1347940	8-69	2	305	19,965	3.91	781	18	15,590	3.94	614	10-72	40	932	.02	36	68
23-09-0412	6341129	1320310	8-64	6	302	19,395	3.53	684	10	16,245	3.68	598	11-72	44	959	-.05	26	61
23-09-0412	6756788	1320310	10-65	5	305	19,802	3.65	723	9	16,426	3.59	590	4-72	44	993	-.02	32	67
23-09-0412	6889338	1347940	5-67	3	300	20,190	3.33	673	8	16,903	3.53	597	2-72	42	883	-.03	27	59
23-09-0412	7293221	1399824	9-68	3	295	19,943	3.59	716	15	17,360	3.59	624	2-73	42	665	.02	27	50
23-09-0415	6597289	1309574	1-66	5	293	17,334	4.01	695	25	14,568	3.75	546	8-72 H	44	549	.09	33	50
23-09-0415	7478229	1441440	3-68	3	288	19,216	3.70	711	27	14,780	3.80	562	8-72 H	42	810	.02	32	60
23-09-0415	7753544	1320310	3-69	2	305	20,190	3.10	625	20	15,115	3.81	576	1-73	40	1,073	-.12	20	60
23-09-0417	6855466	1347940	8-66	4	300	16,965	3.97	673	11	15,230	3.65	556	11-72	44	671	.05	32	54
23-09-0417	7013478	1347940	11-67	3	305	17,723	3.95	700	13	14,970	3.74	560	9-72	42	777	.03	33	59
23-09-0826	7130583	1347940	6-68	3	305	16,210	4.11	666	30	14,523	3.86	561	10-72	42	644	.04	29	51
23-09-0826	7206542	1347940	8-68	3	303	17,100	4.16	711	34	15,110	3.83	579	11-72	42	692	.05	33	56
23-09-0828	7278037	1427381	12-68	1	302	18,260	3.80	694	6	15,020	3.58	538	10-72	36	958	.06	44	76
23-09-0829	6633825	1347940	9-66	4	279	16,582	3.82	633	9	14,727	3.59	528	7-72	44	673	.03	29	52
23-09-0902	6910854	1458744	7-67	3	305	20,536	2.94	604	15	14,440	3.68	532	5-72	42	1,083	-.11	21	62
23-09-0902	7355332	1390131	1-68	3	305	19,360	3.57	692	14	15,406	3.76	579	4-72	40	692	.02	28	52
23-09-0904	6693101	1347940	6-66	5	294	17,250	3.52	607	21	14,404	3.75	540	11-72	44	797	-.02	25	53
23-09-0904	6944372	1347940	11-67	4	302	17,590	3.81	670	19	14,695	3.75	551	1-73	44	801	.02	32	59
23-09-0904	6944373	1347940	11-67	3	301	19,010	3.68	700	15	15,576	3.72	580	3-72	42	869	.00	31	61
23-09-0904	7182707	1347940	9-68	2	305	17,840	3.55	634	18	14,780	3.81	563	12-71	40	782	-.02	25	53
23-09-0904	7424234	1347940	9-69	1	305	18,830	3.47	654	14	14,770	3.75	554	2-72	36	802	-.02	26	54
23-09-0906	6977252	1399824	2-68	2	305	21,070	4.02	846	27	15,305	3.59	550	2-72	40	914	.08	45	75
23-09-0906	7348771	1399824	7-69	2	305	16,840	4.31	726	27	14,505	3.61	523	1-73	40	550	.10	35	52
23-09-0908	6707206	1347940	8-66	5	301	17,430	3.85	671	39	15,192	3.75	570	11-72	44	739	.02	30	55
23-09-0908	6707207	1347940	9-66	5	305	17,518	3.64	637	37	14,996	3.77	565	3-73	44	771	-.01	26	53
23-09-0908	6707208	1347940	9-66	5	302	18,716	3.79	709	46	14,830	3.75	556	9-72	44	942	.01	36	68
23-09-0908	6707214	1347940	11-66	4	296	18,477	4.04	747	31	15,287	3.84	587	6-72	44	852	.05	38	67
23-09-0908	6879366	1347940	5-67	4	297	20,850	3.32	693	44	14,927	3.75	560	9-72	44	1,161	-.05	34	77
23-09-0908	6970052	1347940	7-67	4	298	19,597	3.66	717	34	15,202	3.74	569	2-73	44	999	.00	36	71
23-09-0908	6970057	1347940	9-67	4	301	19,430	3.46	673	37	15,332	3.72	570	11-72	44	965	-.03	30	64
23-09-0908	6970058	1347940	9-67	4	277	17,850	3.52	628	24	15,310	3.78	587	3-73	44	753	-.03	23	50
23-09-0908	7202316	1347940	5-68	3	305	19,706	3.36	662	38	15,333	3.66	561	11-72	42	972	-.04	29	64
23-09-0908	7202320	1347940	8-68	3	304	22,193	3.69	818	36	15,280	3.65	558	11-72	42	1,262	.01	47	91
23-09-0908	7218087	1347940	9-68	3	305	18,463	3.22	594	45	14,793	3.70	547	9-72	42	878	-.06	22	54
23-09-0908	7218091	1347940	10-68	2	305	19,690	3.23	636	27	14,920	3.79	566	1-72	40	958	-.06	25	60
23-09-0908	7285622	1347940	9-68	3	289	16,443	3.78	621	45	14,393	3.73	537	7-72	42	683	.01	26	50
23-09-0908	7463494	1347940	5-69	2	305	21,400	3.16	676	25	15,065	3.66	552	4-72	40	1,120	-.07	30	71
23-09-0908	7463495	1347940	10-69	2	301	20,465	3.39	694	40	15,910	3.54	564	11-72	40	956	-.02	31	65
23-09-0908	7538886	1347940	10-69	2	296	19,790	3.32	658	40	15,565	3.56	554	10-72	40	916	-.03	29	62
23-09-0908	7538889	1347940	1-70	1	305	16,980	3.79	644	22	14,440	3.73	538	2-72	36	684	.01	26	50
23-09-7018	6793408	1347940	12-66	2	305	18,735	3.71	696	7	14,230	3.75	534	12-72	40	917	.01	34	66
23-09-7018	6793409	1347940	4-67	2	305	18,170	4.01	728	8	14,495	3.75	543	1-73	40	838	.04	37	65
23-09-7018	7375517	1347940	2-69	1	305	18,720	3.57	668	12	13,140	3.82	502	7-72	36	891	-.01	30	61
23-09-7018	7451461	1347940	8-69	1	305	17,890	3.57	638	9	13,660	3.81	521	12-72	36	799	-.01	27	55
23-09-7018	7451464	1347940	11-69	1	305	16,280	4.03	656	16	13,410	3.74	501	9-72	36	694	.03	29	53
23-10-0030	6154344	1415405	2-64	6	305	21,023	3.49	733	19	15,605	3.69	576	5-72	44	872	-.05	23	55
23-10-0030	6755902	1458744	11-66	4	305	18,575	4.03	749	24	15,592	3.64	567	4-73	44	770	.05	36	62
23-10-0030	6755905	1330987	12-66	4	303	19,407	3.31	643	26	15,700	3.64	572	7-72	44	729	-.01	24	50
23-10-0030	6950365	1399824	10-67	4	305	19,528	3.54	691	17	16,228	3.66	594	3-73	44	745	.00	27	53
23-10-0030	7542843	1526128	3-70	1	305	22,300	2.83	630	42	16,430	3.46	569	10-72	33	1,204	-.16	18	64
23-10-0045	5549199	1244845	3-62	7	298	22,947	3.41	783	15	16,430	3.69	607	10-72	44	1,075	-.07	28	67
23-10-0061	6799267	1320310	11-66	3	305	21,477	3.60	774	10	13,427	3.76	505	3-72	42	1,428	-.05	44	95
23-10-0061	7125988	1399824	5-68	2	305	19,030	3.32	632	8	13,820	3.79	524	3-72	40	828	-.03	25	55
23-10-0084	6806924	1399824	1-67	4	304	17,900	4.06	727	12	15,295	3.79	579	12-72	44	636	.07	33	54
23-10-0084	7456599	1441440	11-69	2	305	21,260	3.74	795	10	16,995	3.85	655	1-73	40	788	.02	32	59
23-10-0095	7263513	1406271	3-69	2	285	17,080	4.03	688	11	15,155	3.69	559	12-72	40	581	.08	33	51
23-10-0095	7294111	1347940	4-69	2	305	19,250	3.22	619	8	14,885	3.63	541	6-72	40	916	-.04	26	59
23-10-0095	7559575	1406271	5-70	2	300	16,235	4.10	665	6	14,450	3.47	502	4-73	40	552	.10	35	52
23-10-0095	7916988	1427381	10-69	2	304	18,065	3.76	680	13	14,815	3.78	560	11-72	40	1,001	.04	43	77
23-10-0096	6604610	1427615	4-66	5	305	18,122	3.70	670	11	14,904	3.69	550	8-72	44	831	-.07	19	50
23-10-0099	6484865	1237057	9-65	3	305	21,863	3.35	733	12	15,606	3.73	582	12-71	42	931	-.09	20	55
23-10-0099	7519240	1427381	9-69	1	305	24,280	4.13	1003	16	16,880	3.70	624	1-72	36	1,295	.10	62	105
23-10-0104	7468504	1427381	7-69	1	305	19,920	3.54	706	16	15,060	3.53	531	12-71	36	1,079	.04	45	82
23-10-0105	7351338	1415405	5-69	2	305	23,470	3.83	899	8	17,485	3.49	611	1-73	40	824	.02	33	61
23-10-0106	7143144	1393031	12-67	4	298	20,372	3.40	692	21	15,162	3.67	556	1-73	44	897	-.10	16	50
23-10-0106	7280952	1427615	9-68	2	305	20,695	3.45	713	20	14,405	3.76	541	9-72	40	1,073	-.12	20	60
23-10-0106	7785901	1399824	7-68	3	305	16,430	4.28	704	16	13,400	3.79	508	8-72	42	625	.09	36	56
23-10-0111	6967034	1436081	12-67	3	301	21,403	3.79	811	13	15,593	3.71	579	3-73	42	625	.06	31	51
23-10-0120	6331442	1441440	2-65	6	305	17,930	3.92	702	8	15,320	3.75	575	1-73	44	641	.06	32	53
23-10-0123	7422881	1427381	8-69	2	305	18,635	3.80	709	11	14,950	3.67	549	12-72	40	1,048	.04	47	82
23-10-0132	7570804	1526128	5-70	1	305	17,600	3.61	635	14	14,720	3.85	566	8-72	33	944	-.10	19	54
23-10-0132	7570805	1526128	5-70	1	305	18,480	3.39	626	14	14,720	3.85	566	8-72	33	1,013	-.12	18	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T O	C REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
23-10-0136	5931467	1411732	8-63	5	279	21,214	4.28	909	26	18,248	3.91	714	11-72		32	585	.10	37	$ 55
23-10-0136	6577860	1242221	7-66	4	302	24,353	3.47	845	12	17,738	3.78	671	8-72		42	1,505	-.04	47	101
23-10-0136	6788516	1399824	12-66	4	299	20,220	4.40	889	10	16,233	3.76	611	11-72		44	830	.13	50	76
23-10-0144	7330239	1320310	4-69	2	305	16,845	3.38	569	9	13,750	3.62	498	8-72		40	845	-.06	21	52
23-10-0145	7324802	1441440	12-68	2	305	20,090	3.60	724	5	15,560	3.64	567	7-72		40	786	.02	32	59
23-10-0145	7847491	1332076	11-67	1	305	24,320	4.72	1148	30	16,960	3.75	636	10-72		35	702	.14	47	68
23-10-7051	7248061	1320310	1-69	3	305	18,913	3.95	747	9	16,400	3.71	609	3-73		42	860	.01	32	62
23-10-7051	7479822	1526128	4-69	2	305	18,575	3.63	675	8	16,355	3.64	595	9-72		38	944	-.08	22	57
23-11-0002	7258815	1427615	11-68	2	305	21,870	3.32	726	11	15,260	4.02	613	2-72		40	1,123	-.15	16	59
23-11-0049	7299369	1340669	1-69	2	305	21,040	3.38	711	49	14,210	3.72	529	10-72		40	896	-.10	16	50
23-11-0049	7391880	1534555	7-69	2	305	20,815	3.90	812	38	15,395	3.71	571	2-73		29	864	.03	35	64
23-11-0049	7855250	1534555	3-71	1	305	22,410	3.15	706	38	15,040	3.70	556	1-73		23	879	-.08	19	52
23-13-0001	6614427	1347940	2-66	4	296	20,217	3.61	729	9	15,552	3.76	584	3-73		44	1,041	-.01	36	73
23-13-0001	7091960	1347940	3-68	2	305	19,445	3.80	738	6	15,110	3.88	587	2-72		40	918	.01	34	66
23-14-0005	6393236	1347940	9-65	5	304	19,010	4.01	762	44	15,852	3.77	597	1-72		44	875	.05	39	68
23-14-0005	6722918	1289586	1-67	3	305	20,273	3.99	809	50	15,007	3.77	566	2-72		41	778	.03	33	59
23-14-0005	7058703	1348259	1-68	3	305	19,553	3.58	700	43	14,613	3.72	543	7-72		42	816	-.01	28	57
23-14-0005	7240734	1357797	1-69	2	305	18,285	3.83	701	36	15,015	3.77	566	10-72		40	550	.11	36	53
23-14-0005	7261807	1399824	12-68	2	305	19,780	3.32	657	41	15,365	3.74	574	8-72		40	778	-.03	24	52
23-14-0020	6306584	1347940	12-64	6	305	17,010	3.73	634	12	14,613	3.69	539	12-72		44	745	.01	29	55
23-14-0023	5570565	1347940	1-62	6	298	16,811	3.71	624	18	13,476	3.76	507	6-72		44	836	.00	30	59
23-14-0023	6614996	1347940	4-66	3	304	20,486	3.37	691	15	16,250	3.80	617	12-72		42	977	-.05	27	62
23-14-0023	6845461	1347940	4-67	2	305	20,040	4.25	851	15	16,425	3.79	622	3-73		40	871	.08	43	71
23-14-0023	6845462	1347940	6-67	2	295	18,660	4.30	803	17	16,615	3.80	631	3-72		40	716	.07	37	60
23-14-0023	6988589	1347940	10-67	2	305	21,685	3.91	848	18	16,650	3.75	625	1-73		40	1,020	.03	42	77
23-14-0023	7211118	1347940	3-68	2	305	19,515	3.90	762	13	15,670	3.87	606	12-71		40	879	.02	35	65
23-14-0023	7211120	1379208	11-68	2	305	21,770	3.45	752	25	16,255	3.81	619	7-72		40	874	-.03	27	58
23-14-0024	5604292	1397561	6-62	9	304	21,817	3.29	718	17	16,073	3.82	614	11-72		44	894	-.07	21	54
23-14-0024	6657613	1347940	9-66	4	304	19,602	4.06	795	23	16,912	3.77	638	1-73		44	831	.06	39	66
23-14-0024	7191581	1493686	7-68	2	305	20,835	3.58	746	18	17,495	3.80	664	10-72		40	772	.01	29	56
23-14-0024	7339937	1458744	9-69	2	305	21,620	4.07	881	19	16,790	3.78	635	8-72		40	934	.05	41	72
23-14-0031	6745549	1347940	10-65	1	305	17,190	3.98	684	20	12,990	3.73	485	4-72		36	786	.03	33	60
23-14-0032	5918358	1352270	9-63	6	305	23,295	3.73	870	9	16,753	3.95	661	8-72		35	1,046	-.01	36	73
23-14-0032	6404227	1221226	9-65	3	305	25,647	3.58	917	11	18,080	3.88	702	9-72		42	824	-.06	21	51
23-14-0032	7215488	1453707	3-68	2	305	26,710	4.70	1255	20	16,810	3.78	636	5-72		25	1,308	.21	81	121
23-14-0032	7955429	1529296	6-70	1	305	31,740	4.64	1474	11	23,340	4.09	955	2-73		19	964	.15	58	88
23-14-0032	7955434	1441440	3-70	1	305	28,560	3.95	1127	10	23,780	4.24	1009	1-73		36	819	.02	32	60
23-14-0032	8098423	1441440	1-70	1	305	22,670	4.93	1118	17	18,680	3.89	726	6-72		36	684	.15	48	68
23-14-0047	6710064	1347940	7-66	4	305	21,872	3.30	722	23	16,080	3.59	578	7-72		44	1,193	-.04	36	79
23-14-0047	6710067	1347940	7-66	6	285	18,731	3.58	670	18	15,625	3.68	575	4-73		44	862	-.01	29	59
23-14-0047	6710068	1347940	10-66	2	305	20,400	3.63	740	11	15,880	3.55	564	10-72		40	952	.01	36	69
23-14-0047	6974245	1347940	8-67	4	300	16,922	4.33	732	23	15,340	3.65	560	10-72		44	655	.09	38	59
23-14-0047	7764663	1347940	12-70	1	305	18,240	3.85	702	10	15,950	3.51	560	12-72		36	688	.03	29	52
23-14-0053	6791547	1458744	7-66	5	305	17,138	4.10	703	16	14,788	3.87	573	3-73		44	680	.04	30	53
23-14-0053	7122105	1458744	11-67	3	305	18,480	3.83	708	22	14,963	3.94	590	9-72		42	799	.00	28	56
23-14-0053	7122106	1458744	1-68	4	305	19,320	3.37	651	16	15,777	3.76	594	2-73		44	843	-.06	21	52
23-14-0053	7215741	1458744	7-68	3	305	17,663	4.03	712	21	15,366	3.92	602	12-72		42	668	.02	27	50
23-14-0066	6638285	1347940	10-66	5	295	21,136	3.48	735	13	16,400	3.57	586	11-72		44	1,093	-.01	37	75
23-14-0066	7216482	1367353	8-68	3	305	21,760	3.58	779	13	16,560	3.63	601	10-72		42	675	.02	27	50
23-14-0072	6541509	1347940	11-65	2	305	18,075	4.38	792	8	16,475	3.73	614	4-72		40	668	.08	37	58
23-14-0072	6646052	1402118	10-66	4	293	20,720	3.50	725	7	15,290	3.90	596	3-72		43	840	-.07	20	51
23-14-0072	7577809	1399824	12-68	2	305	22,150	3.71	822	14	14,890	3.88	578	9-72		40	1,058	.01	40	77
23-14-0073	6678609	1347940	11-66	3	305	16,946	4.05	686	11	15,330	3.74	573	8-72		42	654	.05	31	53
23-14-0073	7310123	1347940	9-68	2	305	18,775	3.49	656	10	14,620	3.90	570	2-72		40	889	-.03	27	59
23-14-0073	7310125	1347940	3-69	2	305	20,840	3.49	727	13	14,560	3.74	545	11-72		40	1,104	-.02	36	75
23-14-0073	7310126	1347940	4-69	2	305	16,225	3.86	626	12	14,245	3.76	536	8-72		40	661	.02	27	50
23-14-0130	6141374	1347940	10-64	6	304	22,128	3.71	820	9	15,950	3.79	604	12-72		44	1,267	.00	46	90
23-14-0130	6365506	1347940	9-65	4	305	17,385	3.92	681	5	15,660	3.66	580	6-72		44	661	.04	30	52
23-14-0130	6718904	1347940	1-67	4	304	19,817	3.68	730	6	16,250	3.69	599	5-72		44	923	.01	34	66
23-14-0130	7138640	1347940	7-68	3	305	21,166	3.59	760	8	16,573	3.81	632	11-72		42	1,025	-.02	34	70
23-14-0130	7196359	1347940	11-68	2	305	21,270	3.58	762	5	16,875	3.89	657	10-72		40	960	-.02	31	65
23-14-0130	7379428	1347940	7-69	2	305	19,545	3.62	708	9	16,885	3.71	626	1-73		40	784	.00	28	55
23-14-0130	7379430	1347940	8-69	2	303	19,090	3.74	714	7	16,450	3.77	620	1-73		40	773	.01	29	56
23-14-0157	5892984	1199324	7-63	7	305	16,751	3.90	653	32	14,459	3.79	548	9-72		44	713	.02	28	52
23-14-0157	6978681	1357743	2-68	3	305	20,897	3.58	749	41	14,133	3.75	530	10-72		42	862	-.04	25	56
23-14-0157	7590814	1427381	12-69	2	303	17,995	3.56	640	25	14,705	3.64	535	2-73		40	1,003	.03	41	75
23-14-0164	6139279	1179372	6-64	6	305	19,228	3.91	752	14	15,948	3.59	572	9-72		44	636	.07	33	54
23-14-0164	7246276	1397561	11-68	3	301	22,460	3.42	769	18	17,133	3.65	625	11-72		42	791	-.03	24	52
23-14-0165	6399676	1347940	11-65	5	305	16,486	3.72	614	8	13,228	3.63	480	6-72		44	820	.02	32	60
23-14-0165	6715413	1347940	10-66	5	302	16,990	3.88	660	11	13,368	3.70	495	11-72		44	871	.03	36	66
23-14-0165	6789321	1347940	2-67	2	305	18,250	3.42	624	10	13,440	3.74	503	8-71		40	932	-.03	29	62
23-14-0165	6874312	1347940	7-67	2	305	18,055	3.65	659	13	13,605	3.80	517	9-71		40	899	.00	32	63
23-14-0165	6955389	1347940	11-67	1	305	16,140	3.80	613	13	12,680	3.56	452	5-72		36	727	.02	29	54
23-14-0165	6987970	1347940	11-67	3	305	17,720	3.76	667	14	13,136	3.69	485	11-72		42	945	.01	36	69
23-14-0167	7865215	1427381	3-70	1	305	15,570	4.08	636	24	13,230	3.62	479	4-72		36	864	.08	43	71
23-14-0174	7033557	1397561	12-67	3	305	19,586	3.60	706	13	13,096	3.76	493	1-73		42	832	-.01	29	58
23-14-0179	6609833	1347940	3-66	5	284	16,562	3.94	652	8	14,038	3.67	515	2-72		44	746	.04	33	58
23-14-0179	6993106	1347940	10-67	3	298	16,893	4.01	678	9	15,296	3.71	567	12-71		42	651	.04	30	52
23-14-0181	5436774	1347940	10-61	7	263	19,897	4.14	823	17	18,031	3.73	672	1-73		44	764	.07	39	64
23-14-0181	6275979	1175471	11-64	6	305	22,823	3.87	883	18	18,252	3.76	687	1-72		44	787	.06	38	64
23-14-0181	6674737	1347940	9-66	5	302	19,900	3.96	789	19	17,404	3.76	655	9-72		44	830	.05	37	65
23-14-0181	6813376	1399824	2-67	4	258	19,730	4.04	798	13	15,828	3.80	602	8-72		44	810	.06	39	66
23-14-0181	6926809	1347940	3-67	3	305	22,910	3.66	839	12	18,160	3.84	698	5-72		42	1,080	-.01	37	75
23-14-0181	6926810	1347940	11-67	3	298	20,513	3.70	758	9	18,316	3.84	704	2-72		42	790	-.01	27	55
23-14-0181	7285720	1347940	10-68	3	303	20,573	3.49	718	20	18,586	3.74	696	12-72		42	772	-.03	23	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-14-0181	7330569	1399824	10-68	2	300	23,260	3.30	768	11	18,635	3.82	711	4-72		40	866	-.05	24	$ 55
23-14-0181	7485224	1399824	8-69	2	305	21,095	3.96	835	21	18,405	3.65	672	10-72		40	665	-.07	34	56
23-14-0195	7113275	1347940	8-68	2	305	19,040	3.63	692	13	15,215	3.77	573	5-72		40	868	-.01	30	60
23-14-0202	7022293	1467405	11-67	3	305	22,663	3.68	833	14	17,047	3.64	620	4-72		42	793	.02	32	59
23-14-0202	7197395	1458744	9-68	3	305	17,820	4.11	732	19	15,273	3.70	565	9-72		42	694	.05	33	56
23-14-0202	7290893	1397561	2-69	2	305	24,215	3.31	802	11	16,615	3.71	617	8-72		40	936	-.05	26	60
23-14-0202	7424440	1427615	10-69	2	305	23,120	2.85	659	13	16,080	3.58	576	4-73		40	1,183	-.19	12	58
23-14-0202	7527114	1427615	12-69	1	305	24,890	3.35	833	13	15,780	3.73	589	7-72		36	1,163	-.13	21	65
23-14-0202	7872580	1347940	1-68	1	305	26,450	3.74	989	16	16,300	3.78	616	12-72		36	1,279	.01	47	91
23-14-0213	6649665	1347940	8-66	4	295	16,777	3.38	567	13	13,300	3.63	483	8-72		44	839	-.03	26	56
23-14-0213	6649667	1347940	9-66	4	305	18,420	3.78	696	22	13,322	3.66	488	12-72		44	1,039	.02	41	77
23-14-0213	6789910	1347940	9-66	5	294	19,060	3.46	659	14	14,342	3.63	520	4-73		44	1,037	-.02	34	71
23-14-0213	6789915	1347940	11-66	4	305	18,117	3.40	616	15	12,775	3.68	470	8-72		44	1,056	-.03	33	71
23-14-0213	7153644	1347940	11-67	4	296	16,662	3.60	599	24	14,410	3.61	520	12-72		44	715	.00	26	51
23-14-0213	7153645	1347940	11-67	4	288	17,030	3.38	575	19	13,690	3.68	504	9-72		44	831	-.03	25	55
23-14-0213	7153646	1347940	12-67	2	305	20,065	3.51	705	21	13,475	3.70	498	1-72		40	1,113	-.01	38	77
23-14-0215	6502488	1347940	1-66	5	298	18,656	3.33	621	16	15,586	3.63	566	2-72		44	857	-.04	24	55
23-14-0215	6759270	1347940	10-66	4	305	18,565	3.48	646	10	15,755	3.66	577	1-73		44	817	-.02	26	55
23-14-0215	7218178	1347940	7-68	2	305	18,745	3.46	648	16	15,225	3.67	558	7-72		40	837	-.02	27	57
23-14-0215	7778799	1458744	1-71	1	305	19,900	3.36	668	12	14,460	3.63	525	2-73		36	828	-.04	24	54
23-14-0215	7808251	1458744	12-70	1	305	19,220	3.50	673	12	14,460	3.63	525	2-73		36	777	-.02	25	53
23-14-0219	5941280	1347940	10-63	4	301	16,630	3.97	661	16	12,792	3.71	475	4-72		44	871	.04	38	67
23-14-0219	7440450	1504414	9-69	2	305	22,270	3.92	874	24	14,145	3.76	532	7-72		38	1,054	.09	52	86
23-14-0225	6633236	1347940	9-66	3	305	19,113	3.30	631	30	16,013	3.85	616	12-72		42	841	-.07	20	51
23-14-0225	7673735	1347940	1-70	1	305	17,170	3.92	673	15	14,820	3.52	522	2-72		36	676	.03	29	52
23-14-0237	7525517	1387978	10-69	1	305	19,140	3.40	651	9	13,940	3.83	534	2-72		36	797	-.04	23	52
23-14-0265	7375631	1347940	8-69	1	305	21,400	3.90	835	15	16,590	3.44	571	10-71		36	885	.05	39	69
23-14-0273	6440238	1347940	11-65	4	305	20,567	3.70	762	29	17,450	3.80	663	4-72		44	897	.00	32	63
23-14-0273	6556777	1347940	5-66	5	305	20,816	3.32	692	37	17,720	3.74	662	2-73		44	915	-.06	23	56
23-14-0273	6865418	1347940	9-67	3	305	22,756	3.38	769	38	17,870	3.77	673	1-72		42	1,089	-.05	31	70
23-14-0273	6954216	1347940	8-67	4	305	23,235	3.19	741	37	18,260	3.72	680	12-72		44	1,146	-.08	28	70
23-14-0273	7059944	1447750	11-67	2	305	25,610	3.16	808	48	18,530	3.59	665	10-72		40	916	-.08	20	54
23-14-0273	7156469	1387978	6-68	3	305	19,777	4.07	805	33	18,197	3.71	675	4-72		42	645	.05	31	52
23-14-0273	7194746	1347940	9-68	1	305	21,990	3.18	700	49	18,490	3.59	664	10-72		36	816	-.04	23	52
23-14-0273	7261964	1458744	11-68	2	305	25,500	3.67	935	33	18,170	3.64	661	4-72		40	1,216	.00	44	86
23-14-0273	7457134	1447414	11-69	2	305	21,845	3.46	756	39	18,930	3.62	686	1-73		40	954	-.05	27	61
23-14-0273	7520553	1447414	1-70	2	305	23,665	3.21	760	22	18,785	3.65	686	4-73		40	1,150	-.09	27	69
23-14-0284	8025069	1427381	8-70	1	305	18,360	3.26	599	14	14,850	3.45	513	10-72		36	975	.02	38	72
23-14-0301	6315451	1347940	12-64	6	301	16,055	3.96	635	6	13,558	3.67	497	3-73		44	731	.04	33	57
23-15-0005	6268422	1436081	12-64	3	305	20,166	3.95	796	14	14,453	3.79	548	8-71		42	587	.07	32	51
23-15-0005	6628471	1309574	8-66	3	305	21,213	3.73	792	14	15,943	3.69	589	1-73		42	837	.05	38	66
23-15-0005	6628472	1309574	9-66	3	305	18,807	3.98	749	16	15,307	3.74	573	11-72		42	619	.08	35	55
23-15-0072	7263712	1347940	9-68	3	284	18,440	3.52	649	10	14,913	3.82	570	1-73		42	865	-.03	26	57
23-15-0122	6668482	1467405	9-66	5	277	21,628	3.44	743	36	16,298	3.61	588	12-72	B	44	819	-.02	27	56
23-15-0122	6711934	1309574	10-66	4	305	18,593	4.08	758	46	15,618	3.70	578	12-72		44	588	.10	37	55
23-15-0122	6711966	1320310	10-66	3	305	23,377	3.05	713	59	16,560	3.74	620	5-72		42	1,358	-.14	27	78
23-15-0122	6936318	1309574	6-67	4	304	19,450	3.94	766	56	15,568	3.71	577	9-72		44	699	.08	38	60
23-15-0122	7257723	1427615	12-68	3	305	22,017	3.24	714	48	16,517	3.71	612	1-73		42	1,100	-.15	16	58
23-15-0122	7257730	1309574	10-68	3	305	21,750	3.49	758	43	16,420	3.64	597	1-73		42	855	.01	33	62
23-15-0122	7257731	1309574	11-68	3	305	19,900	3.89	774	36	16,913	3.67	620	2-73		42	597	.08	33	52
23-15-0122	7362503	1320310	5-69	2	305	19,820	3.58	709	67	15,920	3.74	596	7-72		40	970	-.05	27	62
23-15-0122	7362504	1320310	5-69	2	305	19,300	3.68	711	72	15,750	3.73	588	7-72		40	932	-.04	28	61
23-15-0122	7445420	1427615	7-69	2	305	21,125	3.25	686	64	15,570	3.76	585	7-72		40	1,022	-.15	14	53
23-15-0218	6194859	1393175	7-64	6	305	23,255	3.42	796	15	16,092	3.79	610	4-72		34	1,131	-.07	29	70
23-15-0218	6820087	1458744	1-67	3	305	18,990	3.55	674	16	15,133	3.81	577	11-72		42	842	-.03	25	55
23-15-0218	7342039	1348259	4-69	2	305	20,100	3.89	782	44	16,955	3.63	615	9-72		40	623	.04	29	50
23-15-0218	7426676	1399824	7-69	2	305	21,795	3.43	747	21	16,095	3.80	612	9-72		40	924	-.02	30	63
23-15-0218	7762297	1441440	11-70	1	305	22,910	3.62	829	16	17,020	3.81	649	11-72		36	801	.01	31	59
23-15-0231	5851787	1189870	8-62	7	303	20,281	3.62	735	25	14,936	3.78	564	7-72		44	853	.00	30	60
23-15-0231	6235556	1320310	9-64	4	302	18,100	3.50	634	31	15,143	3.78	572	9-72		44	896	-.07	22	55
23-15-0231	6727204	1399824	5-66	5	301	19,514	3.47	678	31	15,290	3.75	573	12-72		44	856	-.02	28	58
23-15-0240	7907949	1347940	10-69	2	305	15,605	4.10	640	18	13,055	3.91	511	12-72		40	695	.03	30	53
23-15-0295	5517844	1373928	1-62	10	300	21,738	3.87	842	13	18,288	3.64	665	11-72		34	775	.06	37	63
23-15-0295	6473616	1399824	10-65	6	301	21,968	3.67	806	21	18,313	3.77	690	2-73		44	861	.01	33	63
23-15-0295	6663205	1399824	8-66	5	304	23,452	2.95	693	23	18,540	3.64	675	10-72		44	1,029	-.11	20	59
23-15-0295	6987008	1399824	8-67	4	305	22,305	4.38	978	25	18,318	4.09	749	1-73	H	44	882	.10	47	75
23-15-0295	7225145	1489993	7-68	3	305	21,123	4.12	871	21	19,446	3.68	716	12-72		36	551	.11	37	53
23-15-0295	7225154	1347940	12-68	2	305	22,830	3.04	694	27	18,125	3.82	693	7-72		40	1,016	-.10	21	59
23-15-0295	7458327	1538232	11-69	1	305	25,590	4.08	1045	16	17,900	3.78	676	6-72		26	706	.11	42	64
23-15-0295	7502609	1538232	9-69	2	298	22,540	3.94	888	31	18,480	3.70	684	9-72		32	544	.10	34	51
23-15-0296	6958942	1347940	12-67	3	305	16,926	4.05	686	10	14,610	3.98	582	6-72		42	718	.03	30	54
23-15-0296	7221029	1347940	9-68	3	292	18,506	3.53	654	14	16,130	3.74	603	11-72		42	760	-.02	24	51
23-15-0296	7221030	1347940	11-68	2	305	19,725	3.57	705	17	16,110	3.76	606	3-73		40	865	-.01	29	59
23-15-0296	7221031	1458744	12-68	2	305	20,460	3.44	703	16	15,745	3.84	605	4-73		40	901	-.05	25	58
23-15-0334	6486421	1347940	1-66	4	305	16,142	3.66	590	6,	13,802	3.73	515	12-71		44	710	.00	25	50
23-15-0334	6513056	1347940	11-65	3	286	16,303	3.56	581	5	12,846	3.64	467	2-73		42	809	-.01	28	56
23-15-0338	7162087	1399824	9-68	3	297	20,660	3.28	678	21	17,063	3.63	619	12-72		42	775	-.03	23	51
23-15-0338	7671881	1458744	9-70	1	305	18,590	4.24	789	21	15,580	3.76	586	9-72		36	664	.04	30	52
23-15-0338	7671883	1450228	10-70	1	305	19,630	4.06	796	25	16,330	3.68	601	12-72		36	776	.01	30	57
23-15-0344	6362481	010284567	9-65	6	305	23,507	3.51	826	29	17,585	3.74	658	2-73		32	1,033	-.04	31	68
23-15-0344	6489724	1347940	1-66	4	305	20,912	3.70	773	30	16,257	3.75	610	8-72		44	1,057	.01	39	76
23-15-0344	6605278	1458744	4-66	4	290	18,875	4.06	766	24	17,160	3.74	642	11-72		44	652	.05	31	53
23-15-0344	6633233	1347940	9-66	4	305	23,055	3.65	841	20	17,235	3.81	656	8-72		44	1,225	-.01	42	85
23-15-0344	6633238	1347940	9-66	3	304	19,320	3.48	673	30	17,273	3.68	635	12-71		42	749	-.03	23	50
23-15-0344	6633240	1347940	10-66	4	305	22,397	3.46	776	31	17,530	3.74	656	1-72		44	1,115	-.04	34	74

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S RECS	AVERAGE DAYS	MILK (LB)	PRODUCTION FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT D	(%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
23-15-0344	7405917	1399824	10-69	1	305	18,710	4.56	853	42	16,100	3.80	611	8-72		36	552	.10	35	$ 52
23-15-0344	7441038	1393997	10-67	3	264	21,920	3.62	793	47	17,910	3.70	663	12-71	B	42	843	-.00	30	59
23-15-0412	6974133	1347940	8-67	1	305	19,710	3.52	693	26	15,400	3.88	598	8-72		36	830	-.02	27	56
23-15-0412	6976603	1399824	6-67	4	302	19,668	4.33	852	12	16,518	3.87	640	1-73		44	734	.10	42	65
23-15-0412	7237184	1399824	3-68	3	305	20,590	4.72	972	8	16,077	3.92	630	5-72		42	857	.16	56	82
23-15-0412	7237191	1399824	11-68	3	292	18,330	3.91	716	14	15,543	3.86	600	10-72		42	647	.04	29	51
23-15-0412	7237192	1399824	11-68	2	294	18,720	3.82	715	15	15,020	3.80	571	10-72		40	699	.03	30	54
23-15-0420	6350227	1320310	8-64	7	297	16,991	3.85	655	13	14,179	3.88	550	1-73		44	862	-.02	28	59
23-15-0420	7162528	1309574	10-66	4	305	16,960	4.19	711	13	14,210	3.83	544	3-73		44	526	.10	34	50
23-15-0423	6827723	1386406	1-67	3	264	20,070	3.55	712	9	15,790	3.70	584	8-71	B	42	712	.00	25	50
23-15-0432	6980302	1320310	11-67	1	305	15,860	3.68	583	13	11,960	3.60	431	4-72		36	835	-.03	25	55
23-15-0432	7228321	1320310	1-69	2	305	17,050	3.18	542	12	13,030	3.65	476	5-72		40	924	-.09	20	54
23-15-0448	7117512	1399824	7-68	2	305	21,925	3.60	789	20	16,980	3.74	635	1-73		40	865	.01	32	62
23-15-0448	7283271	1320310	11-68	2	305	19,610	3.72	730	18	17,285	3.88	671	7-72		40	838	-.05	23	53
23-15-0448	7548534	1441440	11-69	2	305	20,580	4.22	869	14	17,235	3.68	634	10-72		40	699	.10	41	63
23-15-0461	6610897	1347940	9-66	4	305	20,615	3.45	711	20	15,592	3.66	570	10-72		44	1,086	-.03	35	73
23-15-0461	7349357	1309574	1-69	2	305	19,930	3.74	745	20	14,775	3.51	519	7-72		40	734	.07	37	61
23-15-0470	7360111	1458744	12-68	2	305	21,600	3.00	649	31	15,310	3.50	536	7-72		40	1,082	-.08	25	64
23-15-0470	7360112	1458744	12-68	2	305	16,700	4.45	743	27	15,095	3.52	531	6-72		40	572	.09	35	53
23-15-0470	7440377	1458744	10-69	1	305	19,540	3.97	775	32	14,360	3.80	546	7-72		36	807	.01	31	59
23-15-0470	7440391	1427381	9-69	1	305	18,500	4.24	785	29	14,370	3.82	549	6-72		36	1,014	.09	50	83
23-15-0470	7462364	1458744	8-69	2	305	22,400	2.97	665	31	15,650	3.49	546	12-72		40	1,106	-.09	26	67
23-15-0470	7462367	1458744	12-69	1	305	21,590	3.35	723	24	13,930	3.85	537	6-72		36	986	-.05	28	64
23-15-0470	7687208	1458744	8-70	1	305	18,650	3.37	629	30	13,850	3.78	523	9-72		36	771	-.04	22	50
23-15-0470	7687211	1458744	10-70	1	305	20,500	3.26	668	30	14,650	3.75	550	10-72		36	862	-.05	23	54
23-15-0478	6477982	1347940	2-66	4	293	17,055	3.78	644	43	14,677	3.70	543	5-72		44	737	.02	29	54
23-15-0478	6546743	1451888	10-65	5	305	19,260	3.80	731	46	15,358	3.69	567	1-73		35	740	.02	29	54
23-15-0478	6570482	1448051	5-66	4	305	19,828	3.27	648	43	15,603	3.65	569	1-72		37	996	-.08	24	61
23-15-0478	6652567	1347940	8-66	3	302	18,100	3.23	585	36	14,690	3.72	546	7-72		42	846	-.06	21	52
23-15-0478	6652570	1347940	10-66	3	305	17,653	3.34	590	43	14,763	3.66	541	8-72		42	788	-.04	22	50
23-15-0478	6656587	1347940	10-66	3	298	17,663	3.59	634	43	15,446	3.69	570	2-73		42	726	-.01	25	50
23-15-0478	6664096	1347940	12-66	4	305	18,940	3.45	653	44	15,580	3.64	567	1-73		44	880	-.02	28	59
23-15-0478	6865635	1347940	5-67	3	305	22,020	3.09	681	40	15,013	3.70	555	5-72		42	1,267	-.09	32	78
23-15-0478	6933821	1399824	7-67	3	303	19,123	3.54	677	55	15,690	3.68	578	11-72		42	724	.01	27	52
23-15-0478	7190371	1347940	11-68	1	305	23,720	3.77	894	39	14,360	3.73	536	8-72		36	1,191	.01	45	86
23-15-0478	7278078	1347940	1-69	2	305	18,105	3.93	712	44	14,835	3.70	549	8-72		40	804	.03	34	61
23-15-0478	7346816	1347940	4-69	1	305	18,640	3.96	738	41	15,390	3.75	577	2-72		36	751	.03	31	57
23-15-0478	7416951	1347940	10-69	1	305	20,210	3.66	740	49	15,920	3.72	593	1-72		36	837	.00	30	59
23-15-0478	7492517	1458744	10-69	1	305	21,220	3.85	816	46	16,000	3.72	595	3-72		36	835	.01	31	60
23-15-0478	7721652	1441440	10-70	1	305	19,030	4.08	776	55	15,400	3.58	552	9-72		36	608	.07	33	52
23-15-0478	7721653	1441440	10-70	1	305	22,330	2.77	618	55	15,640	3.51	549	10-72		36	840	-.06	21	52
23-15-0478	7721654	1441440	10-70	1	305	19,780	3.78	747	48	16,280	3.43	559	1-73		36	612	.05	30	50
23-15-0507	6921572	1347940	9-67	4	305	20,907	4.37	914	13	18,240	3.89	710	4-73		44	861	.10	46	74
23-15-0507	6921574	1347940	11-67	4	290	21,527	3.70	797	17	17,405	3.99	698	11-72		44	1,012	-.02	33	69
23-15-0507	6921575	1399824	9-67	4	304	19,508	3.98	777	26	16,475	3.98	655	8-72		44	718	.04	32	56
23-15-0507	7139868	1347940	8-68	3	305	19,976	4.10	819	20	17,286	3.95	683	12-72		42	823	.04	36	64
23-15-0507	7446423	1399824	9-69	2	305	18,920	4.50	852	18	17,420	3.98	694	11-72		40	524	.10	34	50
23-15-0515	5451020	1189870	11-61	7	300	18,916	4.26	806	17	15,236	3.75	571	1-73		44	646	.10	39	59
23-15-0515	6269851	1320310	8-64	7	305	18,267	3.22	589	25	14,573	3.71	541	10-72		44	986	-.10	20	37
23-15-0515	7476704	1491007	7-69	1	305	18,330	3.49	640	12	15,170	3.61	548	2-72		35	758	.00	27	53
23-15-0519	7225146	1489993	8-68	2	305	17,265	3.36	580	12	12,120	3.90	473	9-71		33	747	-.03	23	50
23-15-0561	7179939	1399824	5-68	3	304	19,377	3.40	659	13	15,103	3.71	560	10-72		42	807	-.02	26	55
23-15-0569	6762315	1399824	6-66	4	298	20,103	3.75	757	21	13,840	3.68	510	9-72		44	1,082	.04	44	80
23-15-0569	7227898	1320310	1-69	2	304	16,505	3.30	544	21	13,610	3.56	484	5-72		40	822	-.06	20	50
23-15-0570	7499740	1347940	12-68	2	305	19,435	3.60	699	21	16,715	3.70	619	11-72		40	786	-.01	27	55
23-15-0570	7704662	1447414	10-70	1	305	22,320	3.39	757	22	16,750	3.65	612	2-73		36	1,053	-.06	29	67
23-15-0579	6203296	1320310	10-64	6	304	18,850	3.49	658	80	15,768	3.58	564	7-72		44	938	-.04	27	61
23-15-0579	6203298	1320310	10-64	5	303	18,012	3.64	655	58	15,836	3.56	563	5-72		44	823	-.02	26	55
23-15-0579	6596067	1320310	7-65	6	296	17,852	3.64	650	90	15,915	3.61	575	12-72		44	794	-.03	24	52
23-15-0579	6596099	1320310	1-66	4	305	17,910	3.65	653	90	16,055	3.61	579	10-72		44	782	-.03	24	52
23-15-0579	6596100	1320310	1-66	3	305	19,017	3.49	664	80	15,697	3.65	573	5-72		42	936	-.06	25	59
23-15-0579	6612697	1320310	4-66	5	305	20,276	3.15	639	86	15,718	3.59	565	2-73		44	1,127	-.10	24	66
23-15-0579	7009132	1320310	9-66	4	305	18,068	3.53	637	84	16,180	3.64	589	6-72		44	789	-.05	21	50
23-15-0579	7009134	1393031	9-67	2	305	21,795	3.84	837	76	15,835	3.73	590	1-72		40	884	-.04	25	57
23-15-0579	7009141	1320310	10-66	4	305	19,553	3.44	673	78	16,173	3.62	585	9-72		44	974	-.06	26	61
23-15-0579	7009155	1320310	12-66	4	305	20,318	3.45	700	101	15,898	3.62	575	1-73		44	1,095	-.06	30	70
23-15-0579	7009162	1320310	1-67	4	299	20,183	3.62	731	101	15,868	3.62	575	11-72		44	1,082	-.03	34	72
23-15-0579	7009164	1320310	2-67	3	305	18,477	3.83	708	80	16,293	3.65	594	8-72		42	819	.00	29	59
23-15-0579	7148136	1347940	3-68	2	305	19,610	3.71	728	145	15,780	3.70	584	12-71		40	880	-.01	33	63
23-15-0579	7209659	1320310	1-67	4	299	18,770	3.26	611	119	15,905	3.65	581	10-72		44	903	-.09	18	52
23-15-0579	7457759	1427615	7-69	2	301	21,125	3.47	734	123	16,160	3.73	603	9-72		40	974	-.12	17	54
23-15-0579	7457764	1393031	7-68	3	290	23,276	3.36	783	107	16,233	3.70	600	12-72		42	1,093	-.12	21	62
23-15-0579	7457839	1427615	3-69	2	305	23,280	3.38	788	117	16,470	3.70	609	11-72		40	1,168	-.13	22	66
23-15-0579	7457842	1427615	7-69	2	305	20,500	3.64	747	117	16,470	3.70	609	11-72		40	886	-.09	18	51
23-15-0579	7457844	1427615	7-69	2	305	22,425	3.34	750	144	16,300	3.72	607	10-72		40	1,095	-.14	18	60
23-15-0579	7561588	1406271	11-69	2	286	19,010	4.09	778	108	17,410	3.66	638	12-72		40	594	.09	35	54
23-15-0579	7584644	1427615	9-69	2	305	23,680	3.27	775	133	16,140	3.72	601	9-72		40	1,235	-.14	22	69
23-15-0579	7584645	1427615	9-69	2	305	20,800	3.59	746	139	16,500	3.73	615	10-72		40	914	-.10	17	51
23-15-0579	7584658	1427615	11-69	1	305	23,610	3.37	796	53	16,650	3.80	633	3-72		36	1,016	-.13	16	55
23-15-0579	8022580	1427615	12-69	1	305	23,500	3.23	759	118	16,240	3.71	602	7-72		36	1,032	-.14	15	54
23-15-0579	8043504	1427615	6-70	1	305	22,770	3.48	793	123	16,240	3.69	600	8-72		36	978	-.11	18	55
23-15-0580	6888950	1347940	10-67	4	297	18,437	3.76	693	12	14,275	3.66	523	8-72		44	947	.02	37	70
23-15-0580	7006245	1347940	1-68	3	305	16,810	3.56	599	8	14,276	3.55	507	6-72		42	736	.00	26	52
23-15-0580	7006246	1347940	2-68	3	294	18,493	3.51	650	11	14,370	3.56	512	9-72		42	921	-.01	32	64
23-15-0580	7270508	1347940	2-69	2	305	19,880	3.11	618	7	14,710	3.56	523	2-72		40	994	-.06	27	63

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
23-15-0593	6711967	1320310	10-66	3	305	18,563	3.69	685	28	15,687	3.82	599	3-72		42	885	-.04	25	$ 57
23-15-0622	6555968	1347940	3-66	5	296	20,910	3.45	722	20	16,966	3.55	602	3-73		44	1,005	-.02	33	69
23-15-0622	6692245	1347940	8-66	4	298	20,382	3.69	753	25	14,342	3.88	556	11-72		44	1,181	-.01	41	82
23-15-0622	6902312	1383247	6-67	3	305	21,903	3.25	712	30	14,696	3.74	549	6-72		42	1,023	-.10	21	59
23-15-0622	7007931	1347940	10-67	2	305	19,740	3.78	747	20	14,540	3.84	559	12-71		40	994	.01	37	71
23-15-0622	7475565	1458744	10-69	2	305	17,740	4.05	719	18	14,885	3.87	576	3-73		40	695	.03	29	53
23-15-0630	6547779	1441440	2-66	3	305	16,573	4.04	670	9	13,296	3.65	485	7-72		42	643	.08	35	56
23-15-0630	7051296	1347940	10-67	3	305	16,553	3.50	580	9	13,813	3.63	501	5-72		42	749	-.01	25	51
23-15-0630	7051298	1320310	12-67	2	305	18,055	3.26	589	11	14,095	3.72	525	3-72		40	940	-.08	21	56
23-15-0630	7292411	1320310	12-67	2	305	18,485	3.48	643	10	13,995	3.71	519	5-72		40	991	-.06	27	63
23-15-0633	7002141	1309574	9-67	4	305	20,368	3.57	728	26	17,145	3.69	632	11-72		44	657	.03	28	50
23-15-0633	7002146	1399824	11-67	3	305	26,750	3.27	875	21	18,273	3.68	672	4-72		42	1,364	-.05	41	90
23-15-0633	7014903	1413165	12-67	3	305	22,120	3.51	777	15	17,600	3.74	659	8-72		42	895	-.10	16	50
23-15-0644	7096932	1320310	1-68	2	305	16,750	3.87	648	7	14,045	3.87	543	3-72		40	811	-.03	25	54
23-15-0646	6721145	1347940	7-66	4	304	21,002	3.52	740	14	15,245	3.79	578	5-72		44	1,168	-.03	38	79
23-15-0646	6732581	1399824	8-66	5	245	17,126	4.27	731	32	14,548	3.82	556	11-72		44	625	.10	37	56
23-15-0646	7451169	1441440	1-70	1	305	17,960	4.08	733	21	14,080	3.84	541	8-72		36	607	.05	30	50
23-15-0646	7492570	1441440	1-70	1	305	21,210	3.42	725	16	14,210	3.81	541	7-72		36	842	.00	30	59
23-15-0648	7474107	1458744	11-69	2	305	23,430	3.56	833	12	16,815	3.72	625	11-72		40	1,116	-.03	36	76
23-15-0648	7474108	1458744	12-69	2	299	20,475	3.72	761	12	17,300	3.73	646	12-72		40	776	-.01	27	54
23-15-0648	7583377	1458744	10-69	2	305	20,170	3.96	798	13	17,105	3.73	638	12-72		40	761	.03	32	58
23-15-0666	7164104	1347940	4-68	3	302	16,930	3.60	609	15	14,343	3.80	545	8-72		42	743	-.02	24	50
23-15-0670	6843783	1458744	5-67	3	305	18,373	3.33	612	8	14,696	3.59	527	11-72		42	811	-.04	23	52
23-15-0680	5704278	1391986	10-62	8	305	19,399	3.88	752	88	14,980	3.53	529	2-73		36	907	.07	44	74
23-15-0680	6233224	1122127	11-64	4	296	20,003	2.91	582	81	13,403	3.57	479	7-72		44	1,070	-.14	16	57
23-15-0680	6352080	1320310	3-65	5	304	18,130	3.07	557	94	14,282	3.54	506	8-72		44	998	-.11	19	56
23-15-0680	6500189	1347940	10-65	4	303	18,920	3.62	685	114	14,497	3.47	503	12-71		44	985	.02	38	72
23-15-0680	6607331	1458744	6-66	4	300	19,452	3.33	647	93	15,227	3.34	509	1-73		44	914	-.02	29	61
23-15-0680	6703464	1458744	11-66	4	293	17,782	3.53	627	115	14,895	3.38	504	9-72		44	741	.00	27	53
23-15-0680	6983131	1458744	9-67	2	305	19,200	3.15	604	87	15,210	3.57	543	6-72		40	817	-.06	20	50
23-15-0680	7040419	1347940	11-67	3	305	19,486	3.12	608	130	15,213	3.39	515	12-72		42	957	-.05	27	62
23-15-0680	7068292	1237057	12-67	3	305	21,326	3.13	668	114	14,866	3.45	513	10-72		42	938	-.09	19	54
23-15-0680	7214861	1355784	7-68	2	301	21,235	3.00	638	120	14,935	3.33	497	5-72		40	1,102	-.12	20	62
23-15-0680	7284842	1387978	1-69	2	305	17,805	4.17	743	136	14,450	3.42	494	7-72		40	731	.08	38	62
23-15-0680	7325765	1458744	3-69	2	300	17,945	3.69	663	141	14,315	3.42	490	8-72		40	762	.02	30	56
23-15-0680	7325768	1458744	5-69	2	305	23,475	2.61	612	140	15,580	3.40	529	12-72		40	1,221	-.14	22	68
23-15-0680	7325777	1367353	5-69	1	305	26,080	3.32	865	171	16,260	3.53	574	2-72		36	792	.00	28	56
23-15-0680	7460069	1458744	8-69	2	302	24,400	3.44	839	145	15,410	3.42	527	11-72		40	1,328	-.02	45	92
23-15-0680	7562059	1458744	11-69	1	305	21,970	3.30	724	156	16,050	3.54	568	2-72		36	888	-.04	26	58
23-15-0680	7562060	1458744	11-69	1	305	21,210	3.36	712	113	15,480	3.55	549	4-72		36	865	-.03	26	57
23-15-0680	7596585	1458744	10-69	1	305	21,490	3.29	708	139	16,000	3.54	566	3-72		36	855	-.04	25	56
23-15-0680	7607750	1458744	3-70	1	305	21,060	3.17	668	156	16,050	3.54	568	2-72		36	820	-.05	22	52
23-15-0680	7709027	1458744	10-70	1	305	21,880	2.67	584	140	15,240	3.44	525	10-72		36	929	-.10	18	53
23-15-0680	7820717	1458744	12-70	1	305	23,080	2.84	655	78	16,370	3.17	519	3-73		36	951	-.07	24	59
23-15-0685	7209161	1347940	1-69	2	305	17,220	3.86	664	27	14,240	3.63	517	11-72		40	763	.03	32	58
23-15-0698	7055479	1399824	7-67	1	305	17,300	4.87	843	20	12,120	3.57	433	10-72		36	684	.13	45	66
23-15-7063	7164916	1320310	7-68	3	305	19,097	3.77	720	8	16,377	3.77	618	4-73		42	883	-.02	28	59
23-16-0004	7319105	1320310	3-69	1	305	19,340	3.74	723	11	15,860	3.72	590	8-72		36	861	-.03	26	57
23-16-0004	7388922	1427615	3-69	1	305	22,490	3.58	805	9	15,750	3.90	615	11-72		36	986	-.11	18	55
23-16-0017	6318288	1441440	4-65	5	305	21,624	3.76	814	21	16,682	3.82	637	11-72		44	976	.03	40	73
23-16-0017	6637578	1406271	8-66	5	305	18,402	4.13	760	29	16,700	3.96	662	11-72		44	622	.08	34	54
23-16-0017	7193054	1399824	8-68	2	305	21,095	3.96	835	18	16,575	4.07	675	5-72		40	814	.03	34	62
23-16-0017	7229272	1516502	12-68	2	305	21,295	3.92	835	19	16,025	3.89	624	8-72		29	751	.03	31	57
23-16-0017	7229274	1399824	12-68	2	303	19,470	4.77	928	39	16,320	3.98	650	9-72		40	669	.14	45	65
23-16-0017	7375185	1516502	3-69	2	305	22,545	3.85	867	26	16,840	4.05	682	12-72		29	823	.00	29	58
23-16-0017	7449886	1337741	3-69	2	305	21,540	3.85	829	34	16,545	3.98	659	11-72		40	719	.01	27	52
23-16-0045	6351245	1441440	1-65	5	305	17,580	4.07	715	8	13,208	3.62	478	10-71		44	813	.09	43	69
23-16-0089	6633778	1441440	3-66	3	305	20,450	3.70	757	12	15,413	3.56	548	3-72		42	894	.04	39	69
23-16-0093	6722583	1441440	1-67	2	305	22,125	3.62	802	22	17,825	3.58	639	10-72		40	808	.03	34	61
23-16-0093	7066041	1427615	7-67	2	301	23,295	3.45	803	17	18,155	3.59	652	12-72		40	1,033	-.11	20	59
23-16-0093	7385168	1399824	4-69	2	305	22,400	3.51	787	20	17,380	3.60	626	8-72		40	881	.01	33	63
23-16-0093	7413066	1512026	8-69	2	301	22,370	3.11	695	20	17,590	3.63	638	9-72		39	987	-.09	22	59
23-16-0093	7752751	1458744	1-71	1	305	23,810	3.63	865	25	17,920	3.59	643	11-72		36	913	-.01	32	64
23-16-0094	7454211	1512026	4-69	1	305	17,800	4.51	803	17	15,560	3.79	590	12-72		35	645	.05	31	52
23-17-0030	6973707	1347940	12-67	3	305	20,173	3.71	749	15	15,196	3.76	572	9-72		42	1,038	.00	38	74
23-17-0030	7026797	1399824	4-68	3	304	18,700	3.79	708	16	15,160	3.65	553	10-72		42	724	.04	32	56
23-17-0067	7820213	1441440	7-70	1	305	19,350	3.90	754	16	15,580	3.61	562	9-72		36	621	.06	31	51
23-17-0067	7830458	1441440	10-70	1	305	21,850	3.61	788	16	15,580	3.61	562	9-72		36	808	.03	33	61
23-18-0017	5475302	1347940	4-61	8	300	17,355	3.66	635	10	14,923	3.56	532	9-71		44	757	.01	29	55
23-18-0017	6930453	1347940	12-67	3	305	19,650	3.67	721	9	14,940	3.51	525	7-72		42	1,001	.02	39	73
23-18-0017	7746775	1347940	6-69	2	305	18,240	3.46	632	7	14,435	3.58	517	10-72		40	850	-.01	29	59
23-18-0018	6260522	1199324	10-63	6	305	19,880	3.38	672	35	15,455	3.90	603	5-72		44	1,014	-.07	25	62
23-18-0057	6420204	1347940	8-65	2	305	20,800	3.54	736	13	16,195	3.59	582	3-72		40	967	.00	34	68
23-18-0057	6496621	1347940	1-66	5	301	17,830	3.76	670	10	15,856	3.68	583	4-72		44	722	.02	29	54
23-18-0057	6951289	1347940	1-68	3	305	19,720	3.87	763	11	16,063	3.66	588	4-72		42	906	.03	38	69
23-18-0057	7312866	1347940	2-69	3	304	21,593	3.29	710	13	15,910	3.65	580	3-73		42	1,135	-.05	33	74
23-18-0057	7312867	1347940	3-69	2	297	18,985	3.34	635	17	15,215	3.67	559	7-72		40	862	-.03	26	57
23-18-0057	7312868	1347940	4-69	2	301	18,845	3.34	630	21	15,275	3.67	561	8-72		40	843	-.03	25	55
23-18-0057	7395857	1347940	10-69	2	305	20,775	3.40	707	22	15,125	3.72	563	11-72		40	1,051	-.03	33	70
23-18-0060	7145799	1347940	8-68	2	305	18,710	3.86	722	12	15,775	3.68	580	3-72		40	789	.03	33	60
23-18-0060	7379588	1347940	8-69	2	305	18,305	3.76	689	16	14,675	3.73	548	1-73		40	837	.01	32	61
23-18-0062	7249703	1379208	12-68	3	305	20,867	3.92	818	23	17,597	3.73	656	1-73		42	719	.05	33	57
23-18-0075	6825984	1347940	3-67	4	297	18,747	3.74	701	25	14,882	3.80	565	10-71		44	925	.00	34	66
23-18-0075	6945350	1347940	7-67	4	305	18,552	3.62	671	30	15,340	3.79	581	1-73		44	856	-.01	29	59
23-18-0075	7122866	1379208	5-68	3	297	20,207	3.70	747	29	15,320	3.82	585	5-72		42	854	.00	31	61

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOLLARS
23-18-0094	7115752	1347940	1-68	4	302	17,645	3.68	650	12	14,040	3.65	513	9-72		44	873	.01	33	$ 63
23-18-0094	7229320	1347940	1-69	2	295	18,555	3.69	685	13	14,555	3.68	535	12-71		40	872	.01	33	63
23-18-0098	6496156	1347940	2-66	4	298	19,435	3.46	673	17	15,345	3.83	587	5-72		44	965	-.04	28	63
23-18-0098	6586107	1469311	4-66	5	302	17,308	4.32	748	27	14,440	3.66	529	10-72		44	462	.14	37	50
23-19-0006	7087767	1347940	2-68	3	305	17,793	3.83	682	12	13,903	3.88	539	11-72		42	883	.01	33	64
23-19-0043	6753708	1347940	1-67	5	295	18,058	3.74	676	10	14,216	3.85	547	12-72		44	921	.00	33	65
23-19-0043	6954521	1347940	7-67	3	302	16,053	3.81	611	8	13,786	3.79	522	4-73		42	694	.01	26	50
23-19-0043	7685174	1347940	8-69	2	305	16,695	3.86	645	11	13,810	3.71	512	10-72		40	744	.03	31	56
23-19-0090	6900795	1468947	11-66	4	305	19,707	3.67	723	39	14,537	3.92	570	1-73		33	815	-.01	27	56
23-19-0090	7613466	1427381	11-69	1	305	16,050	3.79	609	41	14,470	3.99	578	6-72		36	826	.03	35	63
23-19-0090	7613467	1427381	11-69	1	305	20,180	4.26	859	35	14,350	3.99	573	7-72		36	1,141	.08	54	92
23-19-0090	7631223	1427381	2-70	1	305	19,960	4.14	826	38	14,190	4.00	568	9-72		36	1,134	.07	52	90
23-19-0103	6911080	1347940	8-67	2	305	20,890	3.65	762	31	18,145	3.81	692	8-71		40	818	-.01	28	57
23-19-0103	7097369	1347940	2-68	3	305	20,233	3.81	771	26	17,256	3.75	647	9-72		42	855	.01	33	62
23-19-0103	7097370	1347940	3-68	2	305	23,425	3.50	820	24	18,105	3.78	685	2-72		40	1,078	-.03	34	72
23-19-0103	7097371	1347940	6-68	3	304	24,066	3.59	865	26	17,520	3.73	653	7-72		42	1,272	-.01	44	89
23-19-0103	7145301	1347940	7-68	3	304	21,320	3.62	772	25	17,170	3.76	645	9-72		42	988	-.01	34	69
23-19-0120	7488110	1427381	10-69	1	305	16,000	3.48	557	13	12,540	3.88	487	4-72		36	937	.01	36	68
23-19-0120	7807913	1458744	10-70	1	305	21,460	3.43	736	8	14,070	3.67	517	2-73		36	968	-.03	30	65
23-19-0128	7632179	1347940	6-70	1	305	18,650	3.73	695	32	15,630	3.66	572	9-72		36	738	.01	28	53
23-19-0138	6415943	1452784	11-65	5	305	25,288	3.44	871	20	19,520	3.66	715	3-72		36	1,051	-.04	31	69
23-19-0138	6444324	1347940	8-65	4	305	21,710	3.82	830	20	17,567	3.63	638	4-72		44	1,026	.04	43	78
23-19-0138	6479573	1347940	10-65	2	305	26,215	3.80	997	9	20,075	3.64	731	2-72		40	1,202	.04	49	90
23-19-0138	6570810	1347940	2-66	5	303	22,238	3.47	772	15	18,260	3.67	671	11-72		44	1,043	-.03	33	70
23-19-0138	6642654	1469311	11-66	4	305	26,005	3.34	869	9	19,252	3.70	712	1-73		43	1,050	-.03	33	70
23-19-0138	6718979	1347940	11-66	2	305	21,435	3.96	849	13	19,625	3.64	714	3-72		40	753	.05	35	60
23-19-0138	6752580	1206797	6-66	3	305	24,539	3.58	878	10	19,386	3.64	705	3-72		42	861	-.01	30	60
23-19-0146	7785202	1458744	1-71	1	305	25,190	3.23	814	7	18,170	3.57	648	2-73		36	1,001	-.05	28	64
23-20-0036	7203111	1493686	1-68	3	302	18,663	3.70	691	6	15,043	3.92	589	4-72		42	788	.01	30	57
23-20-0036	7696313	1427381	11-69	1	305	17,420	3.65	636	12	15,050	3.83	576	2-72		36	893	.03	37	67
23-20-0062	6686812	1469860	8-66	5	303	20,382	4.03	821	41	16,152	3.93	634	9-72		32	719	.05	34	58
23-20-0062	6791869	1402118	12-66	3	305	20,607	4.45	917	39	16,353	3.96	647	1-72		42	687	.08	37	59
23-20-0062	7226537	1441440	8-68	3	305	19,463	3.96	770	35	16,943	3.94	668	1-73		42	640	.04	29	50
23-20-0062	7226543	1399824	10-68	2	299	21,640	3.98	861	34	16,610	3.94	655	10-72		40	866	.04	38	67
23-20-0062	7471429	1399824	9-69	2	305	20,900	4.00	835	39	17,120	3.95	676	11-72		40	750	.05	34	59
23-20-0062	7471436	1441440	11-69	1	305	20,410	3.97	811	33	16,150	3.99	645	7-72		36	666	.04	30	52
23-20-0065	6598415	1441440	8-66	4	297	17,247	4.04	697	14	14,907	3.60	537	10-72		44	585	.09	34	52
23-20-0066	5782282	1350190	6-62	7	303	18,967	4.01	760	10	15,084	3.72	561	8-72		44	685	.02	27	50
23-20-0066	7421736	1427381	9-69	1	305	20,890	3.81	795	14	15,010	3.83	575	12-71		36	1,154	.05	49	88
23-20-0109	5928586	1300014	9-63	7	305	19,396	3.57	693	19	14,553	3.75	546	4-72		44	854	-.07	20	51
23-20-0109	7056366	1441440	2-68	4	296	19,772	3.53	698	31	15,795	3.65	576	12-72		44	809	.01	30	58
23-20-0109	7056367	1320310	2-68	4	301	17,465	4.25	742	29	15,965	3.64	581	1-73		44	736	.06	35	59
23-20-0109	7274866	1320310	2-69	2	305	19,885	3.25	647	36	15,970	3.65	583	10-72		40	973	-.08	22	58
23-20-0109	7543699	1441440	2-70	2	303	21,720	3.89	844	34	15,955	3.62	577	12-72		40	919	.06	43	73
23-20-0109	7694569	1441440	6-70	1	305	19,430	3.57	694	32	14,860	3.66	544	9-72		36	670	.02	27	50
23-20-0120	6950524	1489412	11-67	3	305	21,716	3.84	834	20	15,996	3.84	614	3-72		32	880	.02	34	64
23-20-0130	6827767	1441733	11-66	3	305	19,549	4.46	871	19	15,440	3.73	576	10-72		37	444	.19	44	55
23-20-0131	7152886	1304894	8-66	5	300	17,872	3.72	665	15	13,324	3.63	483	10-72		37	703	.02	28	52
23-20-0133	6034621	1427615	1-64	6	301	18,220	3.30	602	23	13,640	3.80	518	8-72		44	974	-.14	13	50
23-20-0133	7170686	1427615	9-68	2	305	21,020	3.51	738	27	14,285	3.84	549	4-72		40	1,116	-.12	22	64
23-20-0140	6835941	1399824	4-67	4	282	16,165	3.92	634	13	12,165	3.74	455	3-73		44	731	.05	34	58
23-20-0146	5952466	1404795	11-63	6	305	24,615	3.76	926	57	14,802	3.59	532	8-72		44	1,120	.04	47	85
23-20-0146	6214198	1435806	9-64	3	305	20,146	3.58	721	54	14,413	3.61	520	1-73		34	830	-.02	26	56
23-20-0146	6214200	1435806	9-64	5	298	19,798	3.44	681	45	14,950	3.58	535	7-72		37	798	-.04	22	51
23-20-0146	7301269	1392858	10-68	2	301	20,265	3.65	740	53	14,255	3.59	512	9-72		40	774	.03	33	59
23-20-0146	7599521	1169870	1-70	1	305	20,540	4.20	863	52	14,270	3.64	520	8-72		36	639	.07	34	55
23-20-0146	7962108	1427381	1-70	1	305	19,820	3.74	742	57	14,240	3.64	518	9-72		36	1,120	.05	48	86
23-20-0184	7665910	1427381	12-69	1	305	19,460	4.19	815	11	14,070	3.71	522	9-72		36	1,104	.09	54	90
23-20-0184	7666588	1427381	7-70	1	288	16,910	3.63	614	10	14,350	3.67	527	10-72		36	897	.04	38	68
23-20-0210	7287486	1309574	9-68	2	305	20,505	3.38	694	12	14,365	3.83	550	2-73		40	826	.00	29	58
23-20-0211	7045363	1300014	6-67	3	305	21,513	3.23	695	11	14,867	3.85	572	6-72		42	1,010	-.14	15	54
23-20-0211	7874732	1441440	3-71	1	305	20,930	3.15	659	12	13,960	3.72	520	3-73		36	836	-.03	26	56
23-20-0263	7512610	1427381	9-69	1	305	15,570	3.97	618	29	11,860	3.90	462	8-72		36	946	.05	42	74
23-20-0279	7147607	1387978	9-68	3	305	19,387	3.09	599	20	14,700	3.60	529	2-73		42	922	-.08	21	55
23-20-0280	7181223	1309574	2-67	3	305	20,073	3.57	717	9	15,930	3.72	592	9-72		42	707	.02	29	53
23-20-0280	7257768	1441440	7-68	3	305	21,143	3.71	785	6	18,086	3.62	655	1-73		42	728	.04	32	56
23-20-0294	7588379	1526128	12-69	1	305	16,460	3.32	546	18	12,690	3.69	468	10-72		33	982	-.11	18	55
23-20-0297	6844817	1347940	10-66	5	299	21,796	3.12	680	21	16,876	3.57	602	11-72		44	1,129	-.08	28	69
23-20-0297	6923301	1244845	6-67	4	305	21,213	3.98	844	22	17,783	3.59	639	3-73		44	692	.04	31	54
23-20-0297	7319168	1347940	10-68	2	305	20,225	4.18	845	15	17,720	3.61	639	1-73		40	785	.08	41	66
23-20-0297	7581195	1347940	10-69	2	305	20,495	3.43	702	19	17,500	3.37	590	11-72		40	830	.00	30	59
23-20-0297	7597960	1347940	11-69	2	305	23,570	3.70	873	20	17,435	3.38	590	11-72		40	1,148	.04	47	86
23-20-0299	6688932	1486579	10-66	4	305	22,975	3.31	760	20	17,330	3.57	618	5-72		30	941	-.06	25	59
23-20-0308	6900254	1399824	11-67	4	305	18,750	3.95	741	13	15,440	3.58	552	10-72		44	727	.07	37	61
23-20-0320	7018830	1458744	10-67	2	305	17,985	4.03	725	14	14,625	3.90	571	11-71		40	741	.02	30	55
23-20-0320	7018831	1458744	11-67	3	305	19,566	3.98	779	14	14,726	3.82	562	11-71		42	945	.03	39	71
23-20-0320	7499916	1427615	12-69	1	305	22,730	3.53	802	25	14,940	3.84	573	8-72		36	1,052	-.11	20	60
23-20-0328	7438453	1387978	8-69	2	305	17,870	3.40	607	13	13,885	3.73	518	10-72		40	784	-.04	22	50
23-20-0338	7041187	1309574	4-68	2	305	21,355	3.67	784	11	13,940	3.95	550	10-72		40	947	.03	38	70
23-20-0354	6761765	1399824	3-67	3	305	17,837	4.15	741	9	15,167	4.12	625	5-72		42	624	.05	30	51
23-20-0354	6761775	1399824	1-67	4	305	21,400	3.51	751	20	15,303	3.69	564	11-72		44	1,068	-.01	37	74
23-20-0354	6993628	1261857	12-67	3	296	19,373	4.30	834	6	15,837	3.89	616	5-72		42	740	.13	46	69
23-20-0354	7121840	1261857	9-68	3	305	19,173	3.82	733	23	16,160	3.50	566	12-72		42	688	.09	39	61
23-20-0355	6905100	1493686	11-67	2	305	16,830	3.87	652	17	13,995	3.82	534	10-71		40	650	.04	30	52
23-20-0355	7795813	1458744	8-70	1	305	19,080	3.47	662	20	14,740	3.64	536	8-72		36	750	-.03	23	50

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-20-0359	7340563	1320310	5-69	1	305	20,980	3.29	690	8	17,640	3.72	656	5-72		36	878	-.07	20	$ 52
23-20-0359	7720040	1441440	12-70	1	305	23,150	3.90	902	5	15,420	3.54	546	4-73		36	914	.07	43	73
23-20-0369	7026404	1499788	1-67	1	305	21,870	3.03	663	11	13,260	3.55	471	3-72		22	908	-.08	21	55
23-20-0369	7844939	1526128	8-69	1	305	15,420	3.76	580	11	12,680	3.59	455	10-72		33	902	-.07	21	54
23-20-0372	7325570	1494119	2-69	2	305	21,080	3.92	826	16	15,530	3.82	593	5-72		32	829	.03	35	63
23-20-0380	6780452	1399824	12-66	2	305	16,620	4.06	674	12	12,840	4.16	534	7-72		40	663	.03	29	51
23-20-0380	7025103	1399824	1-68	3	301	17,077	3.57	609	12	12,707	4.04	513	8-72		42	763	-.02	25	52
23-20-0383	6691985	1348259	11-66	3	303	17,297	3.49	604	16	12,563	3.46	435	2-73		42	745	.00	27	53
23-20-0386	6475680	1441440	9-65	2	305	28,140	4.04	1137	34	16,630	3.54	588	1-73		40	1,516	.11	72	122
23-20-0386	7065098	1347940	1-68	3	305	18,796	3.54	666	18	16,940	3.62	613	3-73		42	719	-.01	25	50
23-20-0386	7311795	1261857	2-69	2	305	19,190	3.34	641	42	15,585	3.52	549	8-72		40	702	.02	29	53
23-20-0386	7396714	010288790	8-66	3	305	21,026	4.30	904	25	15,216	3.48	530	12-72		41	982	.18	64	94
23-20-0386	7535981	1427615	1-70	1	305	21,010	3.42	719	52	15,460	3.48	538	9-72		36	893	-.10	16	50
23-20-0386	7629495	1347940	2-70	1	305	23,750	3.74	888	32	17,150	3.57	613	1-73		36	1,027	.02	40	75
23-20-0424	6692113	1427615	11-66	2	305	22,415	3.58	803	11	17,350	3.78	655	11-72		40	1,009	-.10	20	58
23-20-0424	7469222	1427615	8-69	1	305	22,830	3.28	748	7	15,850	3.88	615	8-72		36	1,006	-.14	14	53
23-20-7137	6574351	1441440	5-66	3	302	16,046	4.42	710	15	13,980	3.65	510	7-72		42	519	.12	37	52
23-21-0020	6523710	1441440	6-65	5	305	20,524	3.70	760	19	15,232	3.79	577	3-72		44	984	.02	39	73
23-21-0020	6868868	1393031	8-67	4	305	20,375	3.56	725	32	15,240	3.73	569	10-72		44	890	-.08	19	52
23-21-0020	7459770	1441440	7-69	2	305	18,225	4.17	760	32	16,105	3.53	568	1-73		40	552	.10	35	52
23-21-0026	7209430	1296729	12-68	3	302	21,207	3.61	765	22	15,717	3.64	572	2-73		42	827	-.06	21	51
23-21-0030	7002520	1441440	11-67	3	305	21,230	3.68	781	20	16,383	3.71	607	10-72		42	894	.02	36	67
23-21-0030	7118680	1337741	6-68	3	305	20,597	3.60	741	21	15,997	3.75	600	9-72		42	727	-.01	25	51
23-21-0030	7453774	1309574	10-69	2	305	22,570	3.41	769	23	17,495	3.54	619	11-72		40	781	.02	31	58
23-21-0045	7180308	1387978	10-68	2	305	17,800	4.10	729	34	15,315	3.75	574	8-72		40	661	.04	30	52
23-21-0057	6595097	1270143	8-61	4	305	24,443	4.15	1014	11	17,633	3.99	703	1-72		44	969	.08	48	80
23-21-0060	6808026	1347940	1-67	4	301	21,050	3.64	766	25	17,390	3.63	631	4-72		44	962	.01	36	69
23-21-0060	6980861	1347940	12-67	4	303	22,320	3.71	827	25	17,042	3.57	608	3-73		44	1,153	.03	46	85
23-21-0060	7176842	1347940	3-68	2	305	19,975	3.79	757	23	16,930	3.70	627	10-71		40	824	.02	33	61
23-21-0060	7262871	1347940	12-68	3	302	21,253	3.27	695	31	17,586	3.57	627	2-73		42	942	-.05	26	60
23-21-0060	7315955	1355784	12-68	2	305	22,045	3.57	786	22	17,315	3.43	594	8-72		40	991	-.06	27	63
23-21-0066	6478672	1309574	2-66	3	305	20,147	4.02	809	13	15,610	3.75	586	9-72		42	745	.09	40	64
23-21-0066	7222245	1320310	1-69	2	292	17,270	3.46	597	16	13,635	3.56	486	6-72		40	897	-.03	25	57
23-21-0086	6796604	1438535	11-66	4	304	18,095	3.89	703	16	15,087	3.86	583	3-72		43	677	.05	32	54
23-21-0089	6793072	1261857	4-67	4	305	19,660	3.92	770	75	14,598	3.77	551	10-72		44	923	.08	46	76
23-21-0089	7236137	1417208	6-68	3	305	17,650	3.77	666	60	14,160	3.81	540	8-72		42	711	.01	27	52
23-21-0089	7299664	1458744	5-69	1	305	20,620	3.91	807	82	15,100	3.71	560	11-72		36	844	.02	33	62
23-21-0089	7365977	1320310	6-69	2	302	18,755	3.22	603	81	14,245	3.78	539	9-72		40	998	-.10	21	58
23-21-0089	7573318	1300014	3-70	2	305	21,465	3.66	786	83	15,400	3.71	572	1-73		40	880	-.06	22	54
23-21-0089	7600496	1427615	5-70	2	297	20,735	3.66	759	62	15,305	3.74	572	2-73		40	1,004	-.09	22	59
23-21-0089	7787335	1447414	12-70	1	305	20,290	3.75	761	82	15,100	3.72	561	11-72		36	1,001	-.02	33	66
23-21-0091	6672523	1399824	10-66	4	291	19,153	3.84	735	10	16,728	3.56	596	12-72		44	649	.06	32	53
23-21-0105	7197599	1496245	9-68	2	305	18,815	3.62	682	21	14,190	3.71	526	9-72		35	724	.01	27	52
23-21-0106	6939943	1320310	9-67	3	304	17,877	3.96	708	12	14,677	3.73	547	12-72		42	899	.00	33	64
23-21-0107	6719072	1427615	11-66	4	305	19,775	3.55	703	17	15,640	3.69	608	3-73		44	950	-.12	16	52
23-21-0107	7140643	1427615	9-68	2	305	20,340	3.55	722	18	13,538	3.93	532	5-72		40	1,108	-.11	22	63
23-21-0107	7545974	1441440	1-70	1	305	17,810	4.56	813	29	13,800	3.96	546	6-72		36	613	.09	36	55
23-21-0111	6900640	1320310	9-66	4	281	19,413	3.80	737	18	15,618	3.92	613	3-72		44	1,011	-.03	31	67
23-21-0111	7524654	1526128	10-69	1	305	22,980	3.20	753	35	14,740	3.84	566	9-71		33	1,361	-.13	26	79
23-21-0137	6297738	1399824	2-65	3	305	19,707	3.94	776	15	15,793	4.20	663	2-72		42	782	.01	30	57
23-21-0137	7537041	1309574	6-69	2	305	18,705	4.24	794	19	15,055	3.96	596	12-72		40	587	.09	35	53
23-21-0175	7057169	1347940	9-67	1	303	16,910	3.68	623	15	13,530	3.78	512	10-72		36	739	.00	26	52
23-21-0194	7167085	1347940	6-68	3	283	18,876	3.61	681	9	14,775	3.71	548	12-72		42	928	-.01	32	65
23-21-0239	5844930	1189870	10-60	8	305	18,933	3.51	664	12	13,431	3.82	513	5-72		44	834	-.02	27	57
23-21-0239	6791789	1320310	1-67	2	305	17,005	3.75	637	26	14,725	3.66	539	7-72		40	782	-.02	25	53
23-21-0257	7443659	1458744	12-69	1	305	17,900	4.11	736	24	13,710	3.79	519	12-71		36	724	.03	30	55
23-21-0257	7626430	1427381	2-70	1	305	18,530	3.77	699	22	13,260	3.81	505	11-71		36	1,083	.04	46	83
23-21-0257	7773313	1458744	9-70	1	291	18,740	3.98	746	14	14,180	3.66	519	11-72		36	758	.02	31	57
23-21-0277	6565809	1441440	12-65	3	305	21,306	3.23	688	32	17,063	3.67	626	2-73		42	840	-.04	24	54
23-21-0277	6654888	1360676	7-66	4	305	18,078	4.56	824	54	16,310	3.76	613	11-72		42	564	.14	43	60
23-21-0277	6654898	1309574	8-66	3	305	20,920	3.55	743	27	16,797	3.66	614	5-72		42	729	.03	30	55
23-21-0277	6967101	1320310	11-67	4	305	20,050	3.47	695	40	16,725	3.74	626	2-73		44	980	-.07	24	60
23-21-0277	7164607	1320310	6-68	3	305	17,507	3.84	672	37	15,880	3.72	590	6-72		42	746	-.01	25	51
23-21-0277	7368898	1427615	11-68	2	305	21,430	3.59	769	48	16,935	3.81	645	1-72		40	942	-.11	17	53
23-21-0277	7368899	1427615	11-68	3	305	21,433	3.14	674	41	16,967	3.77	624	2-73		42	1,029	-.17	10	50
23-21-0297	7053666	1441440	3-68	1	305	18,570	3.80	705	14	12,430	3.74	465	10-72		36	751	.04	33	58
23-21-0304	5432674	1372876	10-61	5	305	19,742	3.44	679	124	14,416	3.82	550	2-73		36	1,028	-.07	26	64
23-21-0304	5848793	1189870	7-63	7	305	18,410	3.89	716	129	14,513	3.80	552	1-72		44	655	.04	29	51
23-21-0304	6346568	010255163	3-63	5	304	23,678	3.28	776	99	15,392	3.63	558	1-72		44	962	.02	37	70
23-21-0304	6808788	1366229	1-67	4	305	18,992	3.56	676	119	14,130	3.71	524	12-72		44	652	.03	28	50
23-21-0304	7551121	1438535	1-70	2	173	18,905	3.39	627	92	13,950	3.74	522	4-73	B	40	759	-.01	26	53
23-21-0304	7615916	1438535	3-70	1	305	18,490	3.46	639	156	13,510	3.64	492	5-72		35	687	.01	27	51
23-21-0304	7615923	1438535	4-70	2	305	20,125	3.40	685	92	13,880	3.75	520	4-73		40	930	.00	33	65
23-21-0310	5653220	1378481	5-62	6	284	22,023	3.47	764	17	17,280	3.72	643	1-72	B	34	785	-.04	22	50
23-21-0310	6456259	1441440	4-65	4	281	20,455	3.59	734	13	15,942	3.85	614	2-72	B	44	879	.00	31	62
23-21-0310	7684580	1309574	6-70	1	274	21,780	3.72	810	7	16,020	3.74	599	12-72	B	36	671	.05	32	54
23-21-0314	7062428	1347940	2-68	3	305	18,493	3.68	681	16	15,636	3.66	572	8-72		42	804	.01	30	58
23-21-0314	7698963	1427381	10-70	1	305	17,450	4.33	755	21	15,850	3.75	595	9-72		36	848	.09	45	72
23-21-0362	6892958	1347940	7-67	1	305	18,710	3.43	642	12	15,810	3.69	584	8-71		36	732	-.02	24	50
23-21-0377	7062091	1261857	6-67	4	305	18,065	3.99	720	32	14,073	3.72	524	11-72		44	778	.10	43	68
23-21-0381	6833563	1300014	11-65	4	305	21,448	3.42	733	12	13,268	3.82	503	5-72		44	1,014	-.11	20	58
23-21-0381	7550997	1492869	12-69	2	293	20,825	3.78	787	13	15,810	3.75	593	1-73		31	731	.06	35	59
23-21-0381	7854087	1427381	2-71	1	305	22,000	3.45	760	9	16,250	3.69	599	3-73		36	1,163	.02	45	85
23-21-0390	6995416	1320310	11-67	4	292	17,985	3.09	556	10	14,170	3.81	540	10-72		44	978	-.12	16	53
23-21-0402	6958247	1377954	8-67	4	304	18,453	3.77	695	9	15,245	3.76	573	12-72		44	736	.02	30	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-21-0405	6990470	1309574	7-67	4	305	19,845	3.78	751	31	15,813	3.74	591	12-72		44	724	.06	35	$ 59
23-21-0405	7308919	1427615	3-69	2	305	21,135	3.77	797	9	16,900	3.68	622	8-72		40	915	-.07	22	56
23-21-0409	7313905	1320310	1-69	2	303	15,325	3.96	607	15	13,065	3.92	512	9-72		40	746	-.02	24	50
*23-21-0424	7923302	1427381	9-69	2	305	17,445	3.59	626	18	12,960	3.75	486	8-72		40	1,089	.02	43	80
23-21-6003	7543984	1458744	7-69	1	305	19,840	3.80	753	18	15,320	3.85	590	11-71		36	772	.00	27	54
23-22-0003	6455067	1309574	10-65	5	302	19,870	3.74	743	36	17,450	3.56	622	5-72		44	578	.07	31	50
23-22-0003	6628000	1320310	5-66	5	300	18,782	3.87	726	36	16,416	3.67	603	10-72		44	862	.00	31	61
23-22-0003	6665441	1320310	8-66	5	302	20,832	3.42	713	47	17,180	3.64	625	12-72		44	1,048	-.07	27	65
23-22-0003	6722884	1309574	11-66	4	305	19,173	3.82	732	44	16,640	3.60	599	10-72		44	559	.08	32	50
23-22-0003	6959889	1320310	10-67	4	305	20,168	3.31	667	30	17,965	3.60	647	3-73		44	872	-.08	19	51
23-22-0003	7513299	1427615	12-69	1	305	22,400	3.60	807	39	17,090	3.76	642	10-72		36	900	-.11	16	50
23-22-0016	7078866	1427381	6-68	2	305	20,375	4.24	863	24	15,740	3.99	628	6-72		40	1,160	.09	56	94
23-22-0016	7461309	1427381	9-69	2	305	21,715	3.80	826	28	17,040	3.92	668	1-73		40	1,191	.04	49	90
23-22-0016	7461320	1458744	11-69	1	305	18,960	4.09	776	28	15,410	4.17	643	8-72		36	701	.01	26	50
23-22-0016	7537990	1427381	1-70	1	305	18,500	4.40	814	22	15,710	4.02	632	5-72		36	934	.09	47	77
23-22-0020	6482980	1366229	12-65	5	302	20,180	3.67	740	26	15,940	3.76	599	11-72		44	643	.05	30	51
23-22-0020	7040211	1378324	12-67	3	305	22,076	2.78	614	29	16,440	3.67	603	7-72		34	987	-.14	14	52
23-22-0020	7208101	1366229	11-68	2	305	24,565	3.26	802	30	16,370	3.84	629	7-72		40	934	-.02	30	63
23-22-0074	6772339	1494762	8-66	5	305	21,260	3.51	746	21	15,582	3.72	580	10-72		32	931	-.04	28	61
23-22-0074	7825752	1427615	2-71	1	305	22,740	3.31	752	22	16,800	3.67	617	12-72		36	942	-.13	14	50
23-22-0095	7166560	1387978	3-68	3	305	18,203	3.41	620	16	15,140	3.45	522	8-72		42	745	-.02	24	50
23-22-0095	7342254	1347940	4-69	2	302	18,075	3.44	621	14	15,790	3.44	543	4-72		40	723	.00	26	51
23-22-0095	7748286	1378324	12-69	1	305	17,850	4.30	767	21	14,070	3.38	476	7-72		26	541	.11	36	52
23-22-0096	6825402	1309574	11-66	4	303	19,468	3.56	693	20	15,805	3.70	584	3-72		44	678	.02	28	51
23-22-0096	7533282	1427381	11-69	2	305	18,235	4.03	734	22	15,705	3.66	575	2-73		40	946	.08	47	78
23-22-0096	7761970	1427381	3-70	2	305	20,855	3.78	789	19	15,965	3.63	580	2-73		40	1,191	.06	52	92
23-22-0100	5367950	1189870	9-60	8	305	22,470	3.14	706	21	16,559	3.74	619	1-72		44	968	-.09	21	57
23-22-0100	6801478	1473660	11-66	4	304	20,402	3.88	791	25	16,342	3.74	612	4-72		36	788	.02	32	59
23-22-0101	7564555	1512026	1-70	1	305	21,410	3.51	751	24	15,690	3.75	589	9-72		35	914	-.04	27	60
23-22-0114	5964219	1378324	8-62	8	302	19,036	3.36	640	12	14,992	3.62	543	8-72		37	792	-.02	25	53
23-22-0114	6665307	1441440	9-66	4	303	20,220	3.49	706	15	15,787	3.77	595	1-72		44	866	-.01	29	60
23-22-0114	7253567	1378324	3-68	2	305	19,805	4.07	807	10	16,465	3.77	620	3-72		32	636	.07	34	54
23-22-0115	6651419	1441440	3-65	5	305	18,546	3.89	721	11	16,082	3.63	583	4-72		44	641	.07	33	54
23-22-0123	7652413	010298257	4-68	3	305	19,346	3.49	676	44	13,536	3.75	508	10-72		33	902	-.02	29	61
23-22-0124	6574171	1337741	6-66	4	305	18,180	4.76	865	15	16,430	3.63	597	5-72		44	424	.18	42	52
23-22-0124	6826121	1448051	4-67	4	305	19,788	3.28	650	11	15,920	3.72	592	5-72		37	956	-.08	22	57
23-22-0126	7376509	1512026	4-69	2	305	18,010	3.09	557	22	13,055	3.66	478	12-72		39	912	-.08	21	55
23-22-0132	7275120	1320310	12-68	1	305	16,500	3.65	603	7	12,920	3.87	500	6-72		36	825	-.04	23	53
23-22-0133	7103595	1347940	3-68	3	305	20,073	3.60	722	11	15,013	3.62	543	3-73		42	1,043	.00	37	73
23-22-7010	7131625	1441440	4-68	1	305	19,040	3.61	688	10	12,860	3.85	495	11-72		36	760	.02	30	56
23-24-0003	7045147	1261857	1-68	3	299	19,083	4.00	764	12	16,857	3.62	611	9-72		42	613	.10	38	57
23-24-0003	7216631	1399283	7-68	2	305	24,395	3.31	808	10	16,240	3.64	591	6-72		40	1,097	-.07	28	68
23-24-0003	7848974	1447414	10-70	1	305	18,900	3.63	687	20	16,220	3.68	597	9-72		36	830	-.03	25	55
23-24-0005	6300895	1347940	4-65	5	304	17,628	3.71	654	5	14,138	3.81	538	9-72		44	874	.00	31	62
23-24-0005	6845302	1347940	5-67	3	305	20,450	3.63	742	7	14,966	3.76	562	3-72		42	1,091	-.01	38	76
23-24-0005	6861205	1347940	3-67	3	303	17,866	3.80	679	6	14,646	3.69	540	11-71		42	823	.02	33	61
23-24-0005	6958453	1347940	8-67	3	305	19,006	3.99	759	6	15,080	3.73	562	4-72		42	914	.05	40	71
23-25-0209	7474293	1399824	11-69	2	305	20,640	3.31	684	13	16,085	3.61	581	3-73		40	807	-.02	26	55
23-25-0304	6664972	1399824	7-66	4	305	19,733	3.66	723	15	16,720	3.89	651	3-72		44	722	-.01	25	50
23-25-0507	7103740	1399824	7-68	3	304	21,060	3.80	800	14	15,817	3.58	567	6-72		42	935	.05	42	73
23-25-0507	7170547	1399824	10-68	2	298	21,225	4.21	893	14	15,900	3.65	581	3-72		40	882	.10	47	75
23-25-0507	7646491	1399824	7-70	1	305	18,680	4.20	785	14	15,390	3.72	572	7-72		36	592	.07	32	51
23-25-0507	7977107	1427615	1-69	2	305	22,990	3.65	839	21	16,110	3.65	588	9-72		40	1,168	-.08	29	72
23-25-0548	5637630	1244845	11-61	8	302	20,961	3.26	683	9	14,046	3.63	510	1-73		44	1,064	-.08	25	64
23-25-0563	6450524	1320310	11-65	2	305	18,420	3.17	583	10	14,095	3.70	522	3-72		40	977	-.10	20	56
23-25-0563	6677600	1441440	3-66	1	305	20,080	4.17	838	9	15,420	3.70	571	2-72		36	685	.07	36	58
23-25-0563	7818679	1427381	5-70	1	305	17,560	3.42	601	17	15,650	3.46	541	8-72		36	868	.04	37	66
23-25-0571	7349923	1441440	10-68	3	305	19,723	4.14	816	20	14,876	3.63	540	12-72		42	860	.10	46	74
23-25-0571	7438087	1441440	8-69	1	305	21,410	3.66	784	6	15,860	3.49	554	3-72		36	758	.04	33	58
23-25-0580	7704924	1427615	1-69	2	305	20,780	3.68	764	7	14,460	3.73	539	4-72		40	1,077	-.09	25	65
23-25-0581	6833503	1399824	3-67	4	305	18,238	4.32	788	27	14,735	3.81	561	9-72		44	733	.10	42	65
23-25-0581	6880852	1458744	10-67	4	305	20,595	3.66	754	31	15,317	3.70	567	11-72		44	1,046	-.01	36	73
23-25-0581	7574789	1427615	4-70	1	305	25,550	4.09	1045	24	13,540	3.91	529	7-72		36	1,346	-.05	41	89
23-25-0581	7738360	1441440	1-71	1	305	19,800	3.84	761	32	14,880	3.49	520	2-73		36	697	.06	34	57
23-25-0589	6700824	1441440	11-66	2	305	19,740	3.77	744	26	14,795	3.76	556	4-72		40	812	.04	35	62
23-25-0589	6804660	1300014	3-67	3	305	21,847	3.70	808	20	14,127	3.73	527	1-73		42	1,117	-.05	32	72
23-25-0589	7321415	1512026	12-68	2	305	20,710	3.41	706	13	16,175	3.65	590	7-72		39	933	-.04	27	61
23-25-0589	7885983	1441440	12-70	1	305	19,810	3.58	709	13	13,450	3.83	515	4-73		36	783	.01	30	57
23-25-0617	7347874	1441440	4-69	2	305	17,980	3.55	639	8	14,495	3.53	511	11-72		40	658	.03	28	50
23-25-0617	7419453	1427615	9-69	2	304	22,275	2.99	666	17	15,615	3.52	550	1-73		40	1,135	-.16	15	59
23-25-0621	7038851	1459556	4-67	2	305	22,470	3.24	728	7	15,815	3.50	553	2-73		25	872	-.05	23	55
23-25-7753	7435380	1441440	10-69	1	305	20,440	3.61	737	8	14,750	3.63	536	3-73		36	752	.03	31	57
23-26-0024	6446589	1320310	10-65	5	296	16,940	3.63	615	11	14,234	3.92	558	10-72		44	850	-.06	22	53
23-26-0028	6107544	1381854	2-64	6	305	19,817	3.37	668	14	14,618	3.61	528	4-72		35	961	-.05	26	61
23-26-0028	6522696	1441440	8-65	6	295	18,430	3.44	634	27	15,285	3.56	544	11-72		44	709	.00	26	51
23-26-0028	7423039	1320310	5-69	2	294	18,875	3.18	601	29	15,985	3.55	568	12-72		40	869	-.08	19	51
23-26-0040	6567077	1340669	7-64	4	305	23,378	3.14	734	16	15,640	3.50	548	3-72		44	1,180	-.13	22	66
23-26-0040	7501174	1427381	5-68	1	305	18,140	3.50	635	14	15,530	3.43	533	5-72		36	918	.04	40	71
23-26-0051	7527063	1427381	11-69	2	300	18,575	3.57	664	13	13,540	3.82	517	12-72		40	1,156	.02	45	85
23-26-0056	7565279	1427615	9-69	2	305	21,570	3.16	681	6	16,390	3.56	583	3-73		40	1,001	-.14	14	52
23-26-0071	7176088	1447141	9-68	3	303	19,413	3.90	757	16	15,356	3.83	588	1-73		42	628	.07	34	54
23-26-0071	7578623	1427381	4-70	1	300	17,560	3.78	663	17	13,920	3.90	543	7-72		36	971	.04	41	74
23-26-0071	7673067	1458744	10-70	1	301	20,870	3.47	725	22	14,390	3.93	566	10-72		36	905	-.04	26	59
23-26-0071	7673068	1427381	9-70	1	290	16,330	3.97	648	22	14,590	3.90	569	10-72		36	839	.05	38	66
23-26-0085	6865286	1399824	9-66	1	305	19,030	3.79	721	39	14,340	3.70	530	11-72		36	681	.04	30	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HEROMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-28-7029	7461897	1320310	7-69	2	305	19,250	3.55	684	11	15,615	3.56	556	11-72	40	937	-.04	28	$ 62
23-28-0003	6109373	1189870	8-63	7	305	20,576	3.81	783	38	15,319	3.89	596	2-72	44	851	.02	33	62
23-28-0003	7030498	1320310	1-68	3	305	16,893	4.00	690	42	15,310	3.98	610	9-72	42	728	-.01	25	51
23-28-0003	7077284	1320310	4-68	3	301	19,493	3.28	640	33	15,487	3.98	617	7-72	42	1,010	-.11	19	57
23-28-0003	7485303	1309574	7-69	2	305	19,845	3.92	777	42	15,485	3.97	614	7-72	40	668	.05	32	54
23-28-0012	6892510	1457897	11-65	6	305	19,842	4.01	796	27	14,797	3.68	544	4-73	35	778	.12	46	70
23-28-0012	7862928	1534935	7-70	1	305	20,750	3.46	717	34	13,580	3.91	531	11-72	22	885	-.04	25	57
23-28-0021	7031284	1458744	1-68	3	305	18,150	3.80	689	48	14,223	3.77	536	11-72	42	829	.01	31	60
23-28-0021	7291390	1515148	2-69	2	304	18,305	4.05	742	51	13,270	3.82	507	10-72	25	603	.05	30	50
23-28-0021	7512425	1427615	11-69	1	305	20,210	3.31	669	51	12,560	3.82	480	6-72	36	1,006	-.13	16	54
23-28-0021	7947821	1458744	11-70	1	305	18,300	3.88	710	42	13,700	3.80	520	12-72	36	754	.01	28	54
23-28-0028	6437029	1119686	12-65	5	300	20,566	3.33	684	52	14,270	3.79	541	7-72	44	771	-.02	24	51
23-28-0028	6530656	1309574	9-65	5	303	18,586	3.88	721	39	14,448	3.77	544	5-72	44	723	.07	36	60
23-28-0028	7003361	1427615	1-68	3	305	20,167	3.59	723	84	14,020	3.80	533	10-72	42	1,117	-.10	24	66
23-28-0028	7165082	1441440	9-68	3	305	19,726	3.66	722	94	14,996	3.73	559	12-72	42	849	.02	34	63
23-28-0028	7235293	1399824	10-68	3	299	21,507	3.84	826	84	15,390	3.69	568	1-73	42	1,026	.05	45	79
23-28-0028	7235294	1427615	10-68	3	299	20,137	3.15	635	87	15,140	3.73	564	11-72	42	1,011	-.16	11	50
23-28-0028	7437706	1434649	5-69	2	305	22,635	3.05	690	73	14,025	3.76	527	8-72	29	1,149	-.12	23	66
23-28-0028	7676796	1337741	1-70	2	305	21,445	3.39	726	107	15,140	3.74	566	11-72	40	823	-.04	24	54
23-28-0030	6312898	1336050	3-65	6	301	15,530	3.46	538	44	11,760	3.62	426	12-72	44	775	-.02	25	52
23-28-0030	7391843	1387978	7-68	2	300	17,315	3.42	592	33	11,385	3.68	419	7-72	40	930	-.03	29	62
23-28-0041	6367373	1441440	8-65	4	305	19,517	3.38	660	19	16,032	3.59	575	3-72	44	754	-.01	26	52
23-28-0043	6376803	1347940	8-65	3	305	21,993	3.20	703	12	14,170	3.69	523	9-71	42	1,337	-.07	37	85
23-28-0043	7041460	1441440	2-68	3	305	18,003	3.62	652	11	14,943	3.57	533	3-73	42	656	.03	28	50
23-28-0043	7041463	1399824	5-68	3	305	20,563	3.65	751	17	14,577	3.64	530	5-72	42	992	.02	39	73
23-28-0046	6221387	1320310	12-64	2	305	18,910	4.07	769	30	15,235	3.81	581	11-72	40	934	.01	35	67
23-28-0046	7097875	1320310	4-68	1	302	18,590	3.83	712	32	15,490	3.87	599	8-72	36	828	-.03	25	55
23-28-0046	7366658	1427615	7-69	2	305	19,980	3.81	761	36	16,500	3.72	613	11-72	40	831	-.07	19	50
23-28-0046	7479042	1399824	12-69	2	305	20,055	3.49	699	34	16,450	3.76	618	3-73	40	718	-.01	25	50
23-28-0048	7211485	1436081	8-68	2	301	23,560	3.25	766	31	14,415	3.73	538	12-71	40	856	-.03	26	57
23-28-0048	7392166	1399824	12-68	3	291	18,243	3.72	679	26	15,030	3.78	568	2-73	42	684	.02	28	51
23-28-0054	6900633	1309574	10-66	4	305	22,153	3.57	790	13	16,300	3.93	640	5-72	44	961	.00	35	68
23-28-0054	7247092	1320310	1-69	3	305	24,427	3.55	867	18	17,020	3.90	663	12-72	42	1,437	-.07	41	93
23-28-0067	6927570	1399824	7-67	3	305	18,417	4.10	755	11	14,990	3.91	586	9-72	42	707	.06	35	58
23-28-0069	5863728	1189870	10-62	4	300	19,083	3.44	657	30	14,178	3.68	522	2-72	44	752	-.02	24	51
23-28-0069	6755961	1320310	2-67	4	298	18,225	3.60	657	33	13,748	3.70	509	9-72	44	1,049	-.04	31	69
23-28-0069	7095321	1399824	7-68	3	297	17,093	3.54	605	32	13,403	3.71	497	8-72	42	701	.01	26	50
23-28-0069	7372958	1320310	4-69	2	305	17,785	3.77	671	42	13,055	3.66	478	6-72	40	997	-.02	33	68
23-28-0069	7372959	1399824	4-69	1	305	17,290	4.00	691	33	13,170	3.61	475	2-72	36	621	.06	31	51
23-28-0069	7372960	1427615	8-69	1	305	20,160	3.37	679	33	12,960	3.61	468	3-72	36	979	-.12	17	54
23-28-0080	5903520	1397693	11-62	7	302	21,420	3.20	686	18	16,049	3.68	591	3-72	32	897	-.09	18	52
23-28-0080	5903521	1189870	2-63	7	300	21,254	3.35	712	15	15,441	3.71	573	11-72	44	926	-.04	27	60
23-28-0080	6660854	1261857	9-66	4	305	19,948	4.24	845	17	16,040	3.63	583	2-73	44	816	.15	52	77
23-28-0080	7743893	1508716	10-70	1	294	16,250	4.11	668	14	13,280	3.72	494	11-72	33	593	.08	33	52
23-28-0084	6788605	1261857	11-66	4	301	17,618	3.95	696	35	15,518	3.92	609	7-72	44	580	.07	31	50
23-28-0084	6951197	1516907	8-67	3	305	19,900	4.14	824	40	15,157	3.93	595	5-72	29	691	.07	35	57
23-28-0084	6951203	1261857	9-67	4	305	22,885	4.15	949	44	15,525	3.90	606	3-73	44	1,230	.12	63	103
23-28-0084	7149251	1495254	8-68	2	305	20,610	3.51	724	63	15,495	4.01	622	10-71	35	926	-.09	19	54
23-28-0084	7449810	1447414	8-69	2	305	18,010	4.06	731	62	15,105	3.99	603	12-72	40	875	.00	31	62
23-28-0084	7479196	1432733	11-69	2	305	19,715	3.79	747	54	15,645	3.94	616	12-72	40	734	-.01	25	51
23-28-0086	5982685	1199324	11-63	7	305	20,676	3.46	716	27	16,313	3.64	594	12-72	44	1,028	-.04	31	68
23-28-0086	6235285	1347940	8-64	6	305	18,016	3.31	597	25	15,510	3.59	557	2-73	44	782	-.04	22	50
23-28-0102	6980244	1399824	12-66	4	305	20,060	3.58	719	17	15,915	3.56	566	7-72	44	842	.02	33	62
23-28-0115	5374479	1189870	7-61	9	295	20,076	3.59	721	28	15,066	3.85	580	1-72	44	813	-.01	27	56
23-28-0115	5766124	1394096	8-62	9	305	19,898	3.58	712	45	14,446	3.76	543	7-72	36	1,074	-.06	29	68
23-28-0115	6309460	1237057	1-65	4	305	21,060	3.96	835	30	16,242	3.74	608	11-72	44	820	.02	32	60
23-28-0115	6603086	1450228	5-66	3	259	18,896	3.66	692	50	14,860	3.67	545	11-71	42	928	-.02	31	64
23-28-0115	6780486	1458744	9-66	4	305	18,640	3.93	732	27	15,862	3.78	599	8-72	44	751	.03	31	57
23-28-0115	6978693	1450228	5-67	3	303	16,340	4.03	658	39	14,290	3.78	540	9-71	42	687	.01	27	51
23-28-0115	6978695	1450228	7-67	4	299	17,647	3.70	653	43	14,777	3.79	560	10-72	44	806	-.02	26	55
23-28-0115	6978698	1450228	10-67	4	305	18,537	3.40	630	43	15,637	3.78	591	11-72	44	831	-.06	20	51
23-28-0115	7304179	1427381	11-68	3	305	20,366	3.78	769	29	17,353	3.73	647	1-73	42	1,054	.05	46	81
23-28-0115	7581271	1458744	1-70	1	305	18,010	4.20	756	39	14,310	3.86	553	7-72	36	696	.03	29	53
23-28-0117	7670481	1447414	10-70	1	305	22,940	3.35	768	34	15,480	3.90	603	8-72	36	1,175	-.07	31	74
23-28-0146	6650009	1119686	6-66	4	304	20,603	3.87	798	11	16,075	3.61	581	12-72	44	563	.09	34	51
23-28-0146	6767966	1261857	3-67	3	305	21,877	3.68	806	9	16,170	3.75	606	8-72	42	998	.05	44	77
23-28-0146	6867785	1261857	7-67	3	305	18,530	4.50	833	9	16,403	3.80	623	4-72	42	591	.16	45	62
23-28-0146	7200834	1309574	11-68	2	305	18,780	4.36	819	9	15,025	3.81	573	7-72	40	597	.12	40	58
23-28-0157	5251834	1189870	11-60	5	305	19,784	3.89	769	6	15,664	3.96	621	1-72	44	714	.02	29	53
23-28-0157	5661768	1189870	9-62	7	305	19,270	3.84	740	5	15,156	3.75	569	2-72	44	700	.04	31	54
23-28-0157	5861539	1189870	6-63	7	305	20,774	3.49	725	5	15,419	3.87	597	4-72	44	867	-.03	26	57
23-28-0163	7266336	1387978	10-68	2	305	20,850	3.27	681	15	15,495	3.74	579	7-72	40	956	-.06	25	60
23-28-0163	7266337	1399824	10-68	3	305	19,230	4.01	771	14	15,020	3.72	558	2-73	42	798	.07	39	65
23-28-0163	7750417	1399824	7-70	1	305	23,180	3.41	791	13	15,530	3.55	551	12-72	36	919	.01	34	66
23-28-0164	6910915	1506447	9-67	3	305	15,793	4.38	692	55	12,130	3.76	456	2-72	34	608	.09	36	55
23-28-0164	7770453	1441440	3-71	1	305	17,920	3.69	661	39	12,110	3.82	463	2-73	36	722	.03	30	55
23-28-0172	7010089	1309574	1-68	3	305	16,353	4.25	695	14	13,093	3.83	502	10-72	42	541	.10	35	51
23-28-0172	7192899	1399824	11-68	3	296	16,953	3.93	666	19	13,207	4.08	539	1-73	42	703	.02	29	53
23-28-0193	7217535	1397517	3-68	3	305	22,026	3.75	825	21	15,410	3.56	549	3-73	42	603	.05	30	50
23-28-0202	6906548	1239242	11-67	3	305	19,637	3.82	751	23	14,530	3.73	542	8-72	42	731	.02	29	54
23-28-0202	7324341	1261857	12-68	2	305	20,555	3.57	734	24	14,670	3.76	551	7-72	40	915	.03	38	69
23-28-0202	7543653	1441440	1-70	1	305	19,560	3.41	667	22	14,070	3.91	550	3-72	36	727	-.01	25	51
23-28-0204	6463689	1441440	8-65	4	305	23,495	3.09	725	21	15,350	3.60	552	10-72	44	1,313	-.07	36	84
23-28-0204	7051685	1347940	3-68	3	305	18,193	3.59	653	24	15,416	3.65	562	2-73	42	790	.00	28	56
23-28-0204	7222369	1320310	1-69	2	305	17,960	3.67	659	34	15,015	3.61	542	7-72	40	855	-.02	27	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOLLARS
23-28-0204	7688560	1347940	9-70	1	305	19,390	4.09	793	29	15,660	3.66	573	10-72		36	791	.04	35	$ 62
23-28-0206	6838641	1261857	1-67	4	305	17,688	3.78	669	44	14,630	3.82	559	8-72		44	676	.06	33	55
23-28-0206	7084183	1491622	1-68	3	299	18,640	3.97	740	39	15,083	3.75	565	5-72		37	655	.04	29	51
23-28-0206	7163957	1413165	12-67	3	305	21,353	3.61	770	47	15,143	3.79	574	11-72		42	1,032	-.09	23	61
23-28-0206	7286215	1399283	11-68	2	305	22,025	3.81	839	45	15,325	3.78	579	10-72		40	931	-.01	32	65
23-28-0211	7673658	1432733	3-69	2	305	20,820	3.33	694	10	15,190	3.69	560	2-73		40	883	-.05	24	56
23-28-0229	6387808	1320310	7-65	5	305	18,294	3.43	627	15	15,424	3.69	569	2-73		44	902	-.07	22	55
23-28-0229	7574715	1441440	2-70	1	305	21,330	3.57	761	13	14,930	3.71	554	6-72		36	808	.02	32	60
23-28-0282	6678539	1309574	12-66	3	305	20,603	3.29	678	12	14,670	3.69	541	2-72		42	884	-.02	29	60
23-28-0282	7599718	1432733	11-69	2	305	19,645	3.57	701	10	15,660	3.63	568	3-73		40	725	-.01	24	50
23-28-0282	7599720	1427615	12-69	2	305	20,060	3.85	772	11	15,800	3.56	562	3-73		40	896	-.05	26	57
23-28-0289	6920423	1367353	9-67	4	305	19,277	3.67	707	19	14,132	3.57	505	12-72		44	655	.04	29	51
23-28-0289	7074632	1347940	3-68	3	305	18,803	3.73	701	13	14,016	3.68	516	7-72		42	989	.01	37	71
23-28-0296	6923134	1261857	8-67	2	305	18,210	4.03	734	13	15,350	3.87	594	4-72		40	621	.08	35	55
23-28-0296	7622365	1447414	6-70	1	305	15,940	4.10	653	11	14,230	3.94	561	3-73		36	728	-.01	25	51
23-28-0296	7725012	1454720	10-70	1	305	18,680	4.16	777	11	13,920	3.98	554	2-73		35	662	.03	28	50
23-28-0296	7765764	1427381	12-70	1	303	17,060	4.11	702	15	13,720	3.88	533	9-72		36	946	.07	45	76
23-28-0316	7004377	1347940	10-67	1	305	20,020	3.48	697	6	17,350	3.56	618	1-72		36	737	.00	26	52
23-28-0316	7239177	1320310	1-69	2	305	18,825	3.83	721	22	15,645	3.73	583	8-72		40	892	-.01	30	61
23-28-0316	7444126	1399824	10-69	2	305	20,285	3.79	768	17	15,920	3.72	593	3-73		40	785	.04	34	60
23-28-0317	7008511	1320310	12-67	4	305	19,228	3.73	717	16	15,458	3.67	568	11-72		44	1,004	-.02	33	68
23-28-0317	7008512	1320310	2-68	4	303	17,663	3.80	672	15	15,605	3.67	573	11-72		44	796	-.01	27	55
23-28-0321	6905637	1347940	9-67	4	299	16,987	3.42	581	39	14,160	3.68	521	2-73		44	780	-.03	24	52
23-28-0328	7382087	1458744	8-69	2	305	19,770	3.44	680	29	13,865	3.92	544	2-73		40	984	-.05	28	63
23-28-0338	6722425	1261857	12-66	4	304	19,070	3.91	746	21	16,650	3.65	607	2-72		44	647	.10	38	58
23-28-0338	8048243	1447414	3-70	1	305	19,500	3.45	672	28	15,510	3.68	570	5-72		36	917	-.04	26	59
23-28-0338	8287246	1441440	2-71	1	305	20,040	3.94	789	27	15,460	3.74	578	1-73		36	680	.05	32	54
23-28-0342	7092820	1347940	3-68	3	305	19,816	4.06	804	19	15,883	3.58	569	1-73		42	934	.07	44	75
23-28-0342	7362813	1320310	3-69	3	301	18,260	3.42	624	9	15,267	3.62	552	4-73		42	889	-.06	23	55
23-28-0344	6711050	1309574	5-66	5	303	18,196	3.72	676	31	14,624	3.85	563	9-72		44	654	.03	28	50
23-28-0344	6871062	1309574	3-67	4	305	16,938	4.33	734	26	14,618	3.78	552	8-72		44	483	.12	36	50
23-28-0344	7110085	1320310	7-68	2	305	16,200	3.96	641	35	14,200	3.84	545	8-72		40	743	-.01	25	51
23-28-0347	6680037	1399824	10-66	4	289	23,215	3.65	848	13	16,515	3.93	649	6-72		44	1,172	-.01	41	82
23-28-0348	7341164	1347940	9-67	3	302	18,713	3.49	653	58	15,033	3.62	544	10-71		42	885	-.02	29	60
23-28-0354	6952856	1309574	12-67	3	305	19,057	3.91	746	14	15,020	3.93	590	11-72		42	674	.06	33	55
23-28-0359	7219750	1427381	10-68	2	305	18,745	3.21	601	5	13,690	3.62	496	3-72		40	1,161	-.01	40	81
23-28-0365	6474061	1320310	8-65	4	299	17,705	3.98	705	20	14,768	3.69	545	11-72		44	884	.01	34	64
23-28-0365	6811432	1261857	3-67	3	305	18,173	4.04	735	22	14,887	3.65	543	1-73		42	690	.11	41	62
23-28-0365	7374517	1347940	3-69	2	293	19,690	4.16	819	29	15,745	3.65	575	11-72		40	891	.07	43	72
23-28-0371	7828754	1526128	12-70	1	305	19,460	3.92	762	52	13,340	3.84	512	8-72		33	1,176	-.07	32	75
23-28-0391	5320590	1189870	1-61	7	305	19,533	3.71	724	15	15,574	3.63	566	1-73		44	691	.03	29	52
23-28-0395	6750528	1320310	12-66	4	305	17,595	3.92	689	18	15,965	3.64	581	3-72		44	752	.01	28	56
23-28-0403	7198856	1347940	10-68	3	292	16,350	3.93	642	7	14,603	3.70	540	3-73		42	653	.03	28	50
23-28-6008	6962138	1399824	9-67	3	305	18,330	3.68	674	41	14,957	3.67	549	6-72		42	700	.02	29	53
23-29-0002	7050532	1320310	2-68	3	305	15,470	3.52	545	18	12,140	3.79	460	11-72		42	856	-.06	22	53
23-29-0006	7113217	1309574	12-67	3	305	20,193	3.60	726	17	15,603	3.86	602	5-72		42	751	.01	29	55
23-29-0006	7184312	1320310	8-68	3	296	17,020	3.92	668	31	15,513	3.75	582	12-72		42	724	-.01	25	50
23-29-0006	7545272	1309574	11-69	2	302	19,785	3.58	709	36	15,430	3.73	575	10-72		40	666	.03	28	51
23-29-0076	6921164	1320310	8-67	3	301	18,243	3.67	670	20	13,423	3.76	505	9-72		42	1,057	-.04	32	70
23-29-0086	6957173	1473048	5-67	3	297	19,033	3.22	612	15	11,856	3.80	450	6-72		41	934	-.13	14	50
23-31-0009	6612462	1119686	3-65	5	300	19,676	3.31	652	41	13,400	3.69	495	9-72		44	746	-.01	25	51
23-31-0009	6986819	1347940	9-67	2	305	15,705	3.84	603	38	13,190	3.82	504	3-72		40	694	.01	27	51
23-31-0009	7026150	1347940	11-67	3	305	17,086	3.92	670	71	13,640	3.61	493	12-72		42	826	.04	36	64
23-31-0009	7049782	1347940	10-67	2	286	17,030	3.79	645	32	13,470	3.56	480	6-72		40	806	.03	33	60
23-31-0009	7284802	1347940	9-68	1	305	19,310	3.29	636	108	14,740	3.55	524	12-72		36	840	-.02	27	57
23-31-0009	7284805	1320310	1-69	2	305	17,345	3.21	556	106	13,415	3.65	489	12-72		40	923	-.08	20	54
23-31-0023	6852733	1458744	4-67	4	305	23,177	3.79	879	44	15,022	3.85	578	1-73		44	1,394	.01	51	99
23-31-0023	6972601	1347940	7-66	5	303	16,540	4.21	696	44	14,704	3.90	574	8-72		44	675	.06	33	55
23-31-0023	7193919	1458744	1-67	5	299	20,656	3.47	717	31	15,492	3.86	598	1-73		44	1,061	-.05	30	68
23-31-0023	7223601	1458744	9-68	2	305	18,845	3.54	667	37	14,440	3.84	555	7-72		40	843	-.03	25	55
23-31-0023	7456723	1489981	10-69	2	305	19,050	3.85	734	57	14,770	3.82	564	9-72		40	571	.10	36	53
23-31-0023	7572107	1458744	6-68	3	284	18,260	3.89	710	50	14,750	3.90	575	9-72	H	42	793	.01	30	57
23-31-0031	6703349	1347940	1-67	3	302	16,883	3.80	642	20	13,206	3.92	518	7-72		42	843	.00	31	60
23-31-0031	7053521	1347940	12-67	2	305	15,875	4.39	697	22	12,950	3.83	496	8-71		40	731	.07	37	61
23-31-0031	7313863	1347940	12-68	2	305	17,780	4.02	715	20	12,925	3.94	509	8-72		40	926	.03	38	70
23-31-0032	7316659	1427615	11-68	2	305	21,765	3.17	691	20	16,265	3.76	611	6-72		40	1,031	-.16	12	52
23-31-0032	7518970	1399824	11-69	2	299	19,965	3.92	782	32	17,155	3.72	639	12-72		40	652	.05	31	53
23-31-0032	7645545	1399824	3-70	2	304	20,215	3.78	764	19	17,180	3.67	630	2-73		40	675	.04	30	53
23-31-0032	7645546	1399824	8-70	1	305	24,710	3.23	798	32	17,480	3.62	632	12-72		36	917	-.03	29	62
23-31-0072	7167867	1347940	5-68	3	305	17,456	3.32	580	28	14,206	3.72	532	8-72		42	809	-.05	22	51
23-31-0113	7205918	1458744	7-68	2	305	21,470	3.14	674	17	17,700	3.61	639	11-72		40	845	-.07	19	50
23-31-0113	7551633	1458744	11-69	2	305	23,165	3.89	900	15	17,960	3.57	641	12-72		40	996	.04	42	76
23-31-0126	6681651	1347940	7-66	3	305	21,383	3.76	803	8	16,086	3.95	635	2-73		42	1,095	-.01	38	76
23-31-0126	6964206	1347940	11-67	2	304	17,555	3.86	678	8	14,620	3.91	572	8-72		40	766	.01	29	55
23-31-0134	6529694	1347940	3-66	1	305	16,670	3.19	532	31	12,520	3.67	459	1-73		36	776	-.03	23	51
23-31-0134	7269453	1458744	10-68	1	305	16,280	4.20	683	28	11,560	3.65	422	12-71		36	731	.04	32	57
23-31-0161	6991280	1309574	5-67	3	305	21,157	3.34	707	25	14,403	3.67	528	3-73		42	973	-.01	34	68
23-31-0167	6931116	1441440	1-66	4	305	18,402	3.90	718	33	15,075	3.81	574	11-71		44	711	.05	33	57
23-31-0167	7399602	1525963	10-67	3	302	22,197	3.50	777	17	14,700	3.80	558	12-72		32	1,171	-.03	37	79
23-31-0167	7539809	1525963	5-68	3	305	20,310	3.31	672	17	14,777	3.91	578	12-72		32	905	-.08	20	54
23-31-0167	7541658	1441440	3-70	1	305	22,720	3.97	902	12	14,920	3.73	556	6-72		36	912	.06	42	72
23-31-0167	7541659	1347940	4-68	2	305	18,310	3.75	686	26	14,795	3.84	568	3-72		40	828	.00	30	59
23-31-0174	6623915	1347940	11-64	6	276	17,565	3.62	635	28	14,985	3.65	547	4-73	B	44	778	.00	28	55
23-31-0174	6687214	1347940	11-66	3	308	19,020	3.68	699	28	15,396	3.67	565	12-71		42	887	.01	33	64
23-31-0174	6997450	1261857	8-67	2	305	19,195	3.86	740	32	15,335	3.64	558	12-72		40	723	.08	39	62

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOLLARS
23-31-0174	7021936	1360676	12-67	3	299	18,053	3.80	686	29	14,973	3.69	553	9-72	41	693	.04	31	$ 54
23-31-0174	7021937	1360676	1-68	3	304	18,747	3.61	676	29	15,597	3.74	584	11-72	41	716	.01	27	52
23-31-0174	7021939	1347940	1-68	3	305	20,810	3.58	745	27	14,870	3.73	555	8-72	42	1,141	-.01	39	79
23-31-0174	7196510	1261857	7-68	2	305	20,575	3.80	782	34	15,330	3.66	561	10-72	40	863	.07	42	70
23-31-0175	6546316	1347940	9-65	6	305	19,670	4.08	803	11	16,105	3.87	624	11-72	44	934	.05	42	73
23-31-0175	6670874	1347940	9-66	5	283	19,874	3.84	764	8	17,156	3.79	650	4-73	44	852	.02	34	63
23-31-0175	6670876	1347940	9-66	2	305	20,040	3.74	749	15	16,660	3.82	636	1-72	40	852	.00	31	61
23-31-0175	7153359	1347940	2-68	3	298	19,520	4.20	819	14	16,813	3.69	621	11-72	42	814	.08	41	67
23-31-0175	7153363	1399824	7-68	3	304	22,447	2.88	646	15	15,933	3.81	607	9-72	42	1,084	-.12	20	61
23-31-0175	7153365	1399824	8-68	3	305	23,083	3.37	779	13	16,593	3.88	643	11-72	42	1,097	-.05	32	71
23-31-0175	7843735	1347940	9-70	1	305	21,250	3.08	655	19	16,920	3.56	602	10-72	36	855	-.05	23	54
23-31-0176	6358368	1119686	9-63	7	305	20,983	3.91	821	14	15,329	3.74	574	11-72	44	716	.09	39	62
23-31-0176	6763933	1309574	2-67	4	302	20,165	3.65	737	20	15,345	3.74	574	10-72	44	809	.04	35	62
23-31-0194	6835258	1347940	6-67	1	305	18,680	4.23	790	31	16,010	3.69	591	12-71	36	717	.05	34	58
23-31-0194	6910957	1347940	7-67	3	305	19,456	3.32	645	29	15,713	3.65	574	4-73	42	908	-.04	26	59
23-31-0194	7016350	1347940	2-68	1	305	18,170	3.43	624	37	15,150	3.56	540	7-72	36	731	-.01	25	51
23-31-0194	7019109	1347940	9-67	1	305	24,580	3.38	831	31	16,010	3.69	591	12-71	36	1,157	-.03	37	78
23-31-0194	7185733	1347940	8-67	1	305	18,790	3.73	700	27	15,970	3.68	588	11-71	36	728	.01	28	53
23-31-0194	7947221	1458744	10-70	1	305	18,150	4.15	753	12	15,120	3.82	578	4-73	36	658	.03	28	50
23-31-0213	7493471	1526128	10-69	2	305	20,950	2.98	624	13	13,515	3.77	510	3-73	38	1,434	-.17	24	78
23-31-0216	6709649	1456945	9-66	4	305	19,202	3.54	679	45	13,402	3.76	504	5-72	35	967	-.01	33	67
23-31-0216	6709654	1456945	10-66	4	296	17,965	3.76	676	72	13,395	3.81	510	1-73	35	793	.02	31	58
23-31-0216	7225003	1495565	10-68	3	305	18,563	3.96	736	112	13,330	3.89	518	10-72	33	718	.04	32	56
23-31-0216	7343440	1456945	4-68	3	301	17,143	4.24	727	77	13,243	3.73	494	3-73	34	664	.09	38	59
23-31-0216	7448863	1456945	4-69	2	305	19,885	3.62	720	87	12,675	3.86	489	11-72	31	993	.00	35	70
23-31-0216	7448869	1456945	7-69	2	305	21,070	3.48	734	75	12,840	3.86	496	9-72	31	1,117	-.03	36	76
23-31-0216	7448879	1456945	12-69	2	305	20,980	3.57	749	103	12,745	3.86	492	10-72	31	1,115	-.01	38	77
23-31-0216	7448881	1456945	12-69	2	302	18,430	3.45	636	97	12,850	3.84	493	11-72	31	807	-.03	25	54
23-31-0216	7448883	1456945	1-70	2	301	18,270	3.43	626	97	12,950	3.75	486	1-73	31	779	-.03	24	52
23-31-0237	7065760	1347940	4-68	2	305	18,450	4.02	741	18	15,865	3.73	592	11-72	40	755	.04	34	59
23-31-0237	7065761	1347940	4-68	2	301	18,540	3.48	645	15	15,970	3.71	593	1-73	40	756	-.02	24	51
23-31-0237	7399136	1347940	3-69	1	305	18,460	3.53	651	16	14,710	3.53	519	7-72	36	778	.00	28	55
23-31-0237	7413080	1347940	8-69	1	305	19,540	3.19	624	16	14,710	3.53	519	7-72	36	859	-.03	26	57
23-31-0241	7144152	1347940	1-68	4	284	18,010	3.28	591	10	14,312	3.65	522	11-72 B	44	891	-.05	25	57
23-31-0241	7167243	1347940	7-68	2	303	17,000	3.61	613	9	12,380	3.59	444	9-72	40	891	.01	33	64
23-31-0241	7415647	1427615	8-69	2	305	17,140	3.66	627	12	12,120	3.58	434	6-72	40	898	-.08	20	53
23-32-0001	6862549	1309574	3-67	3	305	16,817	4.26	716	10	13,267	3.85	511	7-72	42	578	.11	37	55
23-32-0012	7094114	1399824	4-68	3	305	16,547	3.96	655	37	13,960	3.60	502	2-73	42	587	.07	31	50
23-32-0012	7453711	1512026	10-69	2	298	19,695	3.41	671	34	15,140	3.61	547	12-72	39	913	-.04	27	60
23-32-0012	7453713	1526128	11-69	1	305	19,450	3.71	721	28	15,900	3.70	589	4-72	33	1,015	-.08	24	61
23-32-0015	7265744	1347940	8-68	2	305	17,025	4.04	687	19	14,270	3.71	530	7-72	40	740	.04	33	58
23-32-0015	7824002	010265607	5-60	1	305	21,550	3.64	784	20	13,800	3.80	524	9-72	29	1,022	.01	38	73
23-32-0037	7519645	1526128	8-69	2	305	23,010	3.55	816	8	16,410	3.71	608	12-72	38	1,407	-.09	36	87
23-32-0040	7691080	1427615	11-70	1	305	22,480	3.53	794	9	15,960	3.75	599	3-73	36	973	-.11	18	55
23-32-0053	6704069	1399824	12-66	4	305	19,550	3.68	719	14	15,343	3.67	563	4-72	44	835	.03	34	62
23-32-0053	7435084	1347940	10-69	1	305	16,590	4.10	681	10	13,840	3.65	505	7-72	36	691	.04	31	54
23-32-0053	7435887	1347940	12-69	1	305	20,260	3.32	672	10	13,840	3.65	505	7-72	36	964	-.03	30	64
23-32-0053	7605655	1441440	5-70	1	305	21,990	3.64	801	23	16,780	3.39	569	11-72	36	747	.05	34	59
23-32-0053	7605656	1347940	4-70	1	296	20,550	3.61	742	25	17,160	3.45	592	11-72	36	788	.01	30	57
23-32-0053	7728338	1427615	10-70	1	305	23,620	3.12	738	24	17,100	3.47	593	11-72	36	990	-.14	14	52
23-32-0058	6944415	1399824	12-66	3	300	22,417	3.39	761	18	16,427	3.78	621	10-72	42	1,035	-.03	32	69
23-32-0058	6944416	1393031	12-66	3	305	21,206	3.80	806	22	16,623	3.84	638	3-72	42	819	-.06	20	50
23-32-0058	7024645	1441440	11-67	2	305	20,825	3.72	775	19	16,520	3.83	633	5-72	40	782	.02	31	58
23-32-0058	7637466	1396885	10-68	3	303	21,880	3.63	794	15	15,810	3.59	567	11-72	42	695	.02	28	52
23-32-0123	8044226	1508716	2-71	1	305	18,580	3.33	619	15	13,840	3.77	522	3-73	33	741	.00	27	53
23-32-0131	6428769	1309574	9-65	5	304	21,162	3.46	733	12	15,660	3.76	589	2-72	44	930	.00	33	65
23-32-0131	6984446	1417208	12-67	3	292	18,843	3.53	666	12	15,430	3.68	568	3-73	42	731	-.01	25	51
23-32-0131	7231970	1308101	12-68	2	305	19,825	3.96	786	17	15,835	3.74	593	2-72	40	1,006	.01	38	73
23-32-0131	7422625	1427381	7-69	1	305	19,400	4.20	815	13	14,990	3.79	568	4-72	36	1,044	.09	51	85
23-32-0131	7602137	1427381	11-69	1	305	19,140	3.74	716	25	13,610	3.72	506	7-72	36	1,107	.05	47	84
23-32-0131	7602139	1427381	3-70	1	305	16,510	3.99	658	13	14,990	3.79	568	4-72	36	829	.06	39	66
23-32-0131	7680689	1427381	5-70	1	305	16,870	4.32	728	24	13,580	3.70	503	8-72	36	940	.09	48	78
23-32-0134	6900180	1441440	6-67	3	305	21,643	3.41	739	5	15,833	3.59	569	1-72	42	992	.00	35	70
23-33-0018	6630831	1441440	6-66	3	292	19,100	3.50	668	14	15,623	3.44	537	7-72	42	719	.03	30	54
23-33-0018	7345918	1427615	10-68	3	305	23,710	3.26	773	22	16,250	3.54	576	11-72	42	1,320	-.13	26	75
23-33-0018	7582039	1441440	6-70	1	305	21,350	3.68	786	19	16,660	3.28	547	7-72	36	706	.06	34	57
23-33-0018	7686539	1512026	4-70	1	305	21,180	3.44	728	29	17,340	3.29	570	9-72	35	795	-.01	27	55
23-33-0019	6924104	1427615	11-67	4	305	21,785	3.78	823	13	16,730	3.77	631	12-72	44	1,091	-.07	29	69
23-33-0019	7050725	1427615	4-68	3	305	20,827	3.72	775	11	16,087	3.77	606	1-73	42	1,003	-.08	24	61
23-33-0019	7583471	1399824	12-69	1	305	20,490	3.94	808	12	17,250	3.55	613	6-72	36	616	.06	31	51
23-33-0019	7583472	1399824	4-70	1	305	21,180	3.86	817	15	17,840	3.73	665	4-72	36	633	.04	29	50
23-33-0024	7567340	1393031	1-70	2	295	22,240	3.54	788	21	16,115	3.74	602	11-72	40	907	-.09	19	53
23-33-0029	7083432	1415405	4-68	3	304	19,437	4.18	813	20	14,440	3.72	537	10-72	42	723	.05	34	58
23-33-0082	7376708	1427615	3-69	2	305	18,910	3.54	670	35	14,600	3.61	527	10-72	40	876	-.09	17	50
23-33-0083	7119327	1484216	9-66	2	305	23,150	3.47	804	14	16,895	3.70	625	3-73	25	849	-.03	26	56
23-33-0083	7240174	1399824	10-68	2	305	21,985	3.49	768	26	17,810	3.76	670	1-72	40	804	-.01	27	55
23-33-0083	7240182	1399824	1-69	3	289	21,383	3.64	779	24	17,193	3.64	626	11-72	42	846	.02	34	63
23-33-0083	7610874	1347940	1-70	1	305	20,700	3.49	722	15	17,590	3.60	634	8-72	36	774	-.01	27	54
23-33-0108	7419502	1427381	8-69	2	305	20,660	3.17	655	/12	15,585	3.88	604	2-73	40	1,202	-.04	37	80
23-34-0005	7407354	1347940	6-69	2	305	18,870	3.41	643	8	14,290	3.59	513	3-73	40	926	-.02	30	63
23-34-0015	6769318	1347940	9-66	1	305	19,590	4.49	879	12	17,000	3.85	654	2-73	36	726	.07	37	61
23-34-0015	6769319	1347940	9-66	1	305	21,180	3.53	748	25	15,590	3.76	586	11-72	36	929	-.02	31	64
23-34-0015	6769326	1347940	1-67	1	305	19,440	4.42	860	21	14,980	3.73	559	9-72	36	835	.07	41	68
23-34-0015	6974853	1347940	8-67	1	305	17,420	3.44	600	13	13,770	3.83	527	7-72	36	757	-.02	24	51
23-34-0015	6974858	1347940	10-67	1	305	19,530	3.72	727	13	13,200	3.95	521	5-72	36	948	.00	34	67

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD D	C REPT	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
23-34-0015	6974863	1347940	1-68	1	305	18,680	3.91	731	13	13,540	3.95	535	6-72	36	865	.01	33	$ 63
23-34-0015	7243210	1347940	10-68	1	284	17,960	4.08	732	13	13,540	3.95	535	6-72	36	811	.02	33	61
23-34-0015	7243212	1347940	12-68	1	275	20,660	3.98	823	21	15,680	3.78	592	12-72	36	885	.03	37	67
23-34-0015	7243214	1347940	12-68	1	305	20,730	3.65	757	12	17,000	3.85	654	2-73	36	811	-.01	28	56
23-34-0015	7458283	1320310	5-69	1	305	18,500	3.88	718	32	16,150	3.81	615	10-72	36	782	-.03	24	52
23-34-0015	7458287	1320310	6-69	1	283	20,260	3.56	721	36	17,150	3.83	657	12-72	36	853	-.06	22	53
23-34-0015	7458288	1320310	10-69	1	305	19,840	3.49	693	23	14,410	3.94	568	7-72	36	985	-.07	25	61
23-34-0016	4353718	1347940	3-65	5	305	17,170	3.87	665	9	13,602	3.72	506	2-73	44	870	.03	36	66
23-34-0016	6729084	1347940	11-65	3	305	18,673	3.93	733	7	13,333	3.80	507	4-72	42	1,037	.03	42	77
23-34-0016	6951805	1347940	7-66	4	305	17,847	3.80	679	8	13,080	3.73	488	3-73	44	992	.02	39	73
23-34-0016	6951809	1347940	2-67	4	293	16,325	3.65	596	7	12,800	3.73	478	12-72	44	832	.00	30	59
23-34-0018	6712222	1347940	12-66	3	305	19,920	3.87	771	16	16,696	3.82	637	3-72	42	871	.02	34	64
23-34-0018	6717262	1347940	1-67	3	305	20,673	4.11	849	16	17,793	3.77	671	1-72	42	856	.06	40	68
23-34-0018	6836867	1347940	3-67	4	305	19,820	3.80	754	18	17,467	3.70	647	2-73	44	803	.03	33	60
23-34-0018	6959277	1458744	11-67	4	302	20,785	3.91	812	18	17,595	3.73	656	2-73	44	845	.03	35	64
23-34-0018	6959278	1471956	12-67	4	301	20,977	3.78	793	15	17,112	3.72	636	4-73	42	862	.01	33	63
23-34-0023	6980112	1347940	9-67	2	305	18,455	3.68	680	21	14,625	3.64	532	9-72	40	857	.01	32	62
23-34-0023	7441977	1427381	8-69	2	305	19,060	3.52	670	35	14,085	3.67	517	8-72	40	1,161	.02	45	85
23-34-0023	7441978	1427381	10-69	1	305	19,410	3.83	743	10	16,360	3.66	599	4-72	36	963	.06	44	76
23-34-0026	7008307	1347940	2-68	3	305	16,346	3.65	597	6	13,830	3.64	504	8-72	42	723	.01	27	52
23-34-0042	6365134	1347940	4-65	4	305	15,965	3.92	626	16	14,070	3.73	525	1-72	44	662	.03	29	51
23-34-0054	6779988	1347940	3-67	4	305	18,195	4.31	784	13	15,700	3.63	570	12-72	44	777	.10	44	69
23-34-0054	7267049	1347940	4-67	3	305	19,403	3.26	633	10	16,090	3.70	596	12-71	42	867	-.06	22	54
23-34-0054	7397604	1458744	2-69	2	305	22,205	3.30	733	20	16,130	3.72	600	9-72	40	1,047	-.06	28	66
23-34-0054	7397605	1458744	3-69	1	305	20,850	3.76	785	13	16,890	3.67	620	5-72	36	754	.01	28	54
23-34-0054	7750630	1347940	6-70	1	305	22,630	3.91	885	15	16,570	3.47	575	1-73	36	978	.04	42	75
23-34-0054	7764945	1458744	7-70	1	305	20,490	3.86	790	16	16,930	3.54	599	1-73	36	725	.02	29	54
23-34-0060	6053191	1199324	1-64	6	300	19,072	3.31	631	11	15,283	3.68	563	3-73	44	928	-.06	24	58
23-34-0060	7248425	1458744	7-68	3	300	21,103	3.55	750	7	15,593	3.50	546	6-72	42	1,042	.00	37	73
23-34-0062	6720021	1347940	11-66	3	269	18,320	3.38	619	21	14,723	3.57	526	12-71	B 42	868	-.03	27	58
23-34-0062	6788628	1347940	2-67	4	241	20,460	3.15	644	22	17,312	3.55	615	6-72	B 44	897	-.07	22	55
23-34-0062	6951028	1347940	11-67	3	293	20,350	3.21	654	26	17,233	3.60	620	11-71	B 42	871	-.06	22	54
23-34-0062	7353417	1347940	6-69	1	305	19,390	3.48	675	20	16,320	3.68	600	10-72	36	752	-.01	25	52
23-34-0073	7484837	1347940	11-68	2	305	18,855	3.75	708	12	15,250	3.70	565	4-72	40	846	.02	33	62
23-34-0075	7597622	1489981	11-69	1	305	19,890	3.02	601	17	12,110	3.59	435	11-71	35	689	.03	30	53
23-34-0079	6773506	1347940	1-67	4	305	17,757	3.90	692	13	15,570	3.76	585	10-72	44	735	.03	31	56
23-34-0079	6773513	1347940	12-66	5	292	19,258	3.60	694	16	15,498	3.74	580	10-72	44	943	-.01	32	65
23-34-0079	7119429	1347940	7-68	3	295	18,066	3.62	654	14	15,606	3.72	580	2-73	42	758	-.01	26	53
23-34-0079	7662889	1458744	6-70	1	305	18,520	3.99	739	11	15,110	3.66	553	5-72	36	687	.02	28	51
23-34-0085	6767069	1347940	12-66	1	305	22,060	3.47	765	16	17,650	3.41	602	3-72	36	871	.00	32	62
23-34-0085	7239963	1347940	9-68	2	300	20,285	3.86	784	12	17,395	3.44	599	10-72	40	817	.06	38	65
23-34-0085	7740747	1347940	8-70	1	305	21,700	3.17	687	13	16,500	3.33	549	6-72	36	913	-.02	29	61
23-34-0085	7916310	1347940	4-71	1	305	18,190	3.80	691	13	15,350	3.55	545	2-73	36	720	.02	29	54
23-34-0089	6955555	1347940	9-67	3	305	20,220	3.22	652	12	14,630	3.54	518	10-72	42	1,095	-.05	32	71
23-34-0089	7143443	1347940	11-66	4	301	17,645	3.03	535	13	14,237	3.67	523	6-72	44	853	-.08	18	50
23-34-0089	7668466	1521260	9-69	1	305	22,530	3.53	796	10	15,640	3.58	560	1-72	30	835	.02	33	62
23-34-0089	7668471	1347940	9-69	2	305	24,835	3.35	833	11	16,000	3.55	568	2-73	40	1,393	-.03	45	94
23-34-0089	7817685	1347940	9-70	1	305	20,850	3.49	727	13	14,930	3.81	569	6-72	36	943	-.02	31	64
23-34-0093	6628264	1347940	3-65	6	286	17,066	4.07	695	16	15,375	3.79	583	3-72	44	673	.05	32	54
23-34-0093	6628267	1347940	4-65	6	288	18,043	3.71	669	17	15,626	3.76	588	3-72	44	773	.00	28	55
23-34-0093	7092537	1347940	6-68	3	305	18,636	4.12	767	11	15,053	3.93	592	8-72	42	874	.04	38	67
23-34-0094	6127803	1347940	7-64	6	305	20,813	3.51	731	8	15,720	3.73	587	2-72	44	1,121	-.03	36	76
23-34-0094	6127804	1347940	8-64	6	300	17,928	3.57	640	12	15,533	3.71	576	5-72	44	768	-.02	25	52
23-34-0094	6166174	1347940	12-64	6	301	18,388	3.83	704	9	15,703	3.73	586	4-72	44	810	.03	33	61
23-34-0094	6315457	1347940	3-65	5	304	19,260	3.37	650	10	15,834	3.76	595	4-72	44	909	-.05	25	58
23-34-0094	6416171	1347940	11-65	5	302	18,398	3.74	689	8	16,614	3.71	617	6-72	44	717	.01	27	52
23-34-0094	6457340	1347940	10-65	5	293	17,802	3.63	646	14	15,232	3.74	569	5-72	44	783	-.01	27	54
23-34-0098	6443623	1347940	2-65	6	305	18,968	4.01	760	14	15,578	3.78	589	8-72	44	898	.05	40	70
23-34-0098	7073904	1347940	9-66	5	296	16,958	3.86	654	29	15,338	3.77	579	10-72	44	663	.02	27	50
23-34-0098	7073905	1347940	10-66	4	302	18,575	3.90	725	17	15,577	3.86	602	6-72	44	836	.02	33	62
23-34-0098	7207737	1347940	9-68	2	305	22,380	3.41	763	29	16,865	3.79	640	2-72	40	1,073	-.04	32	70
23-34-0098	7363322	1347940	11-68	1	305	23,120	3.78	873	29	15,420	3.80	586	10-72	36	1,083	.01	41	78
23-34-0102	6449181	1347940	8-65	4	291	17,457	4.29	749	20	14,762	3.54	523	9-72	44	778	.10	44	69
23-34-0104	6788969	1347940	3-67	4	305	23,665	3.81	901	9	17,205	3.64	627	4-73	44	1,303	.04	53	97
23-34-0104	6958870	1347940	10-67	1	305	22,210	3.69	819	7	17,880	3.72	665	2-73	36	869	.00	32	62
23-34-0104	7432022	1408080	11-69	2	294	24,350	3.26	794	17	17,645	3.78	667	11-72	40	1,038	-.10	22	61
23-34-0105	6856139	1347940	5-67	2	299	19,470	3.58	697	16	13,460	3.58	482	2-73	40	1,054	.00	38	75
23-34-0115	6865667	1347940	4-67	2	289	18,655	3.43	639	11	15,940	3.31	527	1-73	40	770	.01	29	56
23-34-0115	7278742	1347940	11-68	1	305	22,430	3.14	705	16	16,530	3.22	533	3-72	36	966	-.02	31	65
23-34-7025	7174268	1379208	10-68	2	305	22,060	3.37	744	12	17,400	3.49	608	3-72	40	810	-.01	27	56
23-34-7025	7413574	1347940	3-69	2	305	21,700	3.80	825	11	15,855	3.70	587	8-72	40	1,086	.03	43	80
23-35-0022	6930128	1347940	1-66	4	302	18,975	3.83	726	17	14,690	3.72	547	2-72	44	973	.03	39	72
23-35-0022	7214370	1347940	2-67	4	294	15,722	4.26	670	17	13,905	3.83	532	11-72	44	648	.07	34	55
23-35-0022	7250122	1347940	3-67	4	305	17,955	3.81	684	15	13,540	3.75	508	2-73	44	960	.02	38	71
23-35-0022	7393057	1347940	10-67	3	305	15,936	3.96	631	18	13,926	3.83	534	3-72	42	667	.03	28	51
23-35-0023	6023512	1178303	11-61	8	305	20,209	3.33	672	15	15,151	3.60	545	10-72	36	913	-.06	23	56
23-35-0023	6715883	1347940	8-65	5	303	18,256	3.34	610	10	14,832	3.51	520	1-72	44	883	-.03	27	59
23-35-0023	7112022	1347940	12-67	3	234	19,823	3.51	695	7	13,960	3.63	507	1-73	B 42	1,111	-.01	38	77
23-35-0023	7156514	1347940	3-68	3	305	17,343	3.66	634	9	13,656	3.62	495	1-73	42	854	.01	32	62
23-35-0023	7214125	1347940	4-67	3	289	17,283	3.43	593	9	14,316	3.51	503	11-71	42	786	-.01	26	54
23-35-0028	7183645	1347940	10-68	3	297	20,230	3.65	738	12	15,780	3.84	606	9-72	42	991	-.02	33	68
23-35-0028	7255788	1347940	12-68	2	305	20,980	3.57	750	5	17,485	3.75	656	3-72	40	881	-.01	30	61
23-35-0028	7388108	1347940	4-69	2	305	23,480	3.68	865	13	16,450	3.82	629	10-72	40	1,218	-.01	43	86
23-35-0028	7459648	1347940	12-69	1	305	21,750	3.61	786	9	16,740	3.71	621	12-71	36	903	.00	32	64
23-35-0028	7459649	1347940	9-69	2	305	20,760	3.96	823	8	16,620	3.82	635	2-73	40	929	.04	39	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D	(%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
23-35-0035	6919477	1347940	7-67	3	305	18,006	3.98	717	17	13,310	3.69	491	10-72		42	962	.05	42	$ 74
23-35-0035	6955421	1347940	9-67	3	305	16,660	3.82	637	10	14,413	3.59	517	8-72		42	706	.03	30	54
23-35-0055	6461013	1347940	10-65	3	305	18,990	3.91	742	11	14,816	3.83	567	11-71		42	937	.02	37	69
23-35-0055	6749063	1347940	9-66	4	301	16,467	3.84	632	10	14,467	3.88	561	10-72		44	685	.01	26	50
23-35-0055	6749066	1347940	2-67	3	305	18,356	3.83	703	11	15,413	3.87	596	11-72		42	809	.01	30	58
23-35-0060	7110050	1347940	12-67	3	305	18,540	3.53	654	20	14,833	3.63	538	2-72		42	884	-.01	30	61
23-35-0060	7110051	1347940	12-67	2	292	17,640	3.70	652	13	13,875	3.64	505	8-72		40	835	.01	32	61
23-35-0080	6432674	1347940	7-65	5	302	19,864	3.67	729	18	13,920	3.64	507	2-72		44	1,184	.01	44	85
23-35-0080	6785006	1347940	11-66	4	301	19,937	3.72	741	20	14,965	3.72	557	12-72		44	1,064	.01	40	77
23-35-0080	7078831	1347940	8-67	4	291	17,290	3.61	624	18	15,027	3.71	557	8-72		44	731	-.01	25	51
23-35-0080	7078833	1347940	1-68	3	300	19,900	3.22	640	12	14,316	3.75	537	6-72		42	1,087	-.07	28	68
23-35-0080	7078837	1471956	11-67	4	302	18,995	3.83	728	22	15,925	3.70	590	11-72		42	732	.02	29	54
23-35-0082	6373334	1347940	7-65	5	302	19,704	3.21	632	17	16,718	3.59	601	11-71		44	875	-.06	22	54
23-35-0082	6373335	1347940	8-65	5	305	21,314	3.55	756	17	17,220	3.64	627	8-72		44	1,031	-.01	35	71
23-35-0082	6427036	1347940	10-65	4	305	19,485	3.42	666	16	17,017	3.56	605	8-71		44	806	-.02	26	55
23-35-0082	6610015	1469311	8-66	5	303	22,300	3.32	740	21	17,952	3.55	637	8-72		44	747	-.01	25	51
23-35-0082	6610017	1347940	9-66	4	305	24,200	3.52	851	23	18,190	3.65	664	12-71		44	1,272	-.02	43	88
23-35-0082	6763887	1347940	2-67	4	299	20,115	3.39	682	11	17,745	3.70	657	3-72		44	812	-.04	23	52
23-35-0082	6871806	1347940	5-67	3	305	22,866	3.91	893	13	17,506	3.71	650	4-72		42	1,135	.04	47	86
23-35-0082	6964967	1347940	10-67	3	305	22,970	3.35	769	14	18,453	3.68	679	7-72		42	1,060	-.05	30	68
23-35-0082	7239254	1358005	2-69	2	304	27,755	2.95	819	22	19,595	3.68	721	3-73		40	1,102	-.20	8	51
23-35-0082	7262737	1411026	11-68	2	305	25,390	4.17	1060	26	19,770	3.69	730	1-72		40	563	.12	39	56
23-35-0082	7262738	1347940	10-68	3	290	20,956	3.35	703	24	18,590	3.65	678	9-72		42	816	-.04	23	52
23-35-0096	7379155	1427381	5-69	1	305	17,050	3.58	610	18	13,710	3.49	478	12-71		36	946	.04	41	73
23-35-0097	6133639	1417208	9-64	6	269	19,940	3.82	761	20	16,707	3.56	595	1-72	B	44	779	.05	35	61
23-35-0099	6900158	1261057	7-67	4	305	18,715	3.54	662	18	15,545	3.69	573	2-73		44	713	.03	31	55
23-35-0099	6956914	1347940	8-67	3	305	18,446	3.58	660	29	15,213	3.57	543	12-72		42	838	.00	30	59
23-35-0099	7158819	1261057	6-68	3	304	21,260	3.37	716	22	15,820	3.69	583	12-72		42	959	.01	36	69
23-35-0099	7289381	1427381	10-68	2	305	22,415	3.49	783	21	15,625	3.67	574	12-72		40	1,377	.02	52	100
23-35-0099	7289386	1427381	2-69	2	305	18,450	3.77	696	26	15,500	3.60	558	12-72		40	985	.06	45	78
23-35-0106	7040406	1379208	8-67	2	305	18,670	4.36	814	7	15,910	3.57	568	3-73		40	586	.10	37	55
23-35-0106	7089236	1320310	1-68	3	305	18,513	3.65	675	12	16,607	3.56	592	10-72		42	795	-.02	25	53
23-35-0107	5681654	1199324	10-62	5	305	17,268	3.86	666	8	14,676	3.78	555	3-72		44	758	.01	29	55
23-35-0117	6844425	1347940	5-67	3	305	18,163	3.68	669	5	13,520	3.70	500	7-72		42	961	.00	35	68
23-35-0117	7042596	1347940	8-67	4	281	17,090	3.34	570	22	14,042	3.73	524	2-73		44	804	-.04	22	51
23-35-0119	6581854	1347940	8-65	3	303	20,166	3.71	748	8	17,930	3.56	639	3-73		42	786	.02	32	59
23-35-0119	6630367	1347940	8-66	4	305	20,385	3.78	770	11	15,785	3.72	587	2-72		44	1,039	.02	40	76
23-35-0119	6864881	1347940	8-67	4	295	22,252	3.36	748	7	15,425	3.68	567	8-72		44	1,305	-.04	40	87
23-35-0119	6900165	1360676	11-67	3	263	20,873	3.66	763	21	17,560	3.54	621	10-72		41	781	.03	33	59
23-36-0001	6368692	1347940	8-65	3	305	17,046	3.88	661	14	14,950	3.76	562	5-72		42	701	.02	29	53
23-36-0001	7415527	1347940	9-69	2	295	20,260	3.49	707	12	15,360	3.76	577	11-72		40	980	-.02	32	67
23-36-0004	7798319	1427615	9-70	1	305	21,030	3.70	779	13	14,730	3.78	557	12-72		36	938	-.09	19	54
23-36-0006	7111124	1399824	5-67	3	305	20,397	3.50	714	11	15,910	3.67	584	2-72		42	850	.00	30	60
23-36-0006	7348661	1420674	4-68	2	305	22,455	3.56	799	9	15,780	3.71	585	1-72		30	778	-.02	25	53
23-36-0010	6245458	1320310	9-64	6	302	19,142	3.77	722	17	15,995	3.82	611	1-72		44	952	-.03	30	64
23-36-0010	7472638	1427615	7-69	2	305	21,100	3.64	769	12	16,490	3.87	638	11-72		40	945	-.10	18	53
23-36-0011	7346935	1427708	11-68	2	305	21,340	4.17	889	9	16,950	3.74	634	5-72		40	626	.04	29	50
23-36-0014	6425799	1347940	11-65	5	305	18,994	3.52	669	9	14,788	3.79	560	8-72		44	983	-.03	31	66
23-36-0014	7660270	1399824	9-70	1	305	23,210	3.58	832	14	16,940	3.60	609	12-72		36	837	.02	33	62
23-36-0014	7660275	1427615	9-70	1	305	22,620	3.84	869	17	17,230	3.59	618	11-72		36	908	-.07	22	55
23-36-0023	6517464	1441440	10-65	4	305	20,352	3.69	750	15	15,820	3.72	588	4-72		44	879	.02	35	65
23-36-0023	6930982	1458744	7-67	4	301	18,405	3.74	689	23	15,130	3.67	555	8-72		44	794	.01	30	57
23-36-0023	8175933	1447414	9-70	1	305	17,840	3.76	670	11	15,270	3.48	531	2-73		36	808	-.01	28	56
23-36-0025	6857413	1399824	3-67	3	297	19,643	3.92	770	15	16,293	3.63	592	7-72		42	729	.06	36	60
23-36-0025	7451385	1427615	10-69	1	305	23,580	3.40	802	14	15,350	3.68	565	7-72		36	1,091	-.12	21	62
23-36-0031	6713608	1309574	9-66	5	305	19,924	3.61	719	33	15,602	3.92	612	10-72		44	776	.01	29	56
23-36-0031	7479441	1526128	12-69	1	305	24,090	3.42	824	9	15,510	3.91	606	3-72		33	1,401	-.12	31	83
23-36-0032	7818852	1508716	8-70	1	305	15,620	4.43	692	18	12,840	3.81	489	8-72		33	571	.10	35	53
23-36-0035	6970611	1399824	3-67	4	301	18,090	3.78	683	32	13,605	3.90	531	3-73		44	827	.01	32	60
23-36-0046	6153144	1320310	7-64	7	303	18,129	3.73	676	32	14,750	3.93	580	2-73		44	950	-.05	27	61
23-36-0046	7011237	1320310	9-67	4	305	20,083	3.53	709	41	15,305	3.93	601	12-72		44	1,125	-.07	29	70
23-36-0046	7226814	1309574	10-68	3	303	19,097	4.11	785	29	14,917	3.85	574	10-72		42	688	.09	39	61
23-36-0053	7586632	1526128	4-70	1	305	20,130	3.79	762	36	17,410	3.73	650	4-72		33	974	-.07	24	60
23-36-0053	7693720	1441440	10-70	1	305	22,580	3.40	768	29	16,550	3.67	608	11-72		36	804	.00	29	57
23-36-0053	7693721	1441440	11-70	1	305	26,680	3.55	947	33	16,690	3.69	616	12-72		36	1,101	.02	42	80
23-36-0057	5639560	1383981	8-62	8	300	21,441	3.44	737	19	15,149	3.87	586	4-72		32	1,014	-.07	26	63
23-36-0057	5782892	1189870	3-63	7	303	21,566	3.43	739	17	14,980	3.84	575	4-72		44	1,014	-.04	30	66
23-36-0057	6371330	1320310	7-65	5	302	18,006	3.73	671	19	15,058	3.88	584	12-72		44	902	-.04	26	58
23-36-0057	6371331	1320310	7-65	5	305	21,472	3.76	808	17	14,942	3.85	575	3-73		44	1,361	-.02	45	93
23-36-0058	7446417	1320310	7-69	2	292	18,685	3.69	689	9	14,130	3.82	540	6-72		40	1,001	-.04	30	66
23-36-0059	6639739	1320310	6-66	4	305	16,668	3.55	591	12	13,773	3.90	537	10-72		44	854	-.07	20	51
23-36-0059	6774466	1320310	12-66	4	305	16,660	3.38	563	12	13,165	3.93	517	7-72		44	913	-.09	19	53
23-36-0061	6660043	1399824	10-66	4	304	18,485	4.01	742	12	15,603	3.84	599	7-72		44	678	.06	33	55
23-36-0061	6660044	1399824	10-66	5	298	17,876	4.11	735	11	15,796	3.91	617	2-73		44	592	.06	31	50
23-36-0061	7183629	1399824	10-68	3	301	19,623	3.56	699	9	15,070	3.84	579	4-73		42	839	-.01	29	58
23-36-0062	7637308	1393031	3-70	1	305	21,970	4.02	884	13	13,790	3.64	502	9-72		36	868	-.03	26	57
23-36-0065	5547951	1261422	9-61	5	305	25,034	3.65	914	11	16,920	3.72	629	1-73		44	978	-.02	32	67
23-36-0067	6668711	1347940	11-66	4	305	19,015	3.57	679	14	15,067	3.80	572	2-73		44	940	-.02	31	64
23-36-0067	6782853	1458744	10-66	4	302	20,837	3.61	753	20	15,495	3.80	589	10-72		44	1,059	-.03	34	72
23-36-0079	6922819	1393031	12-67	4	305	23,557	3.31	779	14	17,140	4.03	690	3-73		44	1,095	-.17	13	55
23-36-0079	7293267	1320310	11-68	3	305	19,327	3.93	759	19	16,647	4.11	685	1-73		42	885	-.04	26	58
23-36-0080	6547612	1320310	3-66	5	291	16,466	3.66	603	11	13,988	3.65	511	1-72		44	814	-.03	25	54
23-36-0080	7452874	1526128	9-69	2	302	21,810	2.90	632	11	15,445	3.65	563	8-72		38	1,362	-.18	20	72
23-36-0106	4588033	1099477	10-56	12	304	19,703	4.16	820	11	13,912	3.80	529	1-73		44	734	.10	42	65
23-36-0110	5189944	1189870	3-60	7	305	19,413	4.19	813	17	15,770	3.97	626	4-72		44	655	.07	34	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT	D (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-36-0110	7195174	1427381	7-68	2	305	21,045	4.14	871	28	17,250	4.04	697	12-71		40	1,106	.07	51	$ 88
23-36-0114	6620260	1459474	5-66	4	305	21,293	3.17	674	38	14,708	3.69	542	2-72		30	1,004	-.10	21	58
23-36-0115	6337508	1441440	5-65	5	305	16,662	3.99	664	54	13,818	3.65	504	12-71		44	632	.07	34	54
23-36-0115	7126680	1347940	7-68	3	303	17,423	3.48	606	31	15,166	3.56	540	2-73		42	724	-.01	24	50
23-36-0115	7202197	1347940	10-68	2	305	18,495	3.28	607	41	15,330	3.54	542	5-72		40	803	-.03	24	53
23-36-0115	7521811	1441440	10-69	1	298	23,380	3.08	721	17	15,220	3.46	526	2-73		36	943	-.03	30	63
23-36-0128	7266271	1399824	12-68	2	303	17,470	4.51	788	23	15,250	3.93	600	6-72		40	553	.10	35	52
23-36-0128	7585890	1441440	12-69	1	305	19,000	4.27	812	24	16,170	3.75	607	3-72		36	560	.08	32	50
23-36-0129	7154925	1399824	6-68	3	305	17,660	4.09	722	19	15,470	3.66	568	9-72		42	576	.08	33	51
23-36-0129	8164891	1427615	8-70	1	305	22,070	3.61	796	13	16,350	3.85	630	12-72		36	919	-.11	16	51
23-36-0139	6424751	1347940	8-65	6	296	17,168	3.71	637	18	14,423	3.77	544	11-72		44	785	.00	28	55
23-36-0139	6424752	1399824	9-65	5	305	19,012	3.58	681	15	16,292	3.65	595	12-72		44	688	.01	26	50
23-36-0139	6529950	1441440	1-66	5	305	18,752	4.13	774	13	16,312	3.57	582	1-73		44	644	.11	40	60
23-36-0139	6648603	1347940	8-66	4	304	17,932	4.37	783	19	14,760	3.77	556	9-72		44	837	.10	45	72
23-36-0139	6648604	1347940	10-66	4	305	21,940	4.30	943	12	15,972	3.67	586	10-72		44	1,212	.12	62	101
23-36-0146	6997411	1414618	12-67	3	305	21,126	3.43	725	14	15,203	3.64	554	5-72		42	835	-.03	25	55
23-36-0175	7415775	1320310	1-69	3	305	16,753	3.54	593	5	13,787	3.78	521	1-73		42	852	-.06	22	53
23-36-0177	6240713	1320310	8-64	5	305	16,258	3.68	599	9	13,712	3.85	528	8-72		44	816	-.04	23	52
23-36-0187	7255380	1320310	2-69	2	305	21,405	3.92	840	15	14,270	3.69	526	12-72		40	1,265	.00	46	90
23-36-0227	6883617	1347940	6-67	4	232	15,420	4.25	655	14	13,687	3.59	492	12-72	B	44	633	.09	36	56
23-36-0234	6396662	1347940	9-65	4	305	25,447	3.49	888	18	15,625	3.78	591	3-72		44	1,680	-.03	55	114
23-36-0234	6577282	1347940	4-66	1	305	20,250	3.47	702	24	15,000	3.85	577	11-71		36	895	-.03	28	60
23-36-0234	6663020	1347940	5-66	5	305	18,424	3.94	726	10	15,446	3.69	570	3-73		44	841	.04	37	65
23-36-0234	6664385	1441440	3-66	5	305	21,240	3.34	709	21	15,090	3.86	582	11-72		44	1,091	-.05	32	71
23-36-0234	6749965	1436081	10-66	3	305	22,166	3.65	809	19	15,986	3.77	602	12-71		42	676	.02	28	51
23-36-0234	6786024	1347940	3-67	3	305	19,366	3.91	757	12	16,270	3.76	612	3-73		42	846	.03	35	64
23-36-0234	7722909	1427615	10-70	1	305	20,380	3.68	751	22	14,890	3.79	564	8-72		36	880	-.09	17	50
23-36-0236	6980351	1458744	2-68	3	305	17,446	3.91	683	11	13,966	3.78	528	6-72		42	771	.02	31	57
23-36-0236	7138059	1320310	7-68	3	293	18,260	3.44	629	24	14,253	3.94	561	10-72		42	982	-.09	22	58
23-36-0236	7227448	1427381	10-68	3	305	17,766	3.48	618	17	14,500	3.94	572	3-73		42	1,018	-.01	35	71
23-36-0250	5761857	1189870	11-62	6	305	18,412	4.03	742	10	14,078	3.81	536	2-72		44	700	.06	34	57
23-36-0252	7428446	1320310	6-69	2	305	16,810	4.03	677	18	14,160	3.91	553	11-72		40	808	-.01	28	56
23-36-0259	6945282	1441440	10-67	4	242	19,237	3.83	736	26	15,440	3.91	603	1-73	B	44	778	.03	32	58
23-36-0259	7460058	1445198	6-69	2	305	20,300	3.35	681	21	13,765	3.65	503	11-72		31	924	-.01	32	64
23-36-0259	7528273	1445198	2-70	1	305	21,660	3.49	755	14	13,940	3.77	525	6-72		26	852	.01	32	61
23-36-0265	6985149	1309574	10-67	3	305	18,960	3.72	706	10	14,807	3.86	571	2-72		42	683	.04	30	53
23-36-0265	6985150	1309574	12-67	3	305	19,863	3.42	680	12	13,810	3.71	512	1-73		42	878	.00	32	63
23-36-0308	7123430	1347940	5-68	3	305	19,146	3.53	676	14	15,803	3.75	595	12-72		42	857	-.02	27	57
23-36-0310	7068167	1347940	3-68	2	305	19,380	3.75	726	13	13,210	3.87	511	9-72		40	1,065	.00	39	76
23-36-0310	7197368	1413165	6-68	3	301	17,540	3.84	673	17	12,410	3.88	482	1-73		42	845	-.07	20	51
23-36-0310	7358447	1347940	7-69	2	305	15,460	4.14	640	6	12,310	3.77	464	3-73		40	741	.05	34	59
23-36-0317	7217702	1436081	1-69	2	305	24,285	3.37	819	5	14,800	3.60	533	5-72		40	898	.00	32	63
23-36-0318	4905892	1189870	5-59	9	304	20,064	3.58	718	9	15,420	3.85	593	9-72		44	775	-.02	25	52
23-36-0318	6462736	1347940	9-65	4	305	20,097	3.89	782	18	17,567	3.75	659	2-72		44	827	.03	38	63
23-36-0318	6688592	1399824	12-66	4	305	19,883	3.58	711	10	15,976	3.84	614	9-72		44	814	-.01	28	57
23-36-0318	7142299	1399824	9-68	3	305	21,897	3.73	816	10	17,183	3.86	664	3-73		42	906	.02	38	66
23-36-0326	7423472	1320310	1-69	1	305	19,620	3.77	739	18	16,650	3.46	576	2-72		36	835	-.01	28	57
23-36-0327	6919878	1393031	9-67	3	304	23,583	2.83	667	11	16,336	3.73	609	4-72		42	1,119	-.21	7	51
23-36-0327	7365318	1320310	6-69	1	305	16,170	3.64	662	8	14,240	3.41	485	3-73		36	871	-.02	28	59
23-36-0327	7468709	1427615	8-69	2	305	22,190	2.69	597	8	14,975	3.57	535	2-73		40	1,179	-.21	9	55
23-36-0327	7561387	1441440	1-70	1	305	20,840	3.89	811	24	16,550	3.56	589	5-72		36	675'	.06	33	55
23-36-0327	7697391	1399824	6-70	1	305	20,480	3.47	711	24	15,880	3.60	572	8-72		36	697	.01	26	50
23-36-0327	7697396	1427615	7-70	1	305	19,650	3.36	661	6	12,150	3.88	472	3-73		36	989	-.13	16	54
23-36-0331	7747149	1427381	1-71	1	305	17,560	3.40	590	6	14,010	3.59	503	1-73		36	951	.02	38	71
23-36-0332	6444377	1460991	8-65	6	302	19,617	3.64	714	18	14,857	3.74	556	2-73		32	762	-.01	26	53
23-36-0333	7203774	1309574	4-68	3	299	17,560	3.80	668	18	13,013	3.90	507	8-72		42	687	.04	31	54
23-36-0333	7208431	1347940	10-68	2	299	17,175	3.63	624	18	13,685	3.92	537	10-72		40	803	-.02	26	54
23-36-0346	6434265	1347940	10-65	4	305	19,177	4.22	809	15	13,812	3.82	528	9-72		44	1,084	.08	51	87
23-36-0346	7008271	1389915	8-67	4	305	18,980	3.79	719	14	14,920	3.75	559	4-73		42	907	-.02	29	61
23-36-0347	5681991	1181068	3-62	7	303	20,696	3.52	728	11	15,296	3.79	580	3-72		44	795	-.03	24	52
23-36-0378	6374777	1454185	8-65	6	305	19,830	3.72	738	37	14,857	3.63	540	12-72		34	869	.04	38	67
23-36-0378	6377176	1347940	1-65	4	305	19,777	3.75	741	38	16,420	3.61	593	12-72		44	901	.02	36	67
23-36-0378	6603291	1320310	9-65	5	305	19,864	3.24	644	44	15,450	3.65	564	11-72		44	1,102	-.09	23	66
23-36-0378	6999336	1320310	9-66	4	303	20,453	3.36	688	35	15,415	3.68	567	7-72		44	1,160	-.08	29	71
23-36-0378	7077916	1360676	6-67	3	305	20,890	3.59	750	38	15,090	3.66	552	4-72		41	1,014	.01	38	73
23-36-0378	7198960	1337741	10-68	2	305	19,685	4.24	834	31	15,275	3.57	546	4-72		40	634	.09	37	57
23-36-0378	7298220	1441440	12-68	2	305	19,615	3.67	720	40	15,710	3.63	571	8-72		40	725	.03	31	55
23-36-0378	7520755	1347940	11-69	2	304	20,215	3.65	738	29	16,335	3.59	659	12-72		40	734	.01	28	53
23-36-0378	7569377	1537653	9-69	2	305	21,110	3.26	688	37	16,510	3.49	576	1-73		31	871	-.07	20	52
23-36-0378	7569378	1537653	11-69	1	305	22,670	3.82	865	31	16,090	3.70	596	7-72		26	907	-.01	31	63
23-36-0378	7569380	1537653	12-69	2	305	22,465	3.62	814	23	17,270	3.51	607	4-73		31	958	-.02	32	66
23-36-0378	7569384	1504414	10-69	2	305	21,875	3.56	779	23	17,830	3.49	623	4-73		38	705	.06	34	57
23-36-0378	7662839	1537653	4-70	1	305	23,860	3.24	773	36	16,870	3.66	617	9-72		26	956	-.09	21	56
23-36-0386	6738932	1399824	7-66	5	305	20,472	3.56	728	13	16,322	3.70	604	3-73		44	873	.00	31	61
23-36-0386	6954525	1347940	1-68	3	290	18,713	3.56	666	15	15,226	3.68	560	9-72		42	867	-.01	29	60
23-36-0386	7060384	1347940	10-67	3	304	18,990	3.28	622	19	16,000	3.76	601	3-72		42	828	-.06	21	51
23-36-0386	7375255	1399824	6-68	3	305	21,773	3.19	695	14	15,800	3.68	581	1-73		42	1,019	-.06	28	65
23-36-0388	7052646	1347940	2-67	4	301	17,067	3.82	652	12	14,367	3.74	537	1-73		44	769	.02	31	57
23-36-0388	7823215	1441440	7-70	1	305	16,720	4.25	710	21	12,590	3.94	496	10-72		36	604	.06	31	51
23-36-0408	5996496	1189870	6-63	7	301	21,031	3.76	790	27	16,419	3.75	616	11-72		44	797	.02	32	59
23-36-0408	7289813	1427615	2-69	2	305	21,350	3.48	742	38	16,180	3.57	577	11-72		40	996	-.10	20	57
23-36-0408	7403071	1399824	9-69	2	305	22,345	3.10	693	35	17,100	3.46	592	4-73		40	898	-.04	26	58
23-36-0408	7802432	1399824	5-69	2	305	22,395	3.65	817	49	17,630	3.59	633	1-73		40	860	.03	35	64
23-36-0408	7802436	1427615	5-69	2	305	22,490	3.10	697	40	17,170	3.69	634	1-73		40	1,031	-.17	11	51
23-36-0408	7834218	1427615	7-69	2	305	22,440	3.08	691	26	17,190	3.58	615	4-73		40	1,024	-.16	12	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVG MO-YR	C D	C O W REPT (%)	I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-36-0408	7834222	1399824	6-69	1	305	18,530	4.36	807	29	15,740	3.55	558	7-72		36	560	.09	34	$ 51
23-36-0408	7905118	1399824	11-69	1	305	27,590	3.18	876	27	16,000	3.56	569	6-72		36	1,220	-.03	39	82
23-36-0408	7905121	1399824	9-69	1	305	22,060	3.35	738	29	15,740	3.55	558	7-72		36	823	.00	29	58
23-36-0408	7926862	1441440	1-70	1	305	23,580	3.79	893	46	17,680	3.68	651	1-73		36	811	.04	36	63
23-36-0408	7926867	1399824	11-69	1	305	22,200	3.26	724	29	14,590	3.55	518	8-72		36	902	-.01	31	63
23-36-0411	7698007	1320310	6-69	2	305	16,800	3.95	663	20	13,230	3.63	480	7-72		40	882	.00	32	63
23-36-0411	7794465	1441440	9-70	1	305	17,740	4.09	726	8	14,000	3.72	521	4-73		36	596	.06	31	50
23-36-0417	6187726	1320310	10-64	7	297	18,100	3.78	685	23	16,583	3.77	626	7-72		44	757	-.02	24	51
23-36-0418	6916749	1347940	11-67	2	305	16,290	3.79	617	21	13,925	3.83	533	2-73		40	694	.01	26	50
23-36-0418	7191437	1347940	12-68	2	292	19,035	3.48	662	19	13,950	3.61	503	9-72		40	970	-.01	33	67
23-36-0418	7475433	1320310	3-69	2	305	16,570	3.54	587	17	14,185	3.57	506	11-72		40	781	-.04	22	50
23-36-0418	7684791	1347940	3-70	1	305	15,940	4.10	653	20	13,970	3.64	508	9-72		36	635	.04	29	50
23-36-0421	6550699	1399824	12-65	4	290	18,125	4.27	774	18	13,968	3.89	543	1-73		44	795	.09	42	68
23-36-0421	6636262	1347940	9-66	4	303	17,737	3.77	669	15	13,780	3.87	533	6-72		44	910	.00	33	65
23-36-0421	7231740	1320310	1-69	2	305	15,635	3.79	593	19	13,065	3.87	505	12-72		40	778	-.03	23	51
23-36-0424	6230640	1320310	10-64	6	305	19,233	3.55	682	13	15,005	3.74	561	1-73		44	1,066	-.05	30	68
23-36-0424	6916225	1441440	7-67	4	299	19,835	3.24	643	19	14,707	3.84	565	12-72		44	925	-.06	24	58
23-36-0424	7232468	1399824	9-68	3	305	19,863	3.66	726	20	14,623	3.82	559	12-72		42	907	.01	34	65
23-36-0424	7845454	1441440	4-71	1	305	20,940	3.23	677	11	15,830	3.66	579	4-73		36	725	-.01	24	50
23-36-0427	5051343	1189870	8-59	5	305	23,192	4.05	939	16	14,924	3.93	586	1-72		44	1,230	.06	54	95
23-36-0428	6178532	1320310	11-64	5	305	18,692	4.45	832	9	16,294	3.74	610	1-72		44	863	.08	44	72
23-36-0428	6342300	1320310	1-65	6	301	20,235	3.65	739	10	16,210	3.79	615	9-72		44	1,071	-.04	32	70
23-36-0428	6433206	1441440	12-65	5	304	19,990	3.53	705	11	16,572	3.78	626	11-72		44	777	-.01	27	54
23-36-0428	7115978	1309574	4-68	3	304	19,843	4.37	867	11	17,390	3.70	644	4-72		42	547	.15	42	57
23-36-0436	6277667	1320310	10-64	6	297	15,538	3.69	573	54	13,200	3.81	503	10-72		44	776	-.04	22	50
23-36-0436	6349429	1320310	2-65	5	294	15,756	4.40	693	35	13,770	3.78	520	4-72		44	745	.06	36	60
23-36-0436	6734520	1320310	8-66	4	305	16,348	4.02	657	59	13,955	3.84	536	2-73		44	797	.00	29	57
23-36-0436	7375213	1320310	3-69	2	305	16,720	3.95	660	55	14,405	3.87	557	3-73		40	779	-.02	25	53
23-36-0443	5174459	1189870	10-60	9	305	20,492	4.53	928	14	16,186	3.90	632	10-72		44	751	.14	48	71
23-36-0443	6938922	1399824	8-67	3	305	18,790	4.07	765	24	16,253	3.91	636	5-72		42	634	.05	31	52
23-36-0443	7521933	1427381	12-69	1	305	17,810	4.28	762	21	15,990	4.10	656	12-72		38	866	.07	42	70
23-36-0443	7534606	1427381	11-69	1	305	22,830	3.80	867	22	15,550	3.95	615	6-72		38	1,266	.04	52	93
23-36-0443	7595788	1399824	4-70	1	305	19,850	4.03	800	29	15,100	4.03	608	9-72		36	697	.04	31	54
23-36-0448	7030739	1347940	4-67	3	305	18,300	3.57	654	19	15,080	3.77	568	6-72		42	833	-.02	27	56
23-36-0448	7079808	1427615	10-67	3	305	22,000	3.30	725	23	14,833	3.73	554	9-72		42	1,253	-.14	23	70
23-36-0454	6852542	1399824	5-67	3	305	17,360	3.53	613	17	12,630	3.67	464	6-72		42	803	.01	30	58
23-36-0458	7454004	1347940	1-68	3	305	15,976	4.10	655	30	13,236	3.69	489	11-72		42	735	.06	35	59
23-36-0458	7481921	1347940	1-68	3	302	15,203	3.91	594	32	12,606	3.66	462	8-72		42	705	.03	30	56
23-36-0463	6899960	1477877	8-67	3	305	20,860	3.62	755	32	15,410	3.62	558	4-72		32	856	-.01	30	60
23-36-0469	6702462	1469044	10-66	3	305	20,537	3.22	661	19	14,863	3.64	541	4-72		38	851	-.06	21	52
23-36-0471	7162187	1399824	6-68	3	303	19,880	3.18	633	10	14,017	3.78	530	9-72		42	965	-.06	26	61
23-36-0474	6996358	1347940	6-67	4	295	20,355	3.64	740	15	15,780	3.68	580	9-72		44	1,035	.00	37	73
23-36-0474	6996362	1347940	11-67	3	305	18,656	3.63	678	12	15,973	3.75	599	9-72		42	792	-.01	27	55
23-36-0476	7333146	1399824	1-69	3	305	17,750	4.16	738	22	15,383	3.82	588	2-73		42	595	.08	33	52
23-36-0478	4977152	1189870	7-59	9	305	23,332	4.53	1057	15	17,038	3.91	666	2-73		44	1,030	.15	61	93
23-36-0478	5123585	1189870	10-59	10	304	23,023	3.57	823	15	17,473	3.98	695	2-72		44	945	-.04	28	62
23-36-0478	5670731	1189870	11-62	6	305	22,555	3.79	854	15	16,838	3.95	665	1-72		44	950	.01	35	68
23-36-0478	7473020	1399824	12-69	2	305	19,235	4.25	817	8	16,920	4.07	689	4-73		40	597	.06	31	50
23-36-0495	7343203	1399824	7-67	4	305	20,775	3.12	648	18	16,660	3.73	621	12-72		44	856	-.08	19	51
23-36-0497	6285957	1402118	2-65	5	305	22,836	4.11	939	9	17,554	3.96	695	2-72		44	911	.04	39	70
23-36-0497	7367554	1427615	5-69	1	305	23,720	3.49	828	14	17,540	4.02	705	10-72		36	971	-.13	14	51
23-36-0497	7729385	1458744	11-70	1	305	21,170	4.12	872	8	16,360	4.14	761	2-73		36	690	.01	26	50
23-36-0518	7140360	1320310	8-68	3	305	16,240	3.61	586	15	13,677	3.73	510	12-72		42	803	-.04	22	51
23-36-0531	6745327	1399824	12-66	4	305	18,058	3.77	681	9	14,525	3.81	554	3-73		44	732	.02	30	55
23-36-0531	6860233	1399824	3-67	4	304	17,148	3.91	670	11	14,365	3.74	537	6-72		44	635	.05	30	51
23-36-0531	6860234	1399824	3-67	4	303	18,670	3.90	729	12	14,645	3.97	581	10-72		44	795	.03	33	60
23-36-0531	7157705	1347940	6-68	2	301	18,130	3.78	685	14	13,580	3.94	535	12-71		40	908	.00	33	65
23-36-0536	6516824	1320310	7-65	6	305	17,022	3.81	679	46	15,968	3.73	595	11-72		44	785	-.01	26	54
23-36-0536	6516826	1441440	8-65	5	303	19,788	3.53	698	41	15,826	3.75	593	10-72		44	828	-.01	29	58
23-36-0536	6760421	1309574	11-66	4	305	22,120	3.31	733	46	15,580	3.77	588	9-72		44	1,028	-.03	33	69
23-36-0536	7092855	1320310	7-67	4	302	18,928	3.73	706	46	15,918	3.74	596	10-72		44	922	-.03	29	62
23-36-0536	7275294	1320310	1-69	2	305	18,150	4.28	777	50	15,765	3.74	589	9-72		40	814	.04	35	62
23-36-0536	7327152	1320310	1-69	2	305	19,745	3.84	758	46	15,685	3.76	589	9-72		40	982	-.01	33	68
23-36-0536	7545403	1427615	9-69	2	305	22,015	3.33	732	51	16,015	3.77	604	10-72		40	1,077	-.14	17	58
23-36-0536	7763688	1320310	3-69	2	305	21,050	3.26	686	34	15,160	3.81	577	7-72		40	1,157	-.10	26	69
23-36-0536	7763690	1320310	4-69	2	305	20,735	3.75	777	50	15,765	3.74	589	9-72		40	1,076	-.02	35	73
23-36-0541	7306391	1320310	2-69	2	301	15,765	3.90	615	20	13,980	3.58	501	11-72		40	716	.00	25	50
23-36-0550	6607849	1399824	6-66	4	298	15,320	4.28	656	16	12,505	3.78	473	3-72		44	593	.09	33	53
23-36-0560	7716983	1427381	11-70	1	305	21,800	3.71	808	24	17,140	3.80	651	10-72		36	1,095	.04	45	82
23-36-0564	7027385	1441440	4-68	1	305	18,700	3.46	647	16	13,640	3.78	512	12-72		36	689	.01	26	50
23-36-0566	7208433	1347940	9-68	3	305	17,536	3.71	650	11	14,130	3.86	546	8-72		42	833	-.01	29	58
23-36-0566	7230778	1347940	9-68	2	305	17,640	3.71	654	13	14,510	3.87	562	5-72		40	783	-.01	27	54
23-36-0566	7230779	1347940	10-68	2	305	19,645	4.23	839	13	14,510	3.87	562	5-72		40	1,007	.06	46	80
23-36-0579	7405377	1427615	9-69	2	305	18,875	3.32	626	23	13,655	3.76	514	12-72		40	949	-.13	14	50
23-36-0579	7816976	1427381	9-70	1	305	17,200	3.38	582	21	14,590	3.68	537	9-72		36	904	.02	35	66
23-36-0585	6826259	010270856	3-65	5	305	19,276	3.40	655	12	13,898	3.65	507	3-72		32	830	-.04	23	53
23-36-0585	6828335	1309574	7-67	4	278	18,340	3.57	655	14	13,618	3.65	497	9-72		44	755	.03	32	58
23-36-0585	7532813	1347940	6-68	1	305	20,520	3.45	707	13	16,150	3.60	581	10-72		36	846	-.01	29	59
23-36-0585	7779907	1347940	12-70	1	305	21,670	3.05	662	7	16,080	3.73	600	1-73		36	936	-.06	24	58
23-36-0587	6935640	1393031	11-67	4	303	22,255	3.16	703	16	15,397	3.72	572	12-72		44	1,106	-.15	16	58
23-36-0599	7266391	1309574	11-68	2	303	25,790	3.21	829	17	17,440	3.76	656	4-72		40	1,113	-.04	34	74
23-36-0599	7710455	1441440	6-70	1	305	20,750	3.97	823	17	17,970	3.62	650	6-72		36	583	.07	31	50
23-36-0603	6005083	1385452	3-63	5	305	20,908	3.81	797	12	15,938	3.96	631	4-72		32	830	.00	30	59
23-36-0603	7696539	1458744	10-70	1	305	21,280	3.33	709	11	14,400	4.01	577	12-72		36	935	-.06	24	58
23-36-0603	7904136	1427381	2-71	1	305	18,100	3.99	722	8	16,210	3.71	602	3-73		36	875	.07	42	71

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COWS LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	...DAYS REC'D	DAYS	AVERAGE MILK (LB)	PRODUCTION FAT (%)	FAT (LB)	NO.	HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-36-0604	6717933	1261857	12-66	4	301	17,398	4.06	706	11	14,958	3.78	565	4-72	44	608	.10	37	$ 56
23-36-0604	7337185	1347940	5-69	1	305	17,150	3.96	679	13	14,940	3.51	524	8-71	36	667	.04	30	52
23-36-0604	7371881	1330987	8-69	2	305	22,570	3.32	750	12	16,250	3.62	589	1-73	40	934	.00	33	66
23-36-0612	6320587	1347940	2-65	6	278	17,010	3.73	634	10	14,930	3.66	546	12-71	44	712	.02	28	52
23-36-0612	6774124	1347940	9-66	5	295	18,978	3.49	662	11	13,670	3.80	519	11-72	44	1,096	-.03	34	73
23-36-0619	6973948	1320310	1-68	3	305	18,613	3.40	632	7	15,630	3.65	571	6-72	42	896	-.07	22	55
23-36-0619	7326734	1320310	5-69	2	305	19,020	3.65	694	11	15,195	3.71	564	11-72	40	948	-.04	28	62
23-36-0622	7389049	010275932	2-65	2	305	20,910	3.76	786	13	15,370	3.54	544	2-72	40	691	.05	32	55
23-36-0625	6530519	1320310	7-65	5	305	17,636	3.71	654	11	13,576	3.80	516	9-72	44	1,008	-.03	31	67
23-36-0627	6709237	1347940	10-66	3	296	20,850	3.81	795	12	16,126	3.81	615	7-72	42	1,030	.01	39	75
23-36-0627	7215659	1347940	8-68	1	305	22,620	3.58	810	6	16,380	3.67	601	10-72	36	989	.00	35	70
23-36-0627	7215660	1347940	12-68	1	305	22,790	3.70	844	15	16,830	3.75	631	11-71	36	975	.01	36	70
23-36-0644	6776176	1320310	11-66	4	305	20,513	3.45	708	21	15,715	3.70	581	3-73	44	1,137	-.07	30	73
23-36-0644	6962235	1347940	1-68	3	305	18,310	3.51	642	20	15,260	3.65	557	9-72	42	818	-.02	27	56
23-36-0644	7151058	1347940	8-68	2	305	18,820	3.68	692	21	15,930	3.65	582	2-72	40	788	.01	30	57
23-36-0649	6973552	1417208	11-67	3	305	19,937	3.11	621	19	14,100	3.77	532	10-72	42	979	-.08	23	59
23-36-0649	6973553	1417208	12-67	3	305	18,180	3.60	654	17	14,463	3.75	542	11-72	42	744	.00	26	52
23-36-0649	7116542	1417208	6-68	2	305	19,970	3.76	750	14	15,770	3.74	590	9-72	40	781	.01	30	57
23-36-0649	7184164	1427381	7-68	3	305	17,750	3.66	649	10	14,903	3.75	559	2-73	42	979	.03	40	73
23-36-0649	7473503	1427381	9-69	2	299	17,695	4.20	744	16	15,710	3.67	577	12-72	40	891	.10	48	76
23-36-0649	7473504	1427381	12-69	1	305	20,300	4.06	825	13	14,900	3.70	552	7-72	36	1,117	.08	53	90
23-36-0649	7660728	1458744	9-70	1	291	17,980	4.82	866	15	16,300	3.76	613	1-73	36	575	.09	34	52
23-36-0652	6659754	1461578	6-66	5	305	20,732	2.90	601	12	14,862	3.53	524	2-73	43	970	-.10	20	56
23-36-0653	7433947	1320310	2-69	2	305	19,690	3.64	716	22	16,330	3.64	595	3-73	40	924	-.03	28	61
23-36-0666	6662828	1393997	11-66	5	270	22,464	3.42	769	16	18,604	3.64	678	2-73	44	895	-.03	27	59
23-36-0666	6899759	1368763	5-67	3	303	22,726	3.63	824	26	16,200	3.74	606	4-72	42	834	-.05	22	52
23-36-0666	7254089	1347940	10-68	3	300	20,220	3.67	742	20	18,046	3.67	663	11-72	42	781	.01	29	56
23-36-0666	7259102	1347940	12-67	1	305	23,370	3.45	807	16	18,620	3.78	703	11-72	36	911	-.02	29	61
23-36-0670	6518593	1320310	12-65	4	305	17,360	3.76	652	16	14,403	3.74	539	5-72	44	878	-.02	28	59
23-36-0670	7041138	1441440	11-67	3	305	18,280	3.49	638	12	14,550	3.73	543	5-72	42	724	.00	26	51
23-36-0670	7236288	1347940	5-67	3	300	18,286	3.61	660	17	13,826	3.81	527	8-71	42	947	-.01	32	65
23-36-0672	6952532	1488498	8-67	3	305	18,153	3.89	706	19	13,237	3.88	514	3-72	29	661	.02	27	50
23-36-0672	7748526	1427381	9-70	1	305	20,730	3.68	762	16	14,540	4.01	583	4-73	36	1,170	.02	46	86
23-36-0673	6677198	1347940	8-66	3	305	18,756	3.96	743	9	14,630	3.73	545	5-72	42	927	.04	40	71
23-36-0673	6902655	1347940	12-66	4	305	19,985	3.57	714	17	15,330	3.78	579	9-72	44	1,034	-.02	34	71
23-36-0673	6902656	1347940	1-67	3	305	21,203	3.32	704	12	15,420	3.67	566	8-72	42	1,136	-.05	33	74
23-36-0673	7014518	1347940	8-67	3	305	17,023	3.57	608	16	14,330	3.80	545	10-71	42	755	-.02	24	51
23-36-0673	7263638	1347940	8-68	2	305	18,060	3.60	651	11	14,725	3.68	542	3-72	40	808	.00	29	57
23-36-0673	7332908	1347940	10-68	3	305	19,630	3.44	675	13	14,293	3.85	550	3-73	42	1,059	-.05	31	69
23-36-0673	7332909	1347940	10-68	3	303	17,133	4.02	688	17	14,000	3.87	542	11-72	42	798	.03	34	61
23-36-0673	7332910	1347940	10-68	2	305	18,865	3.70	698	17	14,020	3.84	538	11-71	40	947	.00	34	67
23-36-0673	7540348	1347940	8-69	1	305	25,320	3.44	870	19	13,360	3.94	526	11-71	36	1,370	-.03	44	93
23-36-0675	7000444	1347940	2-68	2	305	18,125	3.56	646	17	14,495	3.59	520	10-71	40	834	.00	30	59
23-36-0675	7147742	1320310	6-68	3	305	19,397	3.23	626	16	15,417	3.66	565	1-73	42	1,006	-.09	22	59
23-36-0676	7492364	1427615	11-68	2	305	19,705	3.18	626	33	14,325	3.56	510	10-72	40	979	-.14	14	52
23-36-0676	7492365	1427615	11-68	2	305	21,195	2.80	594	29	14,710	3.54	521	11-72	40	1,099	-.19	10	53
23-36-0679	5824377	1399824	1-63	7	301	16,784	4.36	732	21	14,549	3.95	575	10-72	44	580	.09	35	53
23-36-0679	6538847	1399824	2-65	6	302	17,977	3.68	662	15	14,542	3.99	580	3-73	44	735	-.01	25	51
23-36-0679	6575996	1466295	6-66	4	305	19,240	4.28	823	24	15,413	3.92	604	7-72	37	581	.12	39	56
23-36-0679	6899426	1399824	8-67	4	302	19,440	3.50	681	17	15,300	4.06	621	11-72	44	826	-.04	23	53
23-36-0679	6916229	1399824	9-67	3	305	17,037	4.34	740	19	14,727	4.07	599	10-72	42	573	.07	32	50
23-36-0679	7075991	1427615	6-68	3	303	20,267	3.69	748	28	14,983	4.02	603	10-72	42	1,040	-.10	21	60
23-36-0683	7613739	1427381	9-69	2	305	21,235	3.87	822	19	15,045	3.60	542	11-72	40	1,304	.08	59	103
23-36-0683	7832749	1427381	5-70	1	305	19,100	4.27	815	18	15,240	3.62	552	10-72	36	1,007	.10	52	85
23-36-0685	6981573	1347940	5-66	4	300	15,065	4.19	631	8	13,072	3.87	506	6-72	44	650	.05	31	52
23-36-0685	7090138	1347940	11-66	3	305	15,396	4.18	644	8	13,610	3.80	517	10-71	42	634	.05	31	52
23-36-0688	7196356	1320310	11-68	3	305	18,913	3.29	622	7	15,440	3.66	565	4-73	42	948	-.08	21	56
23-36-0693	7376734	1320310	6-69	2	285	19,470	3.70	721	13	15,835	3.56	563	3-73	40	942	-.02	31	64
23-36-0702	5414758	1199324	4-61	9	302	19,478	3.49	680	13	15,732	3.68	579	6-72	44	934	-.04	28	61
23-36-0702	7057165	1393031	9-67	4	305	21,950	3.33	732	17	16,702	3.71	620	1-73	44	940	-.12	15	51
23-36-0706	5337728	1244845	3-61	8	299	20,038	3.64	729	20	15,783	3.62	571	1-73	44	766	-.02	24	51
23-36-0706	7299896	1320310	8-68	3	294	15,083	4.50	678	33	13,227	3.79	501	9-72	42	711	.05	34	57
23-36-0706	7438861	1427381	10-68	2	305	20,985	3.96	831	24	12,995	3.96	514	8-72	40	1,445	.06	62	111
23-36-0706	7483758	1427381	8-69	2	305	16,670	3.97	662	29	13,355	3.74	499	9-72	40	978	.07	46	78
23-36-0706	7718566	1447414	9-70	1	305	15,980	3.98	636	36	13,630	3.80	518	10-72	36	767	-.01	26	53
23-36-0707	7465781	1441440	11-69	2	296	18,980	3.60	684	12	15,535	3.68	571	1-73	40	675	.02	27	50
23-36-0709	7464886	1458744	2-69	2	305	17,365	3.82	663	35	12,705	3.73	474	10-72	40	834	.01	32	61
23-36-0712	7414791	1347940	9-68	2	305	18,330	3.33	610	13	15,250	3.58	546	3-72	40	793	-.03	24	52
23-36-0721	6981538	1347940	9-67	3	305	18,643	4.03	751	8	14,956	3.76	563	11-71	42	884	.05	39	69
23-36-0728	6581376	1320310	6-66	5	299	17,334	3.76	652	15	14,922	3.83	571	11-72	44	830	-.03	25	55
23-36-0728	6622747	1320310	4-66	4	282	17,828	3.67	654	10	14,848	3.74	556	3-73	44	891	-.04	26	58
23-36-0728	7263002	1347940	1-69	2	282	17,600	4.14	729	16	14,230	3.83	545	10-72	40	802	.05	36	63
23-36-0733	6638857	1222994	3-66	4	305	19,385	3.10	600	35	14,590	3.46	505	6-72	44	841	-.06	21	52
23-36-0733	6869757	1244845	10-66	4	305	18,700	3.92	733	21	14,995	3.41	511	11-72	44	657	.04	30	52
23-36-0733	6929066	1222994	3-67	4	305	19,323	3.23	625	24	14,153	3.57	505	1-73	44	876	-.05	24	56
23-36-0741	6866120	1399824	7-67	4	305	20,363	3.65	743	11	16,460	4.29	706	12-72	44	825	-.05	22	52
23-36-0741	7078110	1399824	1-68	3	305	21,180	3.65	774	12	16,667	4.16	694	2-72	42	871	-.03	27	58
23-36-0742	6538860	1441440	11-65	4	305	18,897	3.76	711	20	15,520	3.65	567	11-71	44	729	.04	33	57
23-36-0742	6583996	1434767	3-66	5	303	18,426	3.72	685	25	15,094	3.62	547	5-72	36	669	.02	27	50
23-36-0742	7166100	1517610	5-68	3	305	20,373	3.69	751	11	14,720	3.75	552	2-73	29	809	.00	29	57
23-36-0744	5778942	1399824	12-62	6	305	19,382	3.81	739	12	15,300	3.61	553	3-72	44	838	.05	38	66
23-36-0744	6863609	1365341	8-67	4	301	23,317	3.27	762	14	15,912	3.53	562	11-72	44	1,394	-.06	40	90
23-36-0744	7170815	1347940	10-68	2	305	17,615	4.30	758	11	14,975	3.63	544	11-72	40	743	.08	39	63
23-36-0749	7597969	1427615	5-70	1	305	22,050	3.19	703	13	13,980	3.58	501	6-72	36	1,059	-.13	17	57
23-36-0749	7699620	1427615	7-70	1	305	19,380	3.76	729	12	14,010	3.56	499	7-72	36	858	-.08	19	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-36-0754	6399006	1244045	9-65	5	305	18,720	3.84	719	25	14,480	3.61	523	7-72	44	731	.01	28	$ 53
23-36-0754	6650703	1399824	7-66	5	302	20,240	3.51	711	23	14,860	3.72	553	9-72	44	994	.00	35	70
23-36-0754	6805583	1309574	5-67	3	305	18,133	4.72	855	18	15,570	3.68	573	4-72	42	517	.19	47	60
23-36-0754	7364687	1320310	6-69	2	304	19,970	3.52	702	26	15,850	3.75	594	10-72	40	991	-.06	27	63
23-36-0759	6953676	1347940	5-67	4	305	20,657	3.53	730	10	15,972	3.64	581	2-73	44	1,054	-.01	36	73
23-36-0764	6440977	1309574	10-65	5	298	20,434	3.74	764	11	18,408	3.37	621	5-72	44	552	.09	34	51
23-36-0764	6586124	1347940	3-66	4	305	22,800	3.36	765	11	16,282	3.53	574	8-71	44	1,288	-.03	41	87
23-36-0764	6804645	1347940	12-66	3	305	19,610	3.91	766	14	17,566	3.51	616	6-72	42	755	.06	36	61
23-36-0764	6824560	1347940	2-67	4	301	21,552	3.13	675	14	17,115	3.54	606	8-72	44	1,051	-.07	27	65
23-36-0764	6843294	1347940	2-67	4	305	19,892	3.38	673	6	17,842	3.52	628	3-73	44	774	-.02	25	52
23-36-0764	7450005	1309574	5-69	2	299	20,525	4.02	826	15	17,235	3.62	624	9-72	40	595	.10	36	54
23-36-0764	7916976	1441440	8-69	1	305	23,700	2.94	696	7	17,330	3.76	651	11-71	36	841	-.06	21	52
23-36-0764	7716760	1399824	7-70	1	305	20,160	4.39	886	19	18,270	3.65	667	9-72	36	531	.10	34	50
23-36-0766	7150283	1347940	9-68	3	305	19,093	3.62	691	9	15,403	3.62	557	1-73	42	895	.00	32	63
23-36-0770	7169330	1320310	10-68	3	299	18,627	3.31	617	9	15,283	3.67	561	11-72	42	930	-.08	21	55
23-36-0771	6583880	1347940	3-66	4	305	19,467	3.58	696	14	16,535	3.56	588	2-72	44	851	.00	31	61
23-36-0771	7224753	1427381	6-68	3	305	20,040	3.34	670	17	16,673	3.65	609	8-72	42	1,079	-.01	38	76
23-36-0771	7403782	1458744	7-69	1	305	23,120	3.18	735	14	18,050	3.63	656	2-72	36	854	-.06	22	53
23-36-0771	7519755	1417208	11-69	1	305	25,070	3.65	916	21	18,450	3.58	661	10-72	36	903	.01	34	65
23-36-0771	7616234	1427381	4-70	1	305	23,620	3.45	814	12	16,940	3.62	614	7-72	36	1,242	.02	48	91
23-36-0771	7923447	1427381	11-69	2	300	20,765	3.66	759	12	17,550	3.53	619	1-73	40	1,053	.05	46	81
23-36-0771	7975822	1427381	1-70	2	297	21,455	3.02	647	11	17,585	3.54	623	1-73	40	1,120	-.04	34	74
23-36-0771	8091238	1427381	6-70	1	305	25,780	2.56	660	22	17,670	3.68	651	9-72	36	1,360	-.09	34	84
23-36-0775	7442313	1320310	5-69	3	305	18,637	3.59	670	10	15,493	3.53	547	1-73	42	911	-.03	28	61
23-36-0778	7442741	1526128	9-69	2	305	17,695	3.42	605	34	13,065	3.43	448	10-72	38	1,128	-.09	27	68
23-36-0778	7442742	1526128	9-69	2	305	19,495	3.22	628	26	13,975	3.41	477	12-72	38	1,242	-.11	27	73
23-36-0780	6630011	1436001	6-66	4	305	21,727	4.26	926	11	16,580	3.87	641	10-72	44	620	.12	41	60
23-36-0780	6849090	1399824	7-67	3	305	19,030	4.06	773	16	16,430	3.80	624	7-72	42	645	.06	33	54
23-36-0780	7462184	1526128	9-69	1	309	21,040	3.37	708	11	16,980	3.63	617	11-71	33	1,072	-.11	21	61
23-36-0780	7462185	1526128	1-70	1	305	19,830	3.20	634	17	15,390	3.73	574	5-72	33	1,077	-.13	18	59
23-36-0782	6669138	1309574	9-66	4	305	18,963	4.29	813	6	15,520	4.16	646	3-73	44	644	.09	37	57
23-36-0787	6814661	1347940	8-66	1	305	21,920	3.35	735	15	18,170	3.46	629	12-72	36	830	-.01	28	57
23-36-0788	6778381	1320310	8-66	5	300	18,544	3.13	581	26	13,596	3.68	500	1-73	44	1,123	-.11	23	65
23-36-0788	6778385	1320310	11-66	4	303	17,458	3.31	577	24	13,323	3.65	486	6-72	44	996	-.08	24	61
23-36-0788	7543272	1441440	3-70	1	305	18,600	3.40	632	23	13,320	3.65	486	6-72	36	700	.01	26	50
23-36-0794	5669234	1189870	7-62	6	304	20,510	3.88	795	21	16,420	3.78	620	9-72	44	729	.04	32	56
23-36-0794	6167531	1237057	9-64	6	305	20,603	3.76	774	19	16,176	3.75	606	1-72	44	793	-.02	25	53
23-36-0794	6340160	1237057	3-65	6	305	24,556	3.51	861	20	16,405	3.83	628	4-73	44	1,280	-.08	34	81
23-36-0794	6677239	1300014	11-66	4	305	23,860	3.65	870	28	17,008	3.77	641	9-72	44	1,140	-.06	31	72
23-36-0794	7429703	1399824	8-69	2	305	19,460	3.92	763	26	16,235	3.88	630	1-73	40	675	.04	30	53
23-36-0795	5992091	1347940	9-63	4	305	18,450	3.38	623	11	14,385	3.60	518	10-71	44	938	-.03	29	62
23-36-0796	6927364	1320310	12-67	3	305	16,610	4.14	688	35	13,697	3.77	517	10-72	42	843	.02	33	62
23-36-0799	6232176	1340669	11-64	5	297	22,200	2.90	643	30	14,954	3.76	562	11-72	44	1,140	-.20	10	55
23-36-0799	6617185	1458744	7-66	4	305	20,070	3.25	652	37	14,455	3.63	524	10-72	44	1,067	-.07	28	67
23-36-0799	6706983	1458744	7-66	3	305	22,046	3.67	809	36	14,680	3.62	531	10-71	42	1,235	.00	45	88
23-36-0799	6722946	1347940	11-66	2	305	15,300	4.45	681	34	13,725	3.69	506	9-72	40	609	.09	35	54
23-36-0799	7141346	1347940	7-68	3	298	19,373	3.50	679	41	14,186	3.67	521	10-72	42	1,039	-.02	34	71
23-36-0799	7141350	1441440	9-68	2	305	19,195	3.81	731	38	14,615	3.70	541	2-72	40	772	.04	34	60
23-36-0799	7204645	1347940	9-68	1	305	23,560	3.66	863	45	14,670	3.72	545	11-71	36	1,161	.00	42	82
23-36-0799	7382070	1347940	7-69	2	305	17,775	3.56	633	41	14,010	3.63	508	9-72	40	838	.00	30	59
23-36-0799	7435836	1458744	7-69	2	282	22,035	3.67	809	30	15,540	3.60	560	10-72	40	1,078	.00	39	77
23-36-0799	7451429	1399824	10-69	1	305	22,870	3.76	861	38	14,610	3.73	545	4-72	36	951	.03	39	71
23-36-0799	7501709	1347940	9-69	2	303	19,865	3.81	757	44	14,350	3.66	525	9-72	40	1,022	.03	41	76
23-36-0799	7691069	1458744	9-70	1	305	18,430	4.37	805	41	12,790	3.73	477	1-73	36	818	.06	38	65
23-36-0802	5605917	1189870	12-60	8	292	18,479	4.03	744	12	15,214	3.77	573	7-72	44	592	.06	31	50
23-36-0809	7105834	1347940	4-68	3	296	15,990	4.60	735	28	14,096	3.80	535	9-72	42	658	.11	40	60
23-36-0809	7105835	1347940	5-68	3	305	17,973	3.57	641	21	14,936	3.79	566	12-72	42	809	-.02	26	55
23-36-0811	8118805	1512026	7-70	1	305	18,650	3.46	646	21	13,730	3.88	533	9-72	35	823	-.04	23	53
23-36-0812	6973483	1309574	3-67	4	305	19,735	3.84	757	16	16,565	3.72	616	9-72	44	636	.07	33	54
23-36-0812	7010832	1309574	10-66	4	301	20,185	3.69	744	7	16,820	3.72	625	7-72	44	666	.05	31	53
23-36-0814	6867480	1347940	9-67	4	303	16,017	3.98	637	23	12,715	3.76	478	11-72	44	802	.04	35	62
23-36-0814	7147676	1337741	9-68	3	305	18,843	3.58	675	15	13,393	3.64	488	3-73	42	765	.00	28	55
23-36-0817	6701307	1458744	11-66	3	305	18,453	3.80	702	14	15,153	3.70	560	11-72	42	778	.01	30	57
23-36-0817	7078504	1458744	9-67	3	305	18,950	3.25	616	23	14,693	3.67	539	1-73	42	878	-.06	22	54
23-36-0817	7716697	1406271	9-70	1	305	18,470	3.76	695	21	14,940	3.78	564	9-72	36	666	.04	30	52
23-36-0817	7716699	1458744	4-70	1	305	19,300	4.02	775	15	14,640	3.86	565	7-72	36	773	.01	30	57
23-36-0818	6356723	1347940	8-65	4	300	19,762	3.70	731	6	16,717	3.70	618	5-72	44	870	.01	33	63
23-36-0818	7408267	1443505	7-69	2	200	22,370	3.65	816	8	16,225	3.79	615	2-73 B	32	680	.06	33	55
23-36-0819	7485033	1320310	6-69	2	305	20,010	3.49	698	9	15,925	3.62	577	2-73	40	989	-.05	28	64
23-36-0824	7259666	1309574	9-68	2	305	18,970	3.76	713	13	14,885	3.64	542	2-72	40	628	.06	32	52
23-36-0825	6891176	1347940	6-67	1	288	18,480	3.04	561	8	13,270	3.59	476	5-72	36	866	-.05	24	55
23-36-0825	6997571	1399824	10-67	1	305	20,840	2.71	564	16	14,190	3.33	472	10-72	36	825	-.06	21	51
23-36-0825	6997573	1347940	10-67	1	305	20,540	3.19	656	11	13,560	3.17	430	8-72	36	1,002	-.01	34	69
23-36-0828	7525219	1399824	3-69	2	294	18,930	3.96	749	8	14,790	3.64	539	9-72	40	739	.06	36	60
23-36-0828	7715294	1508716	1-70	1	305	17,390	4.19	728	8	15,180	3.82	580	5-72	33	563	.08	32	50
23-36-0829	6077206	1189870	1-64	5	304	20,874	3.51	732	24	15,670	3.64	571	1-73	44	854	-.01	29	59
23-36-0829	6864891	1399824	8-67	4	302	21,180	3.33	705	27	14,913	3.55	530	9-72	44	1,079	-.02	35	73
23-36-0829	7097977	1399824	11-67	3	305	21,720	3.23	702	22	15,133	3.54	536	11-72	42	1,074	-.04	33	71
23-36-0829	7097980	1309574	2-68	3	304	22,267	3.55	791	26	15,223	3.50	533	11-72	42	1,025	.04	43	78
23-36-0829	7097981	1309574	2-68	3	305	17,957	3.79	680	26	14,473	3.51	508	8-72	42	598	.08	33	52
23-36-0829	7147314	1309574	5-68	3	293	19,107	3.20	612	22	14,737	3.48	513	5-72	42	706	.00	25	50
23-36-0831	7280085	1399824	4-67	4	292	18,815	3.97	747	7	14,713	3.89	572	3-73	44	807	.05	36	63
23-36-0833	7512016	1427615	8-69	2	305	20,385	2.95	601	11	14,550	3.64	530	10-72	40	1,030	-.17	10	50
23-36-0837	6741610	1347940	12-66	2	296	19,650	3.76	739	11	15,230	3.85	586	12-72	40	929	.00	34	66
23-36-0837	6741612	1347940	1-67	2	285	18,670	3.78	705	11	14,740	3.74	552	6-72	40	869	.01	33	63

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X.... FAT (%)	FAT (LB)	DOL-LARS
23-36-0837	7419256	1427381	8-69	1	305	17,780	3.99	709	17	14,640	3.73	546	7-72		36	944	.06	44	$ 75
23-36-0837	7619948	1427381	6-70	1	281	16,490	3.95	651	17	14,640	3.73	546	7-72		36	868	.06	40	68
23-36-0837	7735412	1458744	9-70	1	298	20,570	3.73	768	15	15,750	4.04	636	11-72		36	801	-.02	25	54
23-36-0839	7373461	1320310	1-69	2	305	17,590	3.60	633	14	15,145	3.62	549	11-72		40	807	-.04	23	52
23-36-0840	6796292	1261857	4-66	4	304	20,290	3.45	700	36	15,620	3.66	571	8-72		44	900	.02	35	66
23-36-0840	7288144	1427381	1-69	1	305	16,730	3.29	551	43	14,670	3.60	528	9-71		36	864	.02	34	64
23-36-0840	7664121	1427381	11-69	1	305	16,570	4.13	684	54	14,990	3.74	561	9-72		36	833	.08	42	69
23-36-0842	6763889	1347940	2-67	4	302	17,732	3.78	670	10	14,447	3.72	538	2-73		44	843	.02	33	62
23-36-0842	6843535	1399824	4-67	4	305	17,225	3.67	632	14	13,913	3.78	526	2-73		44	689	.01	26	50
23-36-0842	7604372	1347940	12-69	1	305	18,260	3.13	571	7	13,900	3.68	511	2-72		36	812	-.04	23	52
23-36-0842	7791100	1347940	7-70	1	305	18,200	3.71	675	17	13,770	3.93	541	10-72		36	815	.00	29	57
23-36-0843	7661298	1438535	7-69	1	305	19,980	3.81	762	29	14,140	3.44	487	8-71		35	761	.06	37	62
23-36-0844	6685966	1347940	11-66	3	305	22,866	3.45	788	26	16,546	3.74	619	12-71		42	1,223	-.04	38	82
23-36-0844	7476334	1399824	7-69	2	305	21,445	4.59	985	29	16,300	3.90	636	12-72		40	872	.13	52	79
23-36-0844	7713944	1458744	10-70	1	305	20,710	3.52	728	30	15,570	3.85	600	12-72		36	822	-.04	24	54
23-36-0848	6396196	1347940	9-65	2	300	19,210	3.72	714	46	15,260	3.69	563	10-72		40	882	.01	33	64
23-36-0848	7473954	1427381	10-69	1	182	16,950	4.09	693	29	13,580	3.64	494	11-72	B	36	946	.08	46	77
23-36-0850	6563500	1320310	4-66	4	300	18,720	3.84	718	11	15,915	3.74	596	9-72		44	896	-.01	30	62
23-36-0850	6969549	1347940	12-67	3	305	18,620	3.26	607	8	15,303	3.74	573	4-73		42	849	-.06	21	52
23-36-0850	7105259	1347940	7-68	2	305	21,995	3.48	766	7	15,540	3.65	567	12-72		40	1,142	-.02	38	78
23-36-0850	7195996	1347940	8-68	1	305	19,920	3.92	781	12	15,960	3.71	592	11-72		36	813	.02	33	61
23-36-0850	7195997	1347940	9-68	1	282	17,850	3.96	707	11	15,400	3.69	568	6-72		36	692	.03	29	52
23-36-0852	7673257	1458744	1-70	1	305	20,760	3.85	799	8	16,730	3.47	581	2-72		36	757	.02	31	57
23-36-0855	7541352	1427381	7-69	2	305	16,900	4.52	764	5	15,125	3.55	537	3-73		40	858	.14	53	79
23-36-0881	6587055	1347940	6-66	3	303	17,000	3.51	597	15	14,063	3.82	537	6-72		42	777	-.03	23	51
23-36-0881	6654445	1309574	10-66	2	305	19,620	4.19	823	6	16,715	3.74	625	3-72		40	545	.11	36	52
23-36-0881	6871713	1399824	3-67	4	305	21,428	3.42	732	29	16,353	3.97	649	11-72		44	967	-.05	27	62
23-36-0881	7123265	1347940	6-68	2	305	19,465	3.83	746	15	15,890	3.73	593	7-72		40	856	.02	34	63
23-36-0881	7287401	1320310	1-69	2	305	20,560	3.40	700	26	15,620	3.87	604	10-72		40	1,070	-.08	26	65
23-36-0886	6961089	1347940	8-67	4	293	18,787	3.45	649	14	13,702	3.85	527	11-72		44	1,047	-.04	31	69
23-36-0887	6716686	1399824	6-66	3	305	20,903	3.50	732	10	15,290	3.72	569	2-72		42	966	.00	34	68
23-36-0887	7314256	1347940	7-68	1	305	20,810	3.75	780	18	13,790	3.71	511	9-72		36	1,008	.01	38	73
23-36-0900	7099479	1347940	6-68	1	305	20,670	4.02	831	20	15,520	3.62	562	12-72		36	895	.04	39	69
23-36-0901	7574208	1347940	10-69	2	303	18,525	3.27	605	9	15,420	3.74	576	2-73		40	799	-.05	21	50
23-36-0901	7713542	1399824	9-70	1	305	22,630	3.32	751	15	15,220	3.71	565	9-72		36	897	-.01	30	62
23-36-0908	6155991	1320310	11-64	5	305	17,078	3.79	648	10	14,342	3.83	550	7-72		44	856	-.02	27	57
23-36-0908	6418622	1320310	11-65	5	297	16,856	3.69	622	17	14,908	3.80	567	1-73		44	770	-.04	22	50
23-36-0908	6654650	1399824	9-66	5	300	18,582	3.79	704	19	15,092	3.80	573	2-73		44	756	.03	32	58
23-36-0908	6705638	1320310	10-66	3	305	19,643	3.20	629	14	14,823	3.78	561	5-72		42	1,089	-.11	22	63
23-36-0914	7304015	1441440	11-68	1	302	21,130	3.59	758	19	16,810	3.77	634	11-72		36	681	.02	27	50
23-36-0930	6428325	1399824	1-65	2	305	17,140	4.60	788	15	14,480	3.83	554	9-72		40	582	.12	39	56
23-36-0930	7647817	1441440	6-70	1	305	19,790	3.72	736	18	14,710	3.78	556	6-72		36	706	.03	30	54
23-36-0930	7747592	1441440	1-71	1	305	22,670	3.26	739	20	16,230	3.78	614	1-73		36	830	-.02	26	56
23-36-0930	7943321	1526128	5-70	1	298	17,780	3.57	634	24	15,270	3.88	592	9-72		33	924	-.10	17	52
23-36-0957	7820752	010308691	8-70	1	305	16,550	3.67	608	15	13,510	3.69	498	6-72		28	955	.04	41	73
23-36-0971	7047470	1399824	11-66	5	299	18,962	3.69	699	12	15,900	3.73	593	2-73		44	722	.02	29	54
23-36-0971	7192253	1320310	11-68	2	305	21,085	3.37	710	7	15,795	3.68	581	3-73		40	1,109	-.07	29	69
23-36-0998	7119481	1399824	5-68	3	200	19,503	3.63	707	10	16,777	3.59	603	4-72		42	668	.03	28	51
23-36-1006	7046458	1320310	4-68	2	291	17,325	4.09	709	21	14,540	3.78	549	7-72		40	829	.01	31	60
23-36-1065	6928340	1473442	10-67	3	305	19,927	3.66	729	19	15,030	3.69	555	2-72		41	888	-.03	27	59
23-36-1065	7506022	1399283	4-69	2	305	22,045	3.28	722	14	15,510	3.80	589	6-72		40	918	-.09	19	53
23-36-1071	7206519	1419528	12-68	1	305	21,460	3.77	809	8	16,350	3.62	592	10-72		36	659	.04	30	52
23-36-1094	7517889	1530684	10-69	1	302	21,520	3.43	739	25	14,890	3.63	540	11-72		24	842	-.04	24	54
23-36-1099	6957065	1347940	1-68	2	304	17,290	3.55	613	25	14,560	3.89	567	1-73		40	744	-.02	23	50
23-36-1136	6866119	1399824	6-67	4	305	18,580	3.75	697	10	15,560	3.88	603	4-73		44	694	.01	27	51
23-36-7098	7193533	1320310	7-68	2	305	18,640	3.32	619	9	14,365	3.68	528	1-73		40	977	-.07	24	60
23-36-7158	6810710	1399824	9-66	2	305	19,440	4.20	816	8	16,875	3.83	646	6-72		40	621	.08	34	54
23-36-7158	7204717	1399824	9-68	2	305	17,810	4.68	833	11	16,190	3.72	602	8-72		40	512	.14	39	54
23-36-7188	6829577	1320310	6-67	2	305	17,125	4.05	693	17	15,085	3.79	571	8-72		40	765	.00	28	55
23-36-7188	7213215	1320310	1-69	2	305	19,095	3.85	736	18	15,615	3.82	596	6-72		40	922	-.02	30	63
23-36-7344	6964225	1458744	11-67	3	268	21,200	3.44	730	16	15,283	3.68	562	12-72		42	1,082	-.04	33	72
23-36-7348	6709291	1347940	9-66	5	249	19,066	3.70	705	16	15,376	3.74	575	2-73		44	931	.00	34	66
23-36-7348	6866752	1347940	4-67	2	305	18,235	4.01	732	13	15,850	3.68	583	9-72		40	735	.05	34	58
23-36-7402	7782458	1458744	3-71	1	305	23,370	3.35	782	6	16,950	3.66	620	3-73		36	938	-.04	27	61
23-36-7426	6733673	1347940	3-67	1	296	18,460	4.18	771	17	16,140	3.66	591	9-72		36	693	.05	33	56
23-36-7426	6781335	1347940	11-66	2	305	19,495	3.57	695	18	16,200	3.69	597	8-72		40	834	-.01	29	58
23-36-7426	7281743	1347940	6-68	1	305	23,240	3.50	813	11	16,270	3.74	608	1-73		36	1,042	-.02	35	72
23-36-7426	7378340	1347940	8-69	1	305	20,570	3.61	742	10	15,910	3.82	607	12-72		36	864	-.01	30	60
23-36-7426	7731655	1441440	12-69	2	301	20,840	3.69	770	10	15,985	3.73	597	3-73		40	827	.03	34	62
23-37-0012	6508677	1330987	3-66	5	304	17,736	3.59	637	8	14,386	3.67	528	2-73		44	668	.03	28	51
23-37-0012	7004726	1458744	11-67	3	305	17,016	3.82	650	7	14,463	3.57	516	4-72		42	676	.02	28	51
23-37-0012	7304507	1330987	5-69	2	305	18,250	4.10	748	7	14,635	3.79	554	7-72		40	626	.09	36	56
23-37-0074	6699516	1396768	12-66	4	305	20,653	3.89	804	11	15,718	3.54	557	5-72		43	782	.04	35	61
23-37-0074	7232725	1427615	12-68	2	305	19,555	3.71	726	16	15,335	3.61	554	1-72		40	882	-.08	20	53
23-37-0095	7027396	1441440	3-68	3	305	17,873	3.60	643	7	14,440	3.59	518	4-73		42	687	.03	29	52
23-37-0095	7238109	1441440	5-68	2	305	18,320	3.90	715	12	14,245	3.58	510	5-72		40	713	.06	35	58
23-37-0096	7325575	1399824	1-69	2	305	21,225	3.65	775	23	14,930	3.75	560	9-72		40	960	.02	37	70
23-37-0096	7356360	1320310	5-69	1	305	20,110	3.36	675	17	15,790	3.77	595	6-72		36	923	-.07	22	56
23-37-0097	7309085	1320310	12-68	1	305	18,930	4.29	812	7	15,550	3.31	514	11-72		36	849	.04	37	66
23-38-0014	7509703	1427615	8-69	1	305	20,400	3.74	763	20	14,670	3.97	582	5-72		36	895	-.10	17	51
23-38-0014	7611366	1427615	11-69	1	305	21,350	3.59	766	19	14,900	3.94	587	6-72		36	952	-.11	17	53
23-38-0014	7630379	1512026	1-70	1	305	19,820	3.62	717	27	15,440	3.94	609	7-72		35	807	-.04	23	52
23-38-0014	7630380	1512026	2-70	1	305	19,710	4.24	835	23	15,070	3.87	583	6-72		35	822	.03	34	62
23-38-0017	5815443	1378123	8-62	8	305	18,158	4.51	819	17	14,635	4.01	587	2-73		36	532	.12	37	53
23-38-0017	7176465	1427615	11-68	3	305	22,107	3.62	801	17	15,143	4.09	620	4-73		42	1,237	-.12	25	71

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL- LARS
23-38-0017	7378284	1489981	4-69	2	305	18,900	3.70	700	21	13,700	4.06	556	6-72		40	643	.06	33	$ 54
23-38-0017	7540087	1532160	9-69	2	305	22,425	3.12	699	21	14,670	4.00	587	2-73		25	983	-.12	16	53
23-38-0023	7391800	1526128	7-69	1	305	21,390	3.19	683	31	16,150	3.72	601	11-72		33	1,151	-.14	20	64
23-38-0023	7391801	1526128	8-69	1	305	24,090	3.38	814	29	16,060	3.70	595	10-72		33	1,367	-.11	31	82
23-38-0023	7496647	1512026	11-69	2	293	21,160	3.55	752	24	16,435	3.70	608	11-72		39	958	-.03	30	64
23-38-0023	7496648	1512026	12-69	2	296	19,485	4.37	852	22	16,325	3.68	601	2-73		39	794	.08	41	67
23-38-0023	7664983	1441440	6-70	1	301	20,930	4.26	891	28	16,120	3.60	581	9-72		36	707	.10	40	62
23-38-0030	6929554	1320310	2-67	5	299	17,818	3.57	636	22	15,710	3.67	577	2-73		44	811	-.05	22	51
23-38-0039	6834124	1459457	6-67	4	305	22,330	3.17	707	17	16,670	3.62	603	4-73		36	1,009	-.10	20	58
23-38-0039	7056130	1320310	11-67	3	263	19,190	3.61	692	35	16,567	3.57	592	10-72	B	42	876	-.03	27	58
23-38-0039	7056132	1459457	12-67	2	305	21,230	3.51	746	20	16,000	3.58	573	10-71		32	804	-.03	24	53
23-38-0039	7319357	1320310	12-68	2	305	20,100	3.14	631	31	17,170	3.46	594	3-72		40	897	-.08	20	53
23-38-0039	7963603	1447414	1-71	1	305	20,020	3.67	734	39	17,020	3.65	622	1-73		36	866	-.03	27	58
23-38-0045	6738002	1303198	2-66	2	305	19,300	4.43	855	13	15,315	3.66	561	2-72		40	571	.11	37	54
23-38-0045	7220949	1320310	11-68	2	305	18,660	3.77	703	23	14,900	3.71	553	12-72		40	936	-.02	30	63
23-38-0053	6675322	1441440	12-66	4	305	21,355	3.39	725	33	16,142	3.66	591	2-72		44	971	-.02	32	66
23-38-0053	7675171	1441440	8-70	1	305	19,970	3.51	701	38	14,960	3.60	539	9-72		36	705	.02	28	52
23-38-0053	7754176	1458744	12-70	1	305	22,220	3.11	690	30	16,440	3.61	593	12-72		36	883	-.06	22	54
23-38-0111	6583410	1441440	8-65	5	305	17,306	4.06	703	20	13,208	3.75	495	1-73		44	778	.08	40	65
23-38-0117	6258261	1340669	1-65	6	302	19,697	3.38	665	19	14,292	3.67	524	5-72		44	885	-.10	17	50
23-38-0117	6881375	1497666	8-67	3	302	19,770	3.60	711	40	13,493	3.61	487	9-72		29	863	.00	31	61
23-38-0117	6995226	1347940	12-67	2	305	21,225	3.47	736	28	13,470	3.59	484	12-71		40	1,232	-.01	42	85
23-38-0126	7039692	1261857	9-67	3	305	19,570	3.95	773	17	16,530	3.80	628	11-72		42	699	.08	38	60
23-38-0141	6566357	1347940	4-66	4	303	17,690	3.81	674	28	14,922	3.75	560	6-72		44	791	.02	31	58
23-38-0141	6834120	1459457	1-67	4	305	20,157	3.38	681	24	15,405	3.71	571	3-73		36	847	-.07	20	51
23-38-0141	7084753	1410984	7-67	4	305	24,522	3.43	842	30	15,060	3.67	553	11-72		44	1,041	-.01	36	73
23-38-0141	7387939	1320310	2-69	2	305	18,370	2.91	534	30	14,405	3.69	531	7-72		40	946	-.12	15	51
23-38-0141	7387940	1320310	2-69	2	305	17,575	3.44	604	29	14,520	3.67	533	6-72		40	856	-.06	22	53
23-38-0157	6630228	1347940	9-66	4	305	23,225	3.41	792	21	14,522	3.87	562	6-72		44	1,514	-.05	46	100
23-38-0157	7128809	1347940	12-67	3	302	20,476	3.87	793	21	15,673	3.82	599	1-73		42	1,029	.02	40	75
23-38-0157	7128811	1347940	8-68	3	296	18,843	3.70	698	25	15,406	3.84	592	11-72		42	866	-.01	30	60
23-38-0161	6503657	1441440	2-66	5	303	19,592	3.45	675	17	15,472	3.79	586	3-73		44	839	-.02	27	57
23-38-0161	7270929	1441440	10-68	2	305	19,770	3.51	694	9	15,720	3.75	589	5-72		40	740	.00	27	53
23-38-0161	7650106	1347940	2-70	1	305	18,910	3.58	677	18	14,600	3.66	534	8-72		36	819	.00	29	58
23-38-0165	5763794	1189870	3-63	5	300	18,896	3.84	725	9	14,886	3.66	545	5-72		44	679	.04	31	54
23-38-0165	7983454	1427381	3-70	1	305	18,870	3.50	660	14	14,520	3.57	518	3-72		36	1,033	.03	42	77
23-38-0166	6529102	1347940	2-66	4	305	18,020	3.50	630	42	14,217	3.73	531	9-72		44	901	-.02	29	61
23-38-0166	7110364	1320310	11-66	1	305	23,160	3.20	742	17	15,970	3.61	577	3-72		36	1,140	-.08	28	70
23-38-0173	5588979	1244845	12-61	7	305	18,059	3.94	712	20	14,190	3.65	518	6-72		44	675	.02	28	51
23-38-0173	6826610	1458744	1-67	4	305	19,295	3.37	651	28	14,897	3.57	532	6-72		44	927	-.04	27	60
23-38-0173	7015428	1458744	1-68	3	305	17,486	3.77	660	29	14,663	3.69	541	11-72		42	712	.01	27	52
23-38-0173	7360829	1427381	3-69	2	305	23,870	3.22	768	30	15,270	3.65	558	9-72		40	1,553	-.02	52	107
23-38-0173	7527714	1458744	3-70	1	305	18,160	3.74	679	32	14,350	3.60	517	6-72		36	705	.00	26	50
23-38-0173	7584964	1458744	4-70	1	305	20,310	3.64	740	28	14,500	3.71	538	9-72		36	856	-.01	29	59
23-38-0196	6842150	1399824	10-66	5	305	19,396	3.70	717	20	14,764	3.62	535	4-73		44	895	.03	37	67
23-38-0196	6842152	1309574	4-67	4	303	16,655	4.26	709	44	14,103	3.61	509	11-72		44	499	.13	38	52
23-38-0196	7839807	1427381	6-70	1	305	21,480	3.72	800	50	14,570	3.71	540	9-72		36	1,224	.04	51	93
23-38-0197	6258264	1283917	3-65	4	305	20,465	3.54	725	7	13,225	3.66	484	12-71		44	1,035	-.07	26	64
23-38-0197	7308983	1320310	12-68	2	305	17,425	3.47	605	10	13,235	3.67	486	6-72		40	945	-.05	26	60
23-38-0198	6714183	1320310	12-66	5	303	16,246	3.38	549	13	13,448	3.67	494	2-73		44	842	-.07	20	51
23-38-0198	7196804	1320310	10-68	2	305	15,405	4.09	630	11	12,715	3.92	499	6-72		40	783	-.01	27	54
23-38-0201	7329388	1427615	1-69	2	305	19,980	3.29	658	10	15,020	3.68	552	4-72		40	951	-.13	14	50
23-38-0201	7697401	1441440	8-70	1	305	22,140	4.10	908	14	16,470	3.52	579	11-72		36	776	.09	41	66
23-38-0208	6752578	1347940	3-67	4	305	22,052	3.18	701	18	15,985	3.62	579	1-73		44	1,225	-.07	33	77
23-38-0208	7468967	1399824	7-69	2	305	21,135	3.47	734	14	16,725	3.62	606	3-73		40	806	.00	29	57
23-38-0214	7192143	1347940	10-68	3	304	16,766	3.78	634	7	13,713	3.61	495	2-73		42	783	.02	32	59
23-38-0214	7465721	1347940	6-69	2	299	16,620	3.57	594	17	13,405	3.46	464	9-72		40	769	.01	29	56
23-38-0217	6658623	1309574	8-66	5	303	17,200	4.06	698	21	14,234	3.85	548	1-73		44	566	.08	33	51
23-38-0217	7001159	1309574	7-67	4	304	18,713	3.91	731	12	14,783	3.86	571	4-73		44	686	.06	34	56
23-38-0218	4985448	1350474	12-59	7	302	21,604	3.57	771	27	16,747	3.65	611	2-73		39	914	-.02	30	62
23-38-0218	7055371	1347940	3-68	3	305	20,346	4.03	820	33	17,233	3.74	644	11-72		42	870	.05	39	68
23-38-0218	7514237	1347940	12-69	1	305	20,200	4.19	847	41	16,870	3.75	633	8-72		36	779	.05	36	62
23-38-0224	6567594	1357743	7-65	6	304	21,308	3.44	734	26	15,843	3.65	578	12-72		44	829	-.05	22	52
23-38-0224	6684988	1330987	7-66	5	303	19,414	3.80	737	33	15,684	3.67	575	9-72		44	750	.06	36	61
23-38-0224	6916863	1330987	7-67	4	300	19,430	3.36	652	32	15,547	3.65	567	8-72		44	747	-.01	26	52
23-38-0229	6579049	1347940	4-66	5	305	19,468	3.36	654	9	15,034	3.87	582	12-72		44	1,018	-.06	27	64
23-38-0241	5722853	1181029	2-62	8	279	20,175	3.76	758	8	15,235	3.76	573	4-72		44	665	.03	28	51
23-38-0247	7094976	1309574	7-68	3	305	19,460	3.72	724	15	15,230	3.63	553	12-72		42	701	.06	34	57
23-38-0247	7599321	1441440	5-70	1	305	19,520	3.63	709	19	15,110	3.65	551	10-72		36	662	.03	28	50
23-38-0250	7042394	1458744	12-67	4	301	20,252	3.70	749	5	17,695	3.91	692	2-73		44	769	-.03	23	51
23-38-0250	7449819	1427381	9-69	2	304	21,740	3.76	818	7	16,705	3.90	652	11-72		40	1,221	.03	49	91
23-38-0250	7905504	1427381	12-70	1	305	21,630	3.66	791	7	18,990	3.87	734	2-73		36	972	.03	39	72
23-38-0252	6589290	1453923	3-66	4	305	20,575	3.33	685	17	14,693	3.76	553	1-73		30	897	-.07	21	54
23-38-0252	7768234	1512026	10-70	1	305	22,580	3.08	695	30	15,850	3.69	585	11-72		35	993	-.08	23	60
23-38-0256	7497142	1521952	9-69	2	305	23,710	3.19	756	19	16,300	3.58	584	3-73		25	980	-.07	24	60
23-38-0262	6528406	1441440	8-65	2	305	19,125	3.79	725	5	14,805	3.76	556	1-72		40	749	.04	33	58
23-38-0262	7951470	1427381	3-70	1	305	17,580	3.23	567	5	14,590	3.35	489	1-73		36	933	.02	37	69
23-38-0280	7432280	1544841	7-69	2	305	22,290	4.08	910	30	15,720	3.59	565	3-73		29	794	.13	49	73
23-38-0280	7434122	1544841	7-69	1	305	21,990	4.00	880	35	15,860	3.61	572	3-72		23	547	.10	35	52
23-38-0308	6933689	1320310	9-67	4	304	18,305	3.96	725	7	15,673	4.12	646	1-73		44	869	-.03	26	57
23-38-7015	7214766	1458744	7-68	1	299	19,150	3.77	721	18	14,910	3.73	556	11-72		36	745	.00	27	53
23-38-7046	6678945	1347940	11-66	4	305	19,040	3.99	759	22	17,260	3.60	622	3-73		44	727	.06	36	60
23-39-0015	7301843	1512026	2-69	2	305	18,125	3.87	701	37	15,240	3.71	565	8-72		39	743	.01	28	54
23-39-0029	6930567	1347940	3-67	4	303	19,112	3.42	654	8	13,055	3.67	479	2-73		44	1,151	-.03	37	78
23-39-0029	6930568	1347940	3-67	4	305	16,110	3.40	548	10	12,852	3.75	482	12-72		44	800	-.04	23	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O W I N D E X REPT (%)	MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-39-0029	7215113	1347940	9-68	3	297	15,923	3.59	572	11	12,910	3.69	477	1-73	42	759	-.01	26	$ 53
23-39-0029	7291677	1347940	9-68	3	292	17,210	3.51	604	16	12,366	3.66	453	1-73	42	957	-.02	32	66
23-39-0029	7732538	1347940	12-69	1	305	16,260	3.38	550	9	12,230	3.84	470	3-72	36	762	-.03	23	50
23-39-0032	7720264	1427381	9-69	1	305	18,260	3.84	701	9	16,110	3.82	615	11-71	36	893	.05	40	70
23-39-0036	7136721	1347940	5-68	3	303	16,430	3.85	632	14	13,563	3.89	528	6-72	42	758	.00	28	54
23-39-0036	7490391	1347940	6-69	2	305	16,750	3.92	657	15	13,965	3.89	543	6-72	40	737	.02	29	54
23-39-0036	7582472	1347940	4-70	1	305	16,840	4.31	726	15	13,880	4.03	559	12-72	36	707	.04	31	55
23-39-0036	7657682	1508716	9-70	1	305	18,830	3.70	696	20	14,200	4.07	578	10-72	33	738	.02	30	55
23-39-0042	7612668	1320310	7-68	3	305	16,177	3.70	598	20	12,857	3.81	490	2-73	42	871	-.04	25	56
23-39-0065	6491882	1347940	2-66	3	303	21,363	3.57	762	14	16,220	3.61	586	9-71	42	1,080	-.01	38	76
23-39-0105	6448327	1347940	8-65	5	305	15,966	4.09	653	11	14,142	3.70	523	8-72	44	659	.06	33	54
23-39-0105	6509068	1347940	4-66	5	298	19,142	3.30	631	13	14,202	3.64	517	8-72	44	1,062	-.05	30	68
23-39-0105	6580666	1347940	2-66	3	301	17,170	3.26	560	13	14,266	3.54	505	5-72	42	778	-.04	22	50
23-39-0105	6685482	1347940	11-66	4	297	17,335	3.48	604	12	14,850	3.60	535	1-72	44	754	-.01	25	52
23-39-0105	7501520	1347940	8-69	2	305	19,690	3.23	636	18	14,910	3.57	532	12-72	40	959	-.04	28	62
23-39-0105	7501522	1347940	11-69	2	305	18,950	3.53	668	19	15,595	3.60	562	11-72	40	828	-.01	29	58
23-39-0106	6855242	1347940	6-66	4	299	17,552	4.12	723	7	14,512	3.98	577	11-71	44	814	.04	36	63
23-39-0106	6859041	1347940	2-67	3	305	18,263	3.89	711	8	15,133	3.95	597	3-72	42	824	.01	31	59
23-39-0106	7020214	1347940	10-67	3	295	19,416	3.64	706	9	15,240	3.91	596	10-71	42	947	-.02	31	64
23-39-0106	7176071	1347940	5-68	2	305	16,855	3.79	636	9	14,520	3.62	525	9-71	40	703	.02	29	53
23-39-0106	7348010	1347940	12-68	2	299	17,780	3.96	704	9	15,505	3.95	613	10-71	40	717	.01	28	53
23-39-0106	7560862	1347940	12-69	1	305	18,570	3.67	682	8	15,140	3.98	602	2-72	36	761	-.02	25	52
23-39-0107	6304145	1268294	12-64	6	301	21,131	3.43	724	50	14,598	3.77	551	12-72	44	999	-.08	24	61
23-39-0107	6855763	1436081	11-66	4	305	20,202	3.96	801	61	15,075	3.71	559	4-72	44	580	.09	34	52
23-39-0107	7537810	1499707	7-69	2	295	21,515	2.90	623	66	14,300	3.90	558	12-72	28	1,137	-.16	15	59
23-39-0113	7208108	1347940	7-67	4	305	19,962	3.37	673	6	13,882	3.77	524	3-73	44	1,174	-.05	35	77
23-39-0116	7258255	1347940	6-68	3	305	16,270	3.53	575	10	13,933	3.51	489	12-72	42	705	.00	25	50
23-39-0120	7189038	1320310	7-68	2	305	18,710	3.46	647	9	15,420	3.72	574	5-72	40	898	-.06	23	56
23-39-0124	6715004	1434767	11-66	3	305	23,083	3.60	831	24	16,503	3.67	605	1-72	33	1,093	.00	39	77
23-39-0124	7046145	1320310	3-68	2	296	22,310	3.33	743	17	16,020	3.50	561	7-72	40	1,215	-.06	34	78
23-39-0124	7616240	1427615	1-70	1	305	23,340	3.35	781	12	17,410	3.39	590	7-72	36	951	-.10	18	54
23-40-0054	7070011	1347940	7-66	4	299	17,065	4.10	699	23	14,365	3.96	569	10-72	44	769	.04	34	60
23-40-0054	7070012	1347940	8-66	4	302	17,772	4.10	728	19	14,397	3.99	574	7-72	44	853	.04	37	66
23-40-0054	7070017	1347940	12-66	4	290	16,692	4.04	675	18	14,425	3.97	572	8-72	44	717	.03	30	54
23-40-0126	7269984	1347940	11-68	2	305	20,445	4.56	932	15	18,940	3.83	726	7-72	40	708	.11	42	64
23-40-0126	7533850	1357797	2-69	2	305	21,805	3.53	770	17	18,785	3.83	719	4-72	40	601	.06	31	50
23-40-0126	7533855	1399824	12-68	2	305	24,030	3.25	780	18	18,915	3.88	734	1-72	40	922	-.07	23	57
23-40-0126	7533859	1427615	9-69	2	305	21,150	3.69	781	11	17,450	3.77	658	8-72	40	872	-.09	18	51
23-40-0135	6925601	1347940	5-67	4	304	17,475	4.04	706	16	14,995	4.01	602	8-72	44	757	.02	31	57
23-40-0144	5787864	1124780	3-63	5	305	20,540	4.14	851	12	15,894	3.67	584	3-72	44	673	.10	39	60
23-40-0144	7668387	1449955	11-68	2	295	21,020	4.68	984	11	12,740	3.86	492	3-72	34	707	.15	49	70
23-40-0147	7857324	1493686	11-69	2	305	17,505	3.85	674	36	14,955	3.46	517	2-73	40	640	.07	33	54
23-40-0155	7787128	010291281	2-69	1	288	24,130	3.38	816	17	16,460	3.71	610	9-72	30	1,096	-.03	34	73
23-41-0012	6980996	1377954	9-67	3	305	17,950	3.47	622	9	14,230	3.67	522	8-72	42	751	-.01	25	51
23-41-0021	5770029	1347940	8-62	7	305	19,365	3.54	685	20	16,162	3.57	577	3-72	44	889	-.01	31	62
23-41-0021	6426703	1347940	4-64	5	305	18,926	3.76	711	22	15,956	3.56	568	8-71	44	853	.03	35	64
23-41-0021	6622370	1347940	4-66	3	305	20,386	3.52	718	23	17,450	3.54	618	7-72	42	855	.00	30	60
23-41-0021	6840319	1347940	9-65	5	305	22,032	3.46	763	19	16,390	3.57	585	3-72	44	1,209	-.02	40	83
23-41-0021	7099311	1347940	8-67	3	305	20,090	3.39	682	21	16,933	3.52	596	2-72	42	869	-.02	28	59
23-41-0021	7108529	1347940	9-66	4	287	18,980	3.68	699	23	17,275	3.44	595	1-73	44	718	.03	31	55
23-41-0021	7154285	1347940	10-67	3	305	18,920	3.48	659	26	16,700	3.51	586	11-72	42	755	-.01	26	52
23-41-0021	7154288	1347940	4-68	3	305	19,986	3.23	646	25	17,336	3.40	590	12-72	42	819	-.04	24	53
23-41-0021	7384931	1347940	1-69	2	305	19,250	3.29	633	29	16,220	3.61	585	6-72	40	808	-.04	23	52
23-41-0021	7384934	1347940	5-69	2	305	20,540	3.17	652	29	16,735	3.46	579	11-72	40	897	-.04	26	58
23-41-0046	6242194	1347940	2-65	4	305	18,992	3.94	749	12	14,875	3.69	549	7-72	44	956	.05	42	74
23-41-0046	6807806	1347940	1-67	3	297	19,160	3.77	723	11	15,103	3.80	574	5-72	42	930	.01	35	67
23-41-0046	7042683	1347940	4-68	2	305	18,655	3.56	664	12	15,380	3.88	596	3-72	40	816	-.02	26	55
23-41-0050	6611074	1347940	4-66	4	293	17,807	3.92	698	12	15,042	3.95	594	3-72	44	794	.02	31	58
23-41-0050	7044377	1347940	1-68	3	305	18,250	3.98	727	8	14,723	4.01	590	4-72	42	860	.02	34	63
23-41-0070	7129691	1471956	6-68	3	305	19,603	4.12	807	12	16,256	3.75	610	12-72	41	749	.05	35	60
23-41-0072	6526107	1347940	5-65	6	296	21,195	3.88	823	14	16,471	3.68	606	1-73	44	1,093	.04	46	83
23-41-0072	6997659	1347940	11-67	3	304	22,953	4.11	943	10	16,003	3.83	613	9-72	42	1,283	.06	56	99
23-41-0072	6997660	1347940	11-67	3	305	18,796	3.69	693	10	15,653	3.73	584	6-72	42	838	.00	30	59
23-41-0072	7031175	1347940	12-67	1	305	20,150	3.48	702	10	15,680	3.70	580	6-72	36	847	-.02	28	58
23-41-0072	7042862	1347940	7-67	3	289	18,613	3.95	736	13	15,776	3.71	585	6-72	42	805	.04	35	62
23-41-0072	7213504	1347940	8-68	2	305	18,155	3.68	668	10	15,155	3.86	585	9-72	40	783	-.01	27	54
23-41-0072	7481176	1347940	7-69	2	305	19,395	3.25	631	13	15,720	3.61	568	6-72	40	863	-.04	25	56
23-41-0073	7080968	1330987	12-67	2	305	20,950	3.64	762	21	16,265	3.57	581	1-73	40	768	.05	35	61
23-41-0074	6438258	1347940	1-66	5	305	18,062	4.06	733	9	14,936	3.87	578	9-72	44	847	.04	37	65
23-41-0074	7441075	1347940	4-69	2	305	17,825	3.69	658	9	13,675	3.96	541	7-72	40	870	-.01	30	61
23-41-0074	7462833	1347940	11-69	1	305	18,580	3.62	673	10	13,930	4.09	570	4-72	36	834	-.02	27	57
23-41-0095	7306689	1347940	9-68	2	305	16,515	3.35	554	33	13,535	3.57	483	8-72	40	748	-.02	24	51
23-41-0095	7699482	1454720	10-70	1	305	21,270	3.71	790	21	15,330	3.52	539	1-73	35	772	.01	30	57
23-41-0120	7319235	1347940	11-68	1	305	16,240	4.00	650	28	13,270	3.65	485	8-72	36	699	.03	30	54
23-41-0136	6531976	1347940	4-66	2	305	15,850	3.93	623	13	13,350	3.91	522	1-73	40	696	.02	28	52
23-41-0178	7463111	1427381	1-70	1	305	20,260	3.70	750	20	16,640	3.80	632	8-72	36	1,010	.04	42	76
23-41-0182	7113523	1347940	9-66	4	305	18,180	3.93	715	13	14,552	3.97	577	1-73	44	888	.02	35	65
23-41-0193	6934377	1347940	1-67	4	304	17,352	4.23	734	29	14,642	3.79	555	3-73	44	777	.07	39	64
23-41-0193	7185032	1347940	4-68	3	294	17,280	3.90	674	31	14,940	3.82	571	10-72	42	729	.02	29	54
23-41-0199	6645865	1347940	6-66	4	303	17,660	3.91	690	18	14,027	3.79	532	1-73	44	876	.03	36	66
23-41-0199	6725722	1347940	12-66	4	305	20,152	3.22	649	15	14,875	3.74	556	3-73	44	1,100	-.07	29	69
23-41-0199	6864662	1481228	3-67	3	305	20,150	3.41	687	20	14,010	3.70	518	6-72	29	858	-.04	24	55
23-41-0199	6984961	1347940	12-67	3	305	18,476	3.65	675	24	14,126	3.74	529	6-72	42	941	-.01	33	66
23-41-0211	6592273	1347940	12-65	1	305	24,680	3.40	838	14	18,210	3.71	675	5-72	36	1,033	-.03	33	70
23-41-0211	6592274	1347940	9-65	1	280	20,730	3.48	722	25	17,920	3.81	682	10-72	36	756	-.02	24	51

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-41-0211	7345624	1347940	1-69	1	305	23,530	3.76	885	23	17,940	3.73	670	6-72		36	964	.01	37	$ 70
23-41-0216	6905017	1347940	1-66	1	305	23,090	3.98	920	7	15,960	3.67	586	9-72		36	1,049	.04	44	80
23-41-0225	6504652	1347940	5-65	4	305	19,012	4.08	776	15	16,380	3.77	617	11-72		44	810	.06	38	65
23-41-0225	6842715	1347940	4-67	1	305	24,690	3.44	849	19	16,610	3.68	612	11-72		36	1,129	-.02	37	77
23-41-0229	7803612	1427381	1-71	1	305	16,440	3.53	581	14	12,330	3.53	435	2-73		36	982	.04	41	74
23-42-0010	6583527	1347940	8-64	5	305	16,186	4.04	654	10	12,478	3.69	460	3-73		44	859	.05	39	68
23-42-0010	6583528	1347940	11-64	5	305	15,072	3.99	601	10	12,818	3.78	485	3-72		44	680	.04	30	53
23-42-0010	7527070	1347940	9-68	2	305	15,955	3.51	560	10	13,135	3.68	483	3-72		40	724	-.01	24	50
23-42-0014	6801014	1347940	10-65	2	305	17,170	3.75	644	22	14,265	3.91	558	1-72		40	755	.00	27	53
23-42-0014	6801015	1347940	10-65	3	288	18,290	3.84	703	12	14,200	3.70	525	7-72		42	913	.03	37	68
23-42-0014	7136423	1347940	9-67	3	288	18,010	3.54	638	19	13,466	3.87	521	11-72		42	948	-.03	30	64
23-42-0014	7498571	1347940	8-69	1	305	18,540	3.25	602	18	14,760	3.79	559	3-72		36	781	-.04	22	50
23-42-0014	7498572	1347940	8-69	1	305	17,110	3.53	604	19	13,360	3.74	499	10-72		36	758	-.01	26	53
23-42-0014	7516166	1521425	6-69	2	305	22,060	3.21	709	17	13,720	3.83	525	2-73		38	911	-.09	18	52
23-42-0026	6235286	1347940	8-64	6	302	15,848	3.62	574	20	12,731	3.68	468	3-73		44	789	.00	28	56
23-42-0042	6542554	1347940	1-66	2	288	17,815	3.59	639	6	14,755	3.75	554	10-72		40	781	-.01	27	54
23-42-0051	6445556	1347940	4-65	5	305	16,770	3.99	669	8	13,812	3.79	524	9-72		44	796	.04	35	62
23-42-0051	6499410	1347940	2-66	3	305	16,450	3.73	614	9	13,310	3.75	499	1-72		42	783	.01	29	56
23-42-0051	6698323	1347940	12-66	3	305	16,946	3.56	604	10	13,326	3.79	505	3-72		42	839	-.02	27	57
23-42-0051	7272278	1347940	11-67	1	305	15,150	4.27	647	7	10,930	3.87	423	5-72		36	757	.04	34	59
23-42-0051	7592920	1347940	12-69	1	305	16,690	3.53	589	5	12,520	3.82	478	12-72		36	777	-.01	26	53
23-42-0113	6346921	1347940	5-65	5	303	17,118	3.76	644	36	15,132	3.65	553	8-72		44	705	.02	28	52
23-42-0113	6705587	1347940	10-66	4	305	18,177	3.76	684	40	15,115	3.61	546	1-73		44	832	.03	34	62
23-42-0113	6818627	1347940	2-67	4	303	17,610	3.40	598	37	14,885	3.64	542	4-73		44	785	-.03	24	52
23-42-0113	7007421	1347940	11-67	2	305	17,695	3.57	632	32	14,210	3.62	515	8-72		40	813	.00	29	57
23-42-0113	7154029	1347940	8-68	2	305	17,865	3.76	672	41	15,000	3.71	556	3-72		40	766	.02	30	56
23-42-0113	7177088	1347940	6-68	3	297	18,956	3.60	683	47	15,423	3.66	565	1-73		42	877	.00	31	62
23-42-0113	7240659	1347940	11-68	2	303	16,890	4.01	677	21	14,820	3.74	554	4-73		40	682	.04	30	53
23-42-0116	7240661	1347940	11-68	1	305	16,030	3.63	582	13	12,600	3.88	489	8-72		36	723	-.01	25	50
23-42-0119	6625152	1347940	9-66	5	300	19,370	3.79	734	11	17,446	3.91	682	1-73		44	757	.00	27	53
23-42-0119	6791726	1347940	4-67	3	305	20,143	3.93	792	9	17,196	3.86	664	12-71		42	850	.02	34	63
23-42-0119	7221990	1347940	10-68	3	305	23,553	3.46	814	10	17,840	3.93	702	12-72		42	1,183	-.06	33	76
23-42-0122	6727301	1347940	8-66	4	305	17,240	3.74	645	8	14,960	3.72	557	2-73		44	732	.01	28	53
23-42-0122	7042516	1347940	7-67	3	305	18,793	3.59	674	9	15,250	3.67	560	6-72		42	874	-.01	30	61
23-42-0122	7042518	1347940	8-67	4	305	18,027	3.78	682	7	14,820	3.76	557	3-73		44	843	.02	33	62
23-42-0122	7042519	1347940	11-67	4	301	17,407	3.68	641	11	14,972	3.68	551	11-72		44	751	.01	28	54
23-42-0152	6767913	1347940	8-66	1	299	18,810	3.39	637	16	15,370	3.61	555	11-72		36	765	-.02	25	52
23-43-0032	6864810	1493686	8-67	3	294	20,063	3.57	717	18	16,993	3.64	618	3-72		42	770	.02	30	56
23-43-0032	7071393	1402118	4-68	3	304	22,320	3.32	741	11	16,583	3.80	630	8-72		42	865	-.08	18	50
23-43-0046	7074007	1458744	12-67	3	305	22,236	3.75	834	20	16,486	3.35	552	11-72		42	1,090	.04	46	83
23-43-0159	6073471	1355784	10-63	6	298	20,311	3.08	625	13	14,816	3.63	538	10-71		44	1,144	-.15	18	62
23-43-0172	7353063	1309574	1-68	4	286	19,130	3.73	714	5	15,818	3.31	524	3-73		44	635	.09	37	57
23-43-0175	6021698	1416190	10-63	6	305	20,855	3.65	761	13	16,910	3.63	613	2-73		32	698	.01	27	51
23-43-0177	6828503	1261857	1-67	3	305	20,520	3.87	794	12	16,773	3.93	659	11-72		42	786	.06	37	63
23-43-0177	7017350	1261857	3-68	3	300	19,443	3.86	751	8	15,247	3.87	590	8-72		42	803	.07	39	65
23-43-0196	7605535	1427381	8-68	3	303	16,646	3.95	657	15	14,323	3.62	519	8-72		42	905	.08	45	75
23-43-0201	7066044	1399824	11-67	4	290	18,223	3.70	674	5	14,533	3.74	543	12-72		44	751	.02	30	56
23-43-0217	7586424	1427381	2-70	2	305	18,960	4.11	780	17	17,075	3.78	646	2-73		40	908	.09	46	76
23-43-0217	7586425	1427381	3-70	2	298	20,875	3.77	787	19	17,620	3.62	638	11-72		40	1,059	.06	47	87
23-43-0217	7800957	1427381	9-70	1	305	19,650	3.54	695	19	17,950	3.58	643	12-72		36	887	.03	37	67
23-43-0236	6930443	1347940	11-67	3	302	16,736	3.74	626	9	14,273	3.70	528	10-72		42	728	.01	28	47
23-43-0238	7022728	1420249	4-66	3	305	18,307	3.68	674	14	12,880	3.63	467	12-72		29	724	.01	28	50
23-43-0244	6904311	1377954	9-67	1	305	17,760	3.72	660	5	13,920	3.49	486	9-72		36	641	.03	28	50
23-43-0252	7370098	1347940	7-69	2	305	15,945	3.62	577	15	12,855	3.68	473	12-72		40	746	.00	27	53
23-44-0003	7061549	1347940	1-68	3	305	19,793	3.82	756	26	16,030	3.67	588	5-72		42	917	.03	37	68
23-44-0003	7144205	1347940	4-68	3	305	18,973	3.67	697	29	15,173	3.69	560	8-72		42	902	.00	33	64
23-44-0004	6246290	1347940	7-64	5	295	19,220	3.35	644	16	15,524	3.67	570	1-72		44	936	-.04	27	61
23-44-0004	6597514	1347940	5-65	5	305	18,386	3.33	613	12	15,574	3.71	578	10-72		44	823	-.05	22	52
23-44-0004	6597523	1475342	3-66	5	303	21,818	2.96	645	26	15,410	3.63	559	11-72		32	1,041	-.14	15	55
23-44-0004	7551103	1347940	8-69	2	288	19,565	3.40	665	19	15,415	3.77	581	1-73		40	905	-.04	27	59
23-44-0012	7787463	1427381	5-70	1	305	17,430	4.08	711	13	13,440	3.91	525	9-72		36	990	.07	46	79
23-44-0025	6471203	1347940	8-65	5	305	18,872	3.12	589	25	15,768	3.71	585	4-72		44	866	-.08	18	50
23-44-0025	6769694	1239242	12-66	4	305	19,755	4.12	813	32	15,468	3.70	572	8-72		44	693	.07	35	58
23-44-0025	7155899	1347940	9-68	3	302	19,166	3.78	725	23	16,156	3.73	603	3-73		42	834	.01	32	61
23-44-0025	7313315	1505896	11-68	2	305	20,035	3.87	776	23	16,020	3.71	594	4-72		29	633	.05	30	51
23-44-0025	7487848	1347940	11-69	1	305	20,730	3.90	809	26	16,810	3.88	652	4-72		36	822	.02	32	60
23-44-0025	7487849	1347940	11-69	1	305	21,140	3.21	678	45	15,920	3.78	601	8-72		36	900	-.05	25	58
23-44-0025	7487856	1505896	11-69	1	305	20,900	4.41	922	22	16,500	3.77	622	4-72		13	555	.11	36	53
23-44-0025	7688451	1399824	10-70	1	305	21,030	4.43	932	35	15,770	3.60	568	2-73		36	745	.11	41	66
23-44-0025	7744169	1458744	8-70	1	305	21,130	4.14	875	47	15,600	3.65	569	11-72		36	852	.04	35	66
23-44-0025	7744179	1447414	8-70	1	305	18,150	4.49	815	51	15,920	3.67	584	9-72		36	792	.04	35	62
23-44-0025	7744182	1347940	6-70	1	305	18,500	3.55	656	45	15,680	3.74	586	9-72		36	724	-.01	24	50
23-44-0025	7744183	1347940	6-70	1	141	20,210	3.60	727	35	15,670	3.57	560	12-72	B	36	832	.00	31	61
23-44-0025	7884087	1347940	10-70	1	305	18,940	3.35	635	35	15,570	3.61	562	1-73		36	760	-.02	24	51
23-44-0026	6228051	1296729	11-64	6	305	22,632	3.38	765	25	15,945	3.79	604	12-72		44	1,061	-.12	20	60
23-44-0026	6768758	1474927	10-66	5	301	20,924	3.33	697	26	15,784	3.76	594	2-73		32	852	-.08	19	51
23-44-0026	6826222	1239242	5-67	3	305	21,070	3.82	804	20	16,267	3.71	603	7-72		42	736	.02	29	54
23-44-0026	7317168	1320310	1-69	2	305	20,110	3.30	663	21	16,410	3.79	622	5-72		40	980	-.09	20	56
23-44-0026	7862986	1427615	2-71	1	305	25,190	3.08	776	14	17,340	3.60	625	4-73		36	1,093	-.15	15	57
23-44-0034	6224121	1347940	12-64	4	296	19,337	3.63	702	20	14,527	3.70	538	8-71		44	1,033	.00	37	73
23-44-0040	6739286	1347940	1-67	2	292	16,470	3.58	590	9	13,195	3.83	505	11-72		40	771	-.01	26	53
23-44-0052	7116040	1347940	3-68	3	305	19,246	3.76	723	9	14,793	3.70	547	9-72		42	968	.01	37	70
23-44-0052	7353390	1347940	1-69	3	301	17,476	3.98	695	15	14,820	3.81	565	11-72		42	762	.03	32	58
23-44-0052	7615112	1347940	12-69	2	305	18,045	3.45	623	15	15,290	3.81	582	3-73		40	761	-.03	23	50
23-44-0059	5695206	1181029	1-62	6	305	19,872	4.01	796	21	14,638	3.53	516	8-72		44	687	.09	49	61

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
23-44-0061	6268545	1179372	2-65	5	305	20,424	3.22	657	11	15,542	3.67	571	6-72	44	834	-.06	21	$ 52
23-44-0061	7016175	1347940	12-67	3	293	18,746	3.55	665	9	15,973	3.56	569	12-72	42	802	-.01	28	56
23-44-0064	6990992	1347940	1-67	4	305	17,360	3.35	582	10	14,622	3.60	526	12-72	44	780	-.03	23	51
23-44-0073	6826120	1448051	4-67	4	305	18,348	3.56	654	13	14,465	3.86	558	7-72	37	919	-.05	26	59
23-44-0086	6933713	1239242	8-67	3	272	20,323	3.76	765	34	15,003	3.71	556	10-72	42	766	.01	29	55
23-44-0086	6946238	1347940	10-67	3	305	18,403	3.82	703	43	13,140	3.84	505	12-72	42	1,023	.01	39	74
23-44-0086	7328457	1524663	5-69	2	305	18,315	4.04	740	66	12,715	3.77	479	10-72	25	660	.05	32	54
23-44-0086	7742712	1454407	9-70	1	305	19,090	3.83	732	49	13,140	3.93	516	12-72	33	805	-.03	25	54
23-44-0086	6423977	1347940	8-65	4	305	15,997	4.08	653	7	14,050	3.77	529	2-72	44	668	.05	32	54
23-44-0086	7657779	1469311	4-70	1	305	20,120	4.09	823	13	13,730	3.86	530	9-72	35	575	.07	32	50
23-44-0099	6454493	1347940	10-65	5	300	18,792	3.91	734	15	16,138	3.78	610	2-73	44	817	.03	34	62
23-44-0099	6902775	1347940	4-67	4	304	20,057	3.62	726	16	15,710	3.69	580	7-72	44	1,006	.00	36	71
23-44-0099	7456650	1347940	8-69	2	305	22,270	3.85	858	20	16,390	3.78	619	9-72	40	1,101	.03	44	82
23-44-0103	6924632	1471956	11-67	3	305	23,768	3.66	870	10	18,713	3.61	675	3-72	41	1,005	.01	37	72
23-44-0103	7301032	1347940	2-69	3	304	20,710	3.40	704	9	17,500	3.70	647	3-73	42	888	-.04	26	58
23-44-0103	7480917	1347940	7-69	2	305	20,515	4.03	827	17	17,090	3.90	667	9-72	40	866	.03	36	65
23-44-0104	6622365	1347940	7-66	4	296	17,935	3.62	650	13	14,895	3.65	544	8-72	44	824	.00	30	59
23-44-0104	6924622	1347940	2-67	4	305	18,065	3.83	655	14	14,445	3.58	517	11-72	44	884	.01	33	64
23-44-0104	6963033	1347940	6-67	4	305	18,525	4.02	744	11	14,362	3.80	546	4-73	44	949	.04	41	73
23-44-0111	6747244	1425137	11-66	4	294	20,320	3.94	800	23	14,898	3.82	569	1-72	44	706	.03	30	54
23-44-0111	6978755	1347940	11-67	3	305	16,956	4.08	691	18	14,803	3.83	567	3-72	42	704	.04	32	55
23-44-0111	7180313	1347940	9-66	5	304	18,584	3.66	680	16	15,240	3.83	584	4-73	44	883	-.01	30	61
23-44-0111	7611595	1458744	5-70	1	305	22,130	3.97	878	21	15,660	3.94	617	9-72	36	923	.01	35	67
23-44-0112	6579021	1347940	7-66	2	290	16,445	3.65	600	11	12,655	3.76	476	1-73	40	813	.00	29	57
23-44-0112	7655329	1347940	10-68	2	290	18,390	3.47	639	9	13,085	3.77	493	2-73	40	975	-.02	32	66
23-44-0122	7334187	1489981	3-70	2	304	19,780	4.13	817	9	15,300	4.14	633	2-73	40	602	.11	39	57
23-44-0132	5406217	1347940	8-61	5	305	17,626	3.68	648	13	13,698	3.54	485	9-71	44	919	.02	36	68
23-44-0132	7344022	1347940	8-69	2	305	16,540	3.91	647	26	14,420	3.88	559	12-72	40	679	.02	27	50
23-44-0137	6622366	1347940	7-66	4	302	16,205	3.76	610	16	14,337	3.49	501	7-72	44	665	.03	29	51
23-44-0137	6980178	1347940	4-67	4	292	18,127	3.74	678	16	14,302	3.48	498	7-72	44	906	.03	38	69
23-44-0138	7526908	1347940	2-70	1	305	21,360	3.32	709	16	16,300	3.61	589	12-72	36	900	-.03	28	60
23-44-0161	6262080	1347940	11-64	4	299	22,322	3.52	785	5	18,640	3.65	681	1-73	44	996	-.02	33	68
23-44-0161	6316505	1296729	11-64	6	303	22,523	3.69	831	9	18,290	3.65	668	3-72	44	805	-.05	22	51
23-44-0161	6973704	1261857	9-67	4	258	18,945	3.81	722	14	16,240	3.81	618	11-72	44	672	.06	34	56
23-44-0161	7019663	1347940	3-67	4	296	20,645	3.59	742	7	17,620	3.67	647	12-72	44	889	-.01	31	62
23-44-0161	7031640	1347940	9-67	2	305	22,395	3.53	791	8	17,185	3.71	637	5-72	40	1,049	-.02	35	72
23-44-0161	7471173	1347940	12-68	1	305	20,240	3.64	736	11	17,520	3.86	676	4-72	36	744	-.01	25	51
23-44-0161	7603402	1347940	8-68	2	305	21,505	3.33	716	8	17,175	3.73	641	4-72	40	959	-.05	27	62
23-44-0161	7692535	1490212	9-70	1	305	21,850	3.21	702	12	17,420	3.86	672	9-72	24	858	-.08	19	51
23-44-0161	7692537	1347940	4-70	1	298	19,280	4.11	793	10	17,120	3.78	647	9-72	36	696	.04	31	54
23-44-0162	7163238	1427381	9-68	3	304	19,793	3.40	672	15	16,816	3.69	620	7-72	42	1,038	.00	37	73
23-44-0162	7175723	1458744	8-68	3	305	22,243	3.60	800	19	16,686	3.63	605	9-72	42	1,073	-.01	37	75
23-44-0168	6966628	1347940	9-67	3	294	15,236	4.21	642	13	12,700	3.69	469	3-73	42	700	.06	35	58
23-44-0168	7426872	1447414	9-69	1	305	19,340	3.61	698	19	13,110	3.81	499	2-72	36	1,048	-.04	32	69
23-44-0176	6766511	1329588	3-67	4	305	21,483	3.54	761	18	16,875	3.69	622	11-72	44	812	-.03	24	53
23-44-0176	7139120	1347940	8-68	2	299	20,140	3.31	667	8	15,780	3.48	549	2-72	40	934	-.02	30	63
23-44-0176	7695369	1347940	10-69	1	305	17,410	3.84	669	18	14,870	3.67	546	7-72	36	691	.02	28	52
23-44-0176	7695371	1347940	6-69	2	305	17,320	3.80	659	23	15,575	3.66	570	9-72	40	664	.02	27	50
23-44-0177	6715536	1347940	9-66	4	298	18,127	3.56	646	11	15,305	3.76	575	11-72	44	807	-.02	26	55
23-44-0177	6715537	1347940	9-66	5	305	18,586	3.37	627	10	15,548	3.83	596	11-72	44	852	-.06	22	53
23-44-0180	6710845	1347940	9-66	5	304	18,026	3.43	619	8	15,746	3.41	537	10-72	44	759	.00	27	53
23-44-0187	6784570	1309574	2-67	5	295	21,282	3.72	792	14	17,076	3.72	635	1-73	44	799	.05	36	63
23-44-0187	7041917	1526550	12-67	4	305	20,895	3.68	769	15	17,100	3.75	642	1-73	36	716	.01	27	52
23-44-0187	7458385	1427381	7-69	1	305	21,290	3.98	848	27	16,970	3.87	656	10-71	36	1,067	.06	48	84
23-44-0191	6974504	1347940	11-67	4	305	16,317	4.38	715	5	13,682	3.98	545	10-72	44	744	.07	38	62
23-44-0191	7535912	1347940	1-70	2	305	17,825	3.84	685	6	14,590	3.95	576	12-72	40	795	.00	29	57
23-44-0194	7745842	1347940	6-69	2	305	16,630	3.79	630	16	13,365	3.74	500	10-72	40	774	.01	30	57
23-44-0196	7706860	1447414	6-69	1	305	17,750	3.01	535	12	12,750	3.58	456	7-72	36	951	-.08	22	57
23-44-0203	7847906	1347940	11-70	1	305	16,170	3.95	639	27	13,080	3.69	482	12-72	36	705	-.02	29	53
23-44-0205	6462399	1347940	10-65	3	304	19,070	3.59	685	8	15,873	3.74	594	2-72	42	849	-.02	28	58
23-44-0205	7637407	1458744	7-70	1	305	21,940	3.57	784	17	16,100	3.70	595	10-72	36	882	-.02	29	60
23-44-0206	5723824	1396768	9-62	4	305	21,758	3.44	749	15	15,628	3.53	552	1-73	43	929	-.03	29	62
23-44-0206	6147718	1239242	11-64	3	305	21,267	3.63	771	14	16,590	3.62	601	8-72	42	729	.00	26	51
23-44-0206	6946240	1399824	9-67	4	300	18,660	3.95	738	11	15,355	3.55	545	1-73	44	724	.08	38	61
23-44-0206	7302003	1399824	8-68	3	301	22,303	3.60	802	14	15,780	3.66	577	9-72	42	1,082	.01	41	78
23-44-0206	7340649	1347940	11-68	2	305	20,560	3.45	710	12	17,280	3.72	642	8-72	40	855	-.02	27	57
23-44-0217	7084192	1347940	4-68	1	305	21,850	3.24	707	9	19,280	3.53	681	10-72	36	759	-.03	23	50
23-44-0217	7176632	[illegible]	8-68	2	253	21,370	4.22	902	20	17,675	3.71	655	2-72 B	25	545	.10	35	52
23-44-0226	6419338	[illegible]7940	1-65	1	305	19,830	4.23	838	5	18,080	3.93	710	3-73	36	680	.04	31	54
23-44-7004	6697032	[illegible]940	9-66	3	305	17,536	3.96	694	26	15,050	3.75	565	10-72	42	748	.03	32	57
23-44-7004	7236571	[illegible]940	7-68	3	305	18,686	3.71	693	15	16,456	3.78	622	3-73	42	751	.00	27	53
23-44-7004	7236572	[illegible]940	8-68	3	303	18,356	3.69	677	19	16,030	3.77	605	3-73	42	752	-.01	26	52
23-44-7004	7236575	1427381	9-68	3	305	21,256	3.84	816	14	16,833	3.77	635	3-73	42	1,204	.05	52	93
23-44-7037	7119085	1347940	10-66	3	300	19,063	3.46	661	17	16,796	3.45	579	10-72	42	765	.00	27	54
23-44-7037	7503869	1441440	7-69	2	305	20,750	3.48	723	9	16,965	3.55	603	3-73	40	739	.02	29	54
23-44-7040	6390269	1347940	7-65	3	305	17,673	4.32	764	10	14,843	3.76	558	7-72	42	783	.08	41	66
23-44-7040	7512525	1427381	12-69	1	305	18,200	4.03	733	17	14,160	3.74	529	7-72	36	1,004	.07	47	80
23-46-0102	5990876	1189870	10-63	7	291	19,746	3.64	719	21	15,494	3.77	584	8-72	44	726	.00	26	51
23-46-0102	6798240	1309574	2-67	3	305	17,923	4.10	734	36	14,343	3.81	547	10-72	42	606	.09	35	54
23-46-0102	7007548	1347940	1-68	3	296	18,576	3.46	642	30	15,333	3.69	566	5-72	42	842	-.03	26	56
23-46-0102	7012223	1320310	11-67	3	296	17,843	3.82	681	34	15,927	3.68	586	12-72	42	780	-.01	26	54
23-46-0102	7483168	1383004	9-69	2	305	22,460	3.58	803	55	16,295	3.71	604	10-72	40	611	.09	35	54
23-46-0102	7573530	1320310	4-69	2	303	17,290	3.79	656	53	14,875	3.70	550	10-72	40	799	-.02	26	54
23-46-0102	7795772	1450228	4-70	1	305	21,160	3.37	713	63	14,700	3.82	562	8-72	36	987	-.05	27	63
23-46-011[illegible]	6571441	1347940	11-65	4	305	19,050	3.39	645	15	14,785	3.62	535	1-72	44	973	-.03	30	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S RECS	AVERAGE DAYS	PRODUCTION. MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-46-0119	7300862	1320310	12-68	1	305	19,770	3.60	711	13	13,730	3.89	534	2-72		36	1,020	-.05	29	$ 66
23-46-0207	7871863	1526128	7-70	1	305	17,290	3.52	608	11	13,110	3.86	506	9-72		33	1,021	-.11	20	58
23-46-0216	6353918	1441440	3-65	5	293	18,228	4.73	862	33	16,512	3.77	623	11-71		44	556	.18	47	62
23-46-0216	6843576	1347940	11-66	2	294	18,490	3.58	662	17	16,415	3.70	607	8-71		40	715	.00	25	50
23-46-0216	6843578	1347940	3-67	4	305	21,302	3.50	746	23	17,230	3.78	651	10-72		44	1,009	-.03	31	67
23-46-0216	6905664	1309574	9-67	4	304	19,948	3.84	766	33	16,918	3.75	635	9-72		44	627	.06	32	52
23-46-0216	6954919	1441440	10-67	3	305	20,066	3.81	795	25	18,430	3.66	675	4-72		42	664	.05	32	54
23-46-0216	7073018	1402118	7-67	3	305	22,300	3.64	812	25	17,680	3.74	661	5-72		42	760	-.03	23	50
23-46-0216	7858123	010288790	3-67	1	305	23,980	3.35	803	30	18,110	3.84	695	4-72		34	816	.02	32	60
23-46-0220	6618540	1347940	7-65	5	302	18,992	3.79	720	18	15,094	3.92	591	5-72		44	951	.00	34	67
23-46-0220	6762334	1347940	10-66	4	305	18,347	4.11	754	16	16,150	3.89	628	3-72		44	751	.05	35	60
23-46-0220	7184182	1347940	12-66	3	305	18,893	3.97	750	28	15,370	3.91	601	11-71		42	875	.02	35	65
23-46-0220	7698536	1320310	1-69	1	305	20,420	3.62	739	35	15,700	3.89	614	12-72		36	947	-.05	26	60
23-46-0220	7698540	1347940	1-69	2	305	17,785	3.70	658	37	14,900	3.88	581	1-73		40	760	-.01	26	53
23-46-0222	6736124	1347940	9-66	4	305	18,512	4.06	752	40	16,300	3.64	594	11-72		44	756	.07	38	63
23-46-0222	7007549	1347940	11-67	3	305	17,506	4.02	704	40	15,743	3.68	580	7-72		42	681	.05	32	55
23-46-0222	7742185	1406271	7-70	1	305	18,380	3.60	662	30	15,270	3.69	558	12-72		36	640	.03	28	50
23-46-0224	7735619	1387978	5-70	1	305	20,170	3.94	794	40	15,330	3.86	592	9-72		36	791	.01	30	57
23-46-0232	7149829	1347940	11-66	4	304	17,422	3.82	666	14	13,937	3.92	547	8-72		44	855	.01	32	62
23-46-0233	6423759	010288790	12-65	5	305	21,790	3.96	862	41	15,270	3.77	576	9-72		43	1,144	.10	58	96
23-46-0233	6648429	1347940	10-66	3	271	17,780	3.92	697	40	16,073	3.71	597	10-72		42	682	.03	29	52
23-46-0233	7623611	1441440	9-69	1	305	20,940	4.05	849	40	16,790	3.70	621	11-71		36	668	.05	36	56
23-46-0238	6672719	1300014	1-66	5	305	21,210	3.76	797	11	16,828	3.79	638	2-73		44	854	-.04	31	55
23-46-0238	6826457	1320310	3-67	4	305	19,320	3.74	723	12	16,855	3.93	662	1-73		44	877	-.05	24	56
23-46-0238	7058848	1441440	5-68	2	305	24,805	3.52	873	10	16,320	3.88	633	5-72		40	1,202	-.01	41	83
23-46-0238	7279860	1383247	10-68	2	305	21,620	3.80	821	17	15,890	3.85	611	11-72		40	806	-.03	24	53
23-46-0238	7493298	1427615	7-69	2	305	20,675	3.69	762	12	16,800	3.74	629	3-73		40	877	-.09	18	51
23-46-0243	7596781	1383004	12-69	2	305	18,800	4.53	852	16	13,975	3.94	550	1-73		40	427	.19	19	54
23-46-0249	7616781	1427381	1-70	2	302	22,955	3.92	899	20	20,090	3.81	765	3-73		40	1,069	.06	48	84
23-46-0249	7703739	1458744	6-70	1	305	24,670	4.04	996	17	20,630	3.60	743	2-73		36	816	.04	36	63
23-46-0249	7862892	1454800	12-70	1	305	31,460	2.94	926	14	20,280	3.70	751	12-72		36	912	-.11	16	50
23-46-0303	6557956	1300014	12-65	5	303	20,050	3.35	672	72	15,104	3.66	553	11-72		44	882	.09	17	50
23-46-0303	6828370	1347940	1-67	3	305	18,946	3.34	632	70	15,856	3.62	574	1-72		42	836	-.04	24	54
23-46-0303	7293851	1320310	10-68	2	305	19,500	3.50	683	64	15,705	3.60	566	4-72		40	955	-.05	27	61
23-46-0303	7597402	1512026	11-69	1	305	18,720	3.37	631	66	13,740	3.64	500	9-72		35	827	-.04	23	53
23-46-0303	7740215	1508716	6-70	1	305	17,270	3.83	662	67	13,820	3.63	502	8-72		33	639	.06	32	53
23-46-0321	7561496	1320310	3-69	2	305	17,975	4.02	723	14	15,760	4.11	647	10-72		40	796	-.02	25	53
23-46-0324	7046920	1347940	12-66	4	296	18,165	3.42	621	10	14,557	3.74	544	2-72		44	886	-.04	26	58
23-46-0333	6922103	1261857	8-67	3	291	16,783	3.91	656	33	14,563	3.71	540	3-72		42	560	.08	33	50
23-46-0340	7216317	1512026	1-69	2	305	16,080	3.90	706	13	15,015	3.66	549	1-73		39	757	.02	30	56
23-46-0347	6597922	1347940	8-66	4	305	17,137	3.76	645	13	14,260	3.86	551	6-72		44	788	.00	29	56
23-46-0404	6911360	1347940	7-67	3	305	19,550	3.62	708	26	15,506	3.79	588	12-72		42	938	-.01	32	65
23-46-0404	7059046	1347940	12-67	3	305	18,460	3.93	726	17	15,720	3.84	603	11-72		42	793	.02	22	59
23-46-0404	7768617	1347940	7-70	1	305	21,270	3.64	775	29	15,400	3.82	589	3-73		36	947	-.01	33	66
23-46-0410	6804353	1347940	12-66	3	305	16,020	3.51	563	11	12,520	3.76	471	5-72		42	806	-.02	26	55
23-46-0438	6672735	1309574	11-66	5	303	17,776	3.92	697	9	14,956	3.62	541	3-73		44	566	.08	52	51
23-46-0440	7291678	1347940	11-68	2	301	18,080	3.67	664	11	14,135	3.81	538	3-72		40	858	-.01	30	60
23-46-0449	7029006	1347940	10-67	4	302	18,520	4.30	797	26	15,345	3.79	582	2-73		44	852	.09	44	72
23-46-0449	7029007	1469311	10-67	2	305	20,035	4.18	837	28	15,740	3.86	608	12-71		40	860	.09	34	61
23-46-0526	7143078	1347940	8-67	2	167	17,775	3.44	612	26	14,800	3.84	569	7-72		40	773	-.03	23	51
23-46-0526	7985326	1299222	3-71	1	305	19,620	3.68	722	29	15,080	3.91	589	2-73		35	839	-.04	24	54
23-46-0533	7412970	1347940	4-69	2	305	21,515	3.54	761	10	15,860	3.87	613	8-72		40	1,067	-.03	34	72
23-46-7035	6913269	1347940	11-67	2	305	15,385	4.37	672	10	12,485	3.92	489	4-72		40	719	.06	35	59
23-46-7035	7260007	1347940	2-68	2	305	15,880	4.07	647	11	12,780	3.99	510	3-72		40	745	.03	31	56
23-47-0025	6721960	1347940	8-66	4	249	17,067	3.94	673	7	14,122	3.00	536	12-71	B	44	793	.04	34	61
23-47-0025	7027803	1347940	3-68	2	305	18,170	3.70	673	5	14,815	3.79	561	8-71		40	812	.00	29	57
23-47-0072	7802463	1427381	12-69	1	305	24,950	3.39	845	16	18,600	3.59	667	12-71		36	1,243	.01	47	90
23-47-0072	7887992	1427381	9-70	1	305	21,970	4.01	880	17	17,730	3.72	660	9-72		36	1,072	.07	50	86
23-47-0072	8077715	1430145	11-70	1	305	24,070	3.46	832	25	17,730	3.68	652	11-72		35	760	-.02	25	52
23-47-0073	7561681	1347940	11-69	2	297	20,540	3.14	645	12	16,805	3.77	634	9-72		40	891	-.07	21	54
23-47-0073	7711519	1411026	1-69	3	305	27,633	3.02	835	7	18,110	3.80	689	3-73		42	1,068	-.11	21	61
23-47-0081	5654495	1189870	6-62	7	305	21,463	3.73	800	24	14,721	3.91	575	6-72		44	1,028	.01	38	74
23-47-0081	6546118	1347940	10-65	4	305	17,225	4.01	691	29	14,170	3.87	548	11-71		44	808	.01	35	62
23-47-0081	6546124	1347940	12-65	5	305	17,892	3.33	595	29	14,514	3.89	565	11-72		44	869	-.07	21	50
23-47-0081	7408284	1347940	9-69	2	305	20,290	3.85	781	35	14,705	4.03	593	2-73		40	1,036	.00	38	74
23-47-0081	7410526	1471956	11-67	3	305	18,446	3.92	724	35	15,313	4.01	614	5-72		41	702	.00	25	50
23-47-0081	7527155	1427381	12-69	1	305	16,490	3.89	641	29	14,880	4.22	628	1-72		36	834	.03	34	64
23-47-0081	7711549	1427381	5-70	1	305	16,000	4.04	646	52	13,580	4.16	565	8-72		36	875	.04	38	67
23-48-0004	6953576	1458744	11-67	3	305	18,400	3.80	699	20	15,033	3.87	582	2-72		42	783	.00	28	55
23-48-0004	7183599	1458744	9-68	2	299	19,010	3.79	720	16	15,405	3.86	595	2-72		40	782	-.01	27	54
23-48-0004	7689225	1427381	8-70	1	305	16,190	3.85	624	23	14,010	4.03	565	11-72		36	864	.04	37	66
23-48-0025	6721278	1347940	2-67	3	300	22,410	3.72	833	28	17,596	3.54	623	7-72		42	1,074	.03	53	90
23-48-0025	6721280	1347940	2-67	4	302	19,840	3.90	773	22	18,207	3.73	680	9-72		44	732	.04	32	57
23-48-0025	7137203	1436415	7-68	3	305	24,200	3.61	873	32	17,990	3.54	637	8-72		41	704	.00	5	70
23-48-0025	7441322	1427381	11-69	2	304	22,745	3.89	884	40	18,270	3.48	635	10-72		40	1,196	.09	7	96
23-48-0026	7379194	1347940	2-69	1	305	21,920	3.11	682	17	14,760	3.83	566	10-71		36	1,033	.06	28	65
23-48-0027	6871980	1347940	1-67	4	296	18,062	3.47	627	17	14,547	3.76	547	3-72		44	874	.03	27	58
23-48-0027	7060125	1347940	10-67	3	296	17,060	3.77	643	23	15,000	3.65	547	4-72		42	698	.02	28	52
23-48-0031	6427105	1343665	10-65	5	301	21,286	4.28	911	26	19,202	4.02	771	7-72		44	805	.07	33	52
23-48-0031	6612936	1315612	7-66	4	305	24,880	3.83	952	28	18,645	4.00	746	6-72		44	825	.01	31	60
23-48-0031	7715557	1458744	8-70	1	305	24,120	3.34	806	39	18,850	4.16	784	8-72		36	881	-.08	19	52
23-48-0037	7883950	1347940	5-70	1	305	17,320	4.16	720	23	14,600	3.72	543	10-72		36	700	.04	32	55
23-48-0038	7392740	1427381	2-69	3	297	17,103	3.93	673	58	13,130	3.66	480	3-73		42	1,067	.07	50	85
23-48-0038	7392741	1427381	4-69	2	305	15,725	3.87	609	47	12,960	3.70	480	3-73		40	914	.06	42	72
23-48-0038	7642763	1427381	4-70	1	305	15,510	3.51	544	46	13,530	3.71	502	1-73		36	842	.03	35	64

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COWS LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COWS AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-48-0041	7072087	1347940	2-68	2	305	25,350	3.30	837	25	15,485	3.69	579	8-72		40	1,470	-.05	45	$ 97
23-48-0041	7594980	1427381	8-69	1	305	21,320	4.02	856	35	17,140	3.80	652	3-72		36	1,059	.07	49	84
23-48-0044	6761061	1347940	8-66	4	275	17,032	3.66	623	15	14,517	3.71	538	6-72		44	750	.00	27	53
23-48-0044	6761062	1347940	9-66	4	305	18,947	3.74	708	21	14,352	3.73	535	9-72		44	1,003	.01	38	73
23-48-0044	7128505	1458744	5-67	3	305	20,513	3.52	722	34	14,923	3.69	551	3-73		42	1,036	-.03	33	70
23-48-0044	7277472	1493686	10-68	2	305	19,425	3.27	636	26	14,840	3.68	546	11-72		40	845	-.02	27	57
23-48-0044	7376933	1347940	9-69	1	305	17,980	3.94	709	17	15,140	3.63	549	4-72		36	717	.03	31	55
23-48-0044	7567152	1347940	10-69	1	305	20,250	3.41	691	26	12,270	3.91	480	7-72		36	1,057	-.03	33	71
23-48-0048	5858693	1189870	1-63	7	305	24,543	3.50	860	16	17,903	3.78	677	10-72		44	1,097	-.03	35	74
23-48-0048	6368963	1330987	2-65	5	305	20,230	4.02	813	19	18,450	3.80	702	3-72		44	570	.08	33	51
23-48-0048	6701421	1330987	4-66	5	305	20,680	4.70	972	20	18,588	3.77	701	7-72		44	614	.20	53	69
23-48-0048	6870296	1458744	3-67	3	305	22,793	3.59	818	20	19,773	3.84	759	7-72		42	852	-.04	25	56
23-48-0048	6979939	1347940	5-67	3	305	22,976	3.90	896	18	19,133	3.85	736	1-72		42	998	.03	40	74
23-48-0048	6979942	1530744	5-67	4	304	21,655	3.59	778	19	18,922	3.83	724	6-72		44	821	-.04	24	53
23-48-0048	7483099	1466747	6-69	2	305	26,795	3.12	836	18	20,140	3.71	748	11-72		40	928	-.10	18	53
23-48-0048	7771126	1458744	9-70	1	305	26,700	3.27	872	13	20,820	3.77	785	10-72		36	956	-.07	24	59
23-48-0067	7639425	1427381	1-70	1	305	20,150	4.11	829	25	17,820	3.69	658	2-72		36	932	.09	47	77
23-48-0067	8010660	1458744	10-70	1	305	22,320	3.08	687	28	16,720	3.65	610	2-73		36	874	-.07	21	53
23-48-0070	6810268	1347940	4-67	4	303	18,312	3.43	628	10	14,837	3.60	534	7-72		44	876	-.02	28	59
23-48-0070	7016296	1458744	3-68	2	305	20,325	3.70	753	12	15,925	3.57	568	9-71		40	873	.01	33	63
23-48-0074	6181597	1347940	8-64	7	305	20,537	3.77	775	16	15,324	3.88	595	10-72		44	1,126	.00	41	80
23-48-0079	7090331	1458744	1-68	3	305	18,983	3.84	728	27	14,863	3.86	573	1-73		42	866	.01	32	62
23-48-0079	7292680	1458744	12-68	3	304	18,733	4.16	780	20	15,746	3.92	617	2-73		42	756	.04	34	59
23-48-0079	7292689	1347940	12-68	3	305	20,913	4.05	848	24	15,543	3.90	606	12-72		42	1,091	.04	46	83
23-48-0079	7377518	1347940	1-69	2	299	19,185	4.00	768	28	14,895	3.84	572	10-72		40	909	.03	38	69
23-48-0079	7462620	1458744	10-69	2	305	20,395	3.40	694	12	15,270	3.86	590	4-73		40	933	-.05	25	59
23-48-0104	7253121	1347940	7-67	3	305	18,260	4.31	787	10	14,353	3.94	565	3-72		42	895	.07	43	72
23-48-0107	7925073	1427381	10-69	2	305	21,990	3.40	748	15	17,410	3.66	638	2-73		40	1,189	.00	43	84
23-48-0107	7925074	1458744	6-70	1	305	21,750	3.59	781	9	17,130	3.49	597	4-73		36	807	.00	29	57
23-48-0107	7928350	1458744	5-70	1	305	22,760	3.41	776	19	17,590	3.53	621	11-72		36	855	-.02	27	57
23-48-0107	7934250	1427381	10-70	1	305	20,030	3.75	752	18	17,260	3.49	603	2-73		36	956	.06	44	76
23-48-0107	7992718	1427381	2-71	1	305	20,740	3.95	819	7	16,390	3.42	560	4-73		36	1,061	.09	52	87
23-48-0120	6672337	1347940	10-66	5	299	20,072	3.60	723	13	15,264	3.64	556	2-73		44	1,073	.00	38	75
23-48-0120	6917553	1347940	12-69	1	300	18,280	3.37	616	13	14,980	3.66	548	10-72		36	749	-.02	24	51
23-48-0120	7537517	1427381	12-69	2	285	20,090	3.31	664	17	16,540	3.57	591	12-72		40	1,067	.00	39	76
23-48-0124	71990.	1347940	4-68	2	305	18,800	3.57	672	14	15,415	3.70	571	2-72		40	827	.00	29	58
23-48-0124	7225473	1347940	10-68	2	305	17,670	3.55	628	15	15,160	3.67	556	5-72		40	733	-.01	25	51
23-48-0124	7658468	1347940	9-70	1	305	21,090	3.87	817	21	13,430	4.10	551	9-72		36	1,051	.01	39	75
23-48-0131	6721709	1390131	8-66	5	305	19,500	4.17	813	18	16,828	3.87	652	12-72		42	611	.11	38	57
23-48-0131	7313836	1471956	10-68	2	305	20,040	4.09	820	11	16,955	3.80	644	4-72		39	699	.04	32	55
23-48-0134	7028176	1347940	5-66	4	305	18,640	3.44	642	6	13,960	3.83	534	6-72		44	1,003	-.04	30	66
23-48-0139	6793608	1347940	10-66	2	305	20,820	3.54	737	21	16,630	3.70	616	1-73		40	934	-.02	31	64
23-48-0139	6806476	1347940	12-66	3	298	17,640	3.46	610	10	15,046	3.68	553	5-72		42	760	-.02	24	51
23-48-0139	6806477	1347940	12-66	2	305	20,725	3.39	703	25	16,065	3.63	583	11-71		40	970	-.02	31	65
23-48-0139	7245262	1504414	10-68	1	305	20,150	4.24	854	28	16,900	3.75	634	10-72		34	516	.11	35	50
23-48-0139	7370641	1320310	1-69	2	305	21,010	3.45	724	27	16,175	3.75	606	11-72		40	1,071	-.07	28	67
23-48-0139	7418268	1526128	2-69	2	305	20,965	3.87	812	22	15,840	3.78	598	3-73		38	1,239	-.05	36	81
23-48-0144	5830346	1189870	12-62	5	300	18,696	3.72	696	5	14,320	3.81	546	2-72		44	712	.01	27	52
23-48-6001	6363230	1189870	11-61	7	304	19,469	3.65	710	17	14,331	3.84	551	5-72		44	811	.00	29	57
23-48-6001	6308496	1435014	8-64	6	305	22,423	3.13	702	25	13,893	3.83	532	10-72		35	1,410	-.13	30	82
23-48-6001	7310463	1435014	8-67	2	305	20,175	3.64	735	23	14,810	3.76	557	10-72		29	802	-.01	27	55
23-48-6001	7310465	1347940	8-67	2	305	17,895	3.59	643	24	15,185	3.75	570	1-72		40	754	-.01	26	52
23-48-6001	7453262	1347940	4-68	2	305	18,370	3.47	637	25	15,295	3.76	575	4-72		40	794	-.02	25	53
23-48-6001	7453263	1347940	7-68	1	305	18,360	3.72	683	23	14,040	3.75	527	9-71		36	811	.01	30	58
23-48-6001	7694334	1441440	10-70	1	305	24,580	2.59	636	27	14,380	3.71	533	11-72		36	1,083	-.10	24	64
23-48-7044	6869746	1347940	5-67	3	305	19,643	3.33	655	5	16,586	3.68	611	8-72		42	849	-.05	23	54
23-49-0011	6223634	1347940	12-64	5	302	17,736	4.09	726	15	14,578	3.90	569	9-71		44	842	.04	37	65
23-49-0011	6727520	1347940	10-66	4	305	21,447	4.03	865	17	15,192	3.86	586	1-72		44	1,228	.05	52	94
23-49-0011	6967665	1347940	9-67	4	295	18,550	3.58	665	14	15,657	3.95	619	2-73		44	825	-.04	24	54
23-49-0011	7126664	1347940	3-68	3	305	18,770	4.08	766	17	14,963	3.82	572	9-72		42	898	.05	40	70
23-49-0026	7570208	1526128	1-70	1	302	17,900	3.96	709	16	15,380	3.99	613	5-72		33	927	-.07	22	56
23-49-0026	7570289	1526128	4-70	1	305	18,210	3.43	625	15	15,240	3.93	599	4-72		33	960	-.12	16	52
23-49-0029	6715010	1475380	10-66	3	305	22,076	3.40	751	45	16,306	3.61	588	1-73		33	1,034	-.06	28	66
23-49-0114	7415162	1427381	10-69	1	305	19,910	4.45	886	11	16,760	3.74	627	12-71		36	977	.11	53	84
23-49-0114	7415163	1427381	10-69	2	305	16,925	3.80	643	6	14,415	3.66	528	10-72		40	918	.06	42	73
23-49-0114	7512182	1458744	1-70	1	305	20,400	3.63	740	13	16,280	3.86	629	11-71		36	757	-.02	24	51
23-49-0082	5378867	1347940	9-65	3	301	19,460	3.63	707	22	17,503	3.65	639	12-72		42	744	.00	27	53
23-49-0015	7180656	1347940	9-66	2	294	19,165	3.76	721	18	17,445	3.64	635	10-72		40	700	.02	28	52
23-49-0111	6961023	1471956	11-67	3	305	21,220	3.41	724	18	17,403	3.73	649	1-73		41	831	-.05	22	52
23-49-0082	7115030	1347940	8-68	2	259	21,545	3.12	673	14	17,910	3.61	646	7-72	B	40	903	-.06	23	56
23-50-0001	7214360	1387978	12-68	3	305	22,037	3.41	752	32	14,467	3.65	528	10-72		42	1,248	-.04	39	83
23-50-0004	5913189	1347940	10-62	7	305	18,151	3.69	669	18	16,640	3.56	593	9-72		44	683	.02	27	50
23-50-0004	6562565	1347940	1-66	5	305	20,932	3.39	710	16	16,070	3.73	599	10-72		44	1,100	-.05	32	72
23-50-0004	6562566	1347940	3-66	3	305	18,703	3.67	686	22	17,010	3.53	601	2-72		42	702	.02	28	52
23-50-0004	6367	1347940	4-66	5	303	21,534	3.68	792	18	16,282	3.70	603	9-72		44	1,156	.00	42	82
23-50-0004	6918[illegible]	1347940	6-66	5	303	19,486	3.43	668	18	16,402	3.69	605	2-73		44	880	-.04	26	58
23-50-0004	6933[illegible]	1347940	4-67	3	305	19,223	3.65	702	15	17,633	3.61	636	4-72		42	704	.00	26	50
23-50-0004	6920626	1347940	8-67	3	305	21,493	3.20	687	18	17,020	3.66	623	2-72		42	1,022	-.07	26	63
23-50-0004	7022882	1347940	3-68	2	305	21,390	3.82	818	20	17,215	3.68	634	1-72		40	944	.03	38	70
23-50-0004	7144123	1347940	5-68	3	290	19,656	3.61	709	20	16,653	3.75	624	9-72		42	844	-.02	28	58
23-50-0004	7144126	1347940	9-68	3	305	19,666	3.80	748	20	16,546	3.76	622	11-72		42	855	.01	33	62
23-50-0004	7144127	1504414	6-68	3	305	23,006	3.51	807	24	17,343	3.69	640	1-73		41	943	.03	38	70
23-50-0005	6191948	1347940	1-65	5	298	19,846	3.61	717	13	16,342	3.69	603	3-72		44	932	.00	33	66
23-50-0005	6512768	1347940	11-65	5	305	21,398	3.46	741	12	16,096	3.87	623	9-72		44	1,158	-.05	34	76
23-50-0005	6512770	1347940	3-66	5	302	18,068	4.04	730	16	16,432	3.72	611	9-72		44	693	.05	33	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD MO-YR	D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-50-0005	6959708	1379208	8-67	3	305	21,487	3.68	790	22	17,533	3.73	654	1-72		42	797	.01	30	$ 58
23-50-0005	7120156	1347940	11-67	3	300	19,316	3.85	744	12	17,180	3.71	637	3-72		42	757	.02	31	57
23-50-0005	7120158	1347940	3-68	3	305	19,076	4.14	790	17	17,000	3.72	632	3-73		42	746	.07	37	61
23-50-0005	7161227	1347940	1-68	4	302	19,527	3.46	675	11	17,495	3.65	638	4-73		44	764	-.02	24	51
23-50-0005	7161228	1347940	4-68	3	301	21,650	3.18	688	15	15,616	3.95	617	7-72		42	1,169	-.10	27	70
23-50-0005	7212213	1379208	7-68	2	305	21,860	3.73	815	22	16,200	3.87	627	7-72		40	887	.01	33	64
23-50-0005	7212217	1347940	8-68	2	295	19,130	3.60	688	12	16,715	3.76	629	3-72		40	755	-.01	25	52
23-50-0005	7220823	1347940	10-68	2	298	21,750	3.36	730	15	16,440	3.81	626	3-72		40	1,044	-.05	30	68
23-50-0005	7258621	1347940	11-68	3	303	20,790	3.80	791	18	16,156	3.84	621	10-72		42	1,020	.01	38	73
23-50-0005	7302261	1347940	4-69	2	301	19,065	3.40	648	17	15,880	3.87	614	5-72		40	817	-.04	23	52
23-50-0005	7505816	1347940	11-69	2	298	20,900	3.53	738	16	16,310	3.67	599	2-73		40	968	-.01	33	67
23-50-0006	6391489	1347940	8-65	5	305	20,512	3.46	710	21	16,192	3.75	608	8-72		44	1,034	-.04	31	68
23-50-0006	7058269	1347940	3-68	3	292	19,126	3.38	647	17	16,533	3.76	622	4-72		42	794	-.05	21	50
23-50-0006	7386957	1347940	11-67	1	305	21,180	3.83	811	26	17,110	3.78	646	4-72		36	838	.01	32	61
23-50-0008	6414946	1347940	11-65	5	305	20,432	3.86	788	23	17,140	3.91	670	3-72		44	925	.01	35	67
23-50-0008	6964722	1347940	8-67	3	305	24,273	3.30	801	24	16,666	3.93	655	12-71		42	1,374	-.08	36	86
23-50-0011	6253870	1199324	10-64	5	305	21,750	3.45	750	14	17,212	3.61	621	1-73		44	1,074	-.04	33	71
23-50-0011	7223148	1427381	10-68	3	304	19,876	3.38	671	17	17,933	3.51	630	1-73		42	944	.01	36	69
23-50-0014	6466013	1347940	10-65	5	304	22,418	3.80	852	19	16,998	3.66	622	7-72		44	1,196	.03	40	89
23-50-0014	6678727	1347940	9-66	5	305	23,246	3.35	778	20	17,700	3.61	639	2-73		44	1,231	-.05	37	81
23-50-0014	6702307	1347940	7-66	2	305	21,015	3.50	735	26	16,720	3.65	611	1-73		40	946	-.01	32	65
23-50-0014	7152098	1347940	9-68	3	305	17,710	3.96	701	27	15,683	3.77	591	9-72		42	710	.04	31	55
23-50-0014	7341683	1347940	2-69	2	305	21,205	3.99	847	16	17,300	3.71	641	4-72		40	919	.05	41	72
23-50-0016	6915653	1347940	6-66	4	305	22,247	3.25	723	7	16,015	3.55	568	1-73		44	1,246	-.05	37	82
23-50-0016	7005014	1347940	4-66	5	304	19,182	3.32	636	7	14,872	3.53	525	9-72		44	998	-.04	30	66
23-50-0016	7034794	1347940	11-66	4	305	22,915	2.95	675	8	15,632	3.56	556	4-73		44	1,366	-.11	32	82
23-50-0016	7034799	1347940	2-68	2	304	21,435	3.48	746	10	15,925	3.55	565	1-73		40	1,054	-.01	37	74
23-50-0022	7537173	1347940	11-69	1	305	20,250	3.61	732	31	13,760	3.63	499	1-72		36	968	.00	35	69
23-50-0027	6951027	1347940	8-67	4	303	16,762	3.73	625	25	14,402	3.69	532	10-72		44	728	.01	28	53
23-50-0034	6497178	1462564	1-66	4	305	20,793	3.46	720	25	15,898	3.67	583	9-72		33	822	-.04	24	54
23-50-0034	7248647	1519271	9-68	2	305	23,965	3.19	764	14	16,845	3.60	606	2-72		29	975	-.09	21	57
23-50-0043	6882472	1347940	9-67	2	305	19,265	3.65	704	10	16,510	3.61	596	6-72		40	786	.01	30	57
23-50-0043	6882473	1347940	9-67	3	305	20,176	3.41	689	21	16,203	3.60	584	1-73		42	946	-.03	30	64
23-50-0043	6955840	1347940	12-67	4	294	19,005	3.43	651	24	16,632	3.60	599	11-72		44	784	-.02	25	53
23-50-0043	6955842	1347940	1-68	4	289	20,112	3.34	672	24	16,632	3.60	599	11-72		44	921	-.04	27	60
23-50-0043	6955843	1347940	1-68	4	305	20,317	3.43	697	17	16,605	3.66	608	4-73		44	949	-.03	29	63
23-50-0043	7198064	1347940	12-68	3	305	20,313	3.48	707	19	16,643	3.60	599	1-73		42	921	-.01	31	63
23-50-0044	6804502	1347940	1-67	4	300	19,220	4.24	815	21	17,602	3.64	640	5-72		44	715	.10	41	63
23-50-0044	6859301	1347940	6-67	3	305	20,946	3.70	775	18	17,143	3.64	624	4-72		42	948	.01	36	69
23-50-0050	6643963	1347940	7-66	5	305	17,406	3.67	638	18	14,736	3.83	564	12-72		44	783	-.01	26	54
23-50-0053	6005666	1189870	12-63	5	305	20,622	3.48	717	10	15,948	3.74	596	9-72		44	793	-.02	25	53
23-50-0053	6521405	1347940	2-66	5	299	20,156	3.31	668	22	16,578	3.69	612	3-73		44	948	-.06	25	59
23-50-0053	6913735	1347940	6-67	3	305	25,880	3.27	847	22	17,446	3.66	638	1-72		42	1,487	-.07	43	96
23-50-0053	7667781	1347940	3-70	1	305	19,400	3.46	672	19	16,670	3.61	602	6-72		36	732	-.01	25	51
23-50-0074	6840740	1347940	7-67	4	299	16,207	3.91	634	13	13,990	3.67	513	10-72		44	700	.04	31	54
23-50-0074	7678635	1427615	10-70	1	305	21,730	3.29	716	11	15,020	3.76	565	12-72		36	973	-.13	14	51
23-50-0080	7979335	1427381	12-69	2	300	19,745	3.56	703	12	15,805	3.63	574	1-73		40	1,091	.03	44	81
23-50-0081	6579491	1347940	2-66	5	290	17,714	3.73	661	14	14,148	3.80	538	9-72		44	884	.00	32	63
23-50-0081	7057171	1347940	12-67	3	305	18,660	3.98	743	17	14,510	3.80	551	8-72		42	927	.04	39	70
23-50-0081	7309922	1347940	4-69	2	305	18,040	3.34	602	22	14,730	3.54	522	8-72		40	806	-.03	25	54
23-50-0081	7561941	1450228	2-70	2	305	23,800	3.17	754	19	14,985	3.66	548	3-73		40	1,377	-.09	35	85
23-50-0081	7764317	1450228	2-71	1	305	19,890	3.30	656	20	15,320	3.57	547	2-73		36	856	-.05	23	54
23-50-0082	6744168	1480745	11-66	5	305	20,422	3.87	790	15	17,938	3.57	640	3-73		36	633	.05	31	52
23-50-0082	7151059	1347940	8-68	3	305	19,326	3.35	647	13	15,863	3.75	595	3-73		42	879	-.05	24	56
23-50-0082	7271994	1527925	3-69	2	305	21,645	3.64	788	21	16,900	3.66	618	11-72		29	885	-.02	29	60
23-50-0082	7381865	1527925	1-69	2	302	21,820	3.62	789	20	17,175	3.70	635	5-72		29	879	-.02	28	59
23-50-0082	7468573	1527925	6-69	2	305	19,655	3.91	768	22	16,620	3.60	599	10-72		29	671	.03	29	52
23-50-0086	7105335	1347940	8-68	2	305	19,985	3.78	756	10	14,735	4.02	592	7-72		40	1,003	-.01	35	70
23-50-0093	6698258	1347940	11-66	4	302	17,997	3.22	579	9	14,307	3.70	529	5-72		44	890	-.06	23	55
23-50-0099	7336538	1427381	4-69	2	305	18,925	3.03	574	19	14,045	3.41	479	8-72		40	1,151	-.02	39	79
23-50-0099	7541602	1427381	1-69	2	305	19,490	3.75	731	15	15,970	3.52	562	4-72		40	1,052	.06	48	83
23-50-0099	7541603	1427381	2-69	2	305	21,085	2.94	619	21	14,470	3.37	488	9-72		40	1,336	-.04	42	90
23-50-0099	7622032	1427381	1-70	2	297	17,155	3.45	592	18	15,570	3.39	528	1-73		40	847	.04	36	65
23-50-0103	6953635	1309574	10-67	3	305	17,800	3.34	595	13	12,290	3.82	469	7-72		42	781	-.01	27	54
23-50-0311	7444377	1458744	2-69	2	305	18,105	3.72	673	8	14,785	3.71	549	5-72		40	740	.00	26	52
23-50-0311	7461851	1427381	8-69	2	305	15,940	4.39	699	9	12,685	3.85	489	7-72		40	958	.10	50	81
23-50-0311	7673250	1427381	5-70	1	305	15,400	3.89	599	9	13,470	3.84	517	6-72		36	837	.05	38	66
23-50-0322	7008751	1347940	2-68	4	292	18,357	3.59	659	10	15,507	3.65	566	3-73		44	816	.00	29	57
23-50-0322	7405765	1347940	5-69	2	305	18,610	3.52	655	16	15,440	3.65	564	11-72		40	806	-.01	27	55
23-50-0322	7437456	1347940	11-69	1	305	16,620	3.82	635	15	13,670	3.89	532	7-72		36	703	.00	26	50
23-50-0324	6216178	1347940	10-64	6	303	18,936	3.82	723	9	14,103	3.86	545	3-73		44	1,046	.01	39	75
23-50-0324	6216179	1347940	12-64	5	305	16,904	3.92	663	8	14,330	3.84	550	1-72		44	760	.02	31	57
23-50-0324	6836227	1347940	3-67	4	301	17,177	3.64	625	9	13,985	3.89	544	10-72		44	820	-.02	27	56
23-50-0324	7193974	1347940	3-68	3	302	17,256	3.81	658	11	14,206	3.83	544	9-72		42	793	.01	30	57
23-53-0004	6722959	1347940	10-66	5	298	18,332	3.78	693	17	15,868	3.88	615	11-72		44	786	.00	28	55
23-53-0004	6968121	1379208	9-67	4	300	19,635	3.83	753	22	16,538	3.82	631	12-72		43	696	.03	29	53
23-53-0005	6849589	1347940	5-67	3	305	17,640	4.12	727	18	15,033	3.71	558	7-72		42	762	.06	37	62
23-53-0005	7077912	1347940	4-68	2	304	21,335	4.19	895	25	15,170	3.78	573	5-72		40	1,105	.07	51	88
23-53-0005	7077913	1347940	6-68	3	304	20,000	3.79	757	23	15,460	3.74	578	11-72		42	994	.01	38	72
23-53-0006	7016179	1471956	11-67	2	305	19,900	3.54	705	14	14,905	3.70	551	8-71		39	855	-.02	27	57
23-53-0006	7501195	1427381	1-70	1	305	21,380	3.63	776	10	13,740	3.78	520	4-72		36	1,266	.03	51	94
23-53-0006	7501199	1427381	1-70	1	305	23,880	3.96	945	12	13,990	3.77	528	3-72		36	1,438	.07	63	111
23-53-0008	7164569	1347940	4-67	4	299	17,512	3.52	617	18	12,557	3.73	469	2-73		44	1,003	-.02	33	68
23-53-0013	6837743	1347940	1-67	3	305	21,660	3.76	815	16	15,403	3.76	579	11-72		42	1,190	.01	45	86
23-53-0013	7664945	1546626	8-70	1	305	21,590	4.11	887	11	15,690	3.51	550	1-73		19	581	.08	33	51

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HEROMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
23-53-0015	6564398	1347940	8-65	5	301	19,058	3.21	611	21	15,162	3.73	566	8-71		44	952	-.07	23	$ 58
23-53-0015	6701921	1470757	11-66	5	301	22,182	3.42	758	26	16,536	3.76	621	12-72		44	904	-.11	16	50
23-53-0021	7013003	1347940	9-67	3	305	17,806	3.60	641	13	14,410	3.73	538	6-72		42	838	-.01	29	58
23-53-0023	5369387	1158050	4-61	10	304	19,467	4.05	789	32	15,211	3.97	604	11-72		44	669	.02	27	50
23-53-0023	6668583	1347940	9-66	4	305	20,002	3.69	739	25	15,305	4.03	617	2-72		44	1,039	-.02	34	71
23-53-0024	6960674	1347940	9-67	3	305	17,836	3.86	689	17	14,986	3.82	573	2-72		42	788	.02	31	58
23-53-0029	7549493	1427381	12-69	1	305	25,060	3.40	851	31	16,500	3.72	614	9-72		36	1,376	.01	51	99
23-53-0048	6769846	1347940	3-67	3	305	20,046	3.33	668	9	15,676	3.66	573	5-72		42	979	-.05	28	63
23-53-0048	6798897	1347940	7-66	4	305	22,332	3.43	767	12	15,187	3.61	549	7-72		44	1,338	-.03	44	91
23-53-0057	7231395	1427381	1-69	2	305	19,535	3.36	657	24	14,985	3.69	553	3-73		40	1,136	.00	41	81
23-53-0057	7441989	1330987	7-69	2	299	20,140	3.44	692	35	15,525	3.64	565	12-72		40	746	.01	29	55
23-53-0057	7442002	1427381	11-69	1	305	22,500	2.78	626	29	15,960	3.58	571	12-71		36	1,217	-.04	37	80
23-53-0057	7717998	1427381	8-70	1	305	21,120	3.70	782	38	14,900	3.81	567	11-72		36	1,178	.04	48	88
23-53-0078	6370655	1347940	9-65	5	305	20,712	3.65	757	17	15,838	3.71	587	3-73		44	1,096	.00	39	77
23-53-0078	6397136	1347940	9-65	5	305	18,208	3.77	686	19	15,308	3.71	568	5-72		44	828	.01	32	60
23-53-0078	6424399	1347940	12-65	4	305	20,092	3.77	758	20	15,375	3.84	590	2-72		44	1,043	.01	39	75
23-53-0080	7035323	1347940	1-68	2	305	18,720	4.18	782	10	15,260	3.82	583	3-72		40	832	.06	39	67
23-53-0080	7035324	1347940	4-68	2	305	20,140	3.90	786	7	15,320	3.74	573	9-71		40	971	.03	40	73
23-53-0080	7237581	1347940	11-68	2	305	19,030	3.67	699	11	15,440	3.76	580	2-72		40	849	.00	31	61
23-53-0080	7468134	1347940	6-69	1	305	18,610	3.72	692	12	13,980	3.76	526	11-72		36	833	.01	31	60
23-53-0082	7129039	1458744	4-68	2	305	19,485	4.05	789	11	15,680	3.82	599	4-72		40	807	.03	34	61
23-53-0082	7501194	1427381	12-68	2	305	20,790	3.62	753	6	14,310	3.95	565	9-72		40	1,319	.02	50	96
23-53-0086	6329381	1347940	5-65	5	266	18,550	3.64	675	9	14,994	3.85	578	6-72		44	904	-.02	30	62
23-53-0086	6599587	1347940	6-66	3	302	18,206	3.88	706	8	15,240	3.94	601	2-72		42	808	.01	30	58
23-53-0086	6639742	1347940	8-66	5	303	18,420	4.27	787	15	13,992	3.97	556	9-72		44	991	.07	46	79
23-53-0110	6839568	1330987	4-67	3	302	18,183	3.40	618	17	13,473	3.89	524	9-72		42	766	-.01	26	53
23-53-0110	7838422	1428649	12-70	1	305	25,790	3.35	863	13	14,820	3.81	565	1-73		35	974	-.10	20	56
23-53-0121	7089461	1347940	1-68	3	293	15,133	3.83	579	20	12,070	3.79	458	8-72		42	746	.01	29	55
23-53-0122	6795962	1347940	1-67	4	302	19,135	3.07	587	19	14,642	3.63	532	1-73		44	997	-.08	23	60
23-53-0122	7237099	1347940	6-68	2	305	17,395	3.69	642	13	14,385	3.60	518	10-72		40	768	.02	30	56
23-53-0129	6477969	1347940	2-66	5	274	17,130	3.84	657	7	15,216	3.90	594	3-72		44	698	.01	26	50
23-53-0129	6814865	1347940	6-67	3	305	19,916	3.76	748	12	15,986	3.90	623	3-72		42	936	.00	33	66
23-53-0146	7116717	1347940	11-66	1	302	20,100	4.00	805	5	18,470	3.90	720	4-72		36	677	.02	28	51
23-53-0147	7371755	1347940	5-69	2	305	16,220	3.96	642	7	13,525	3.77	510	8-72		40	719	.03	30	54
23-53-0163	6753249	1347940	10-66	4	291	17,360	3.70	642	13	14,887	3.74	557	9-72		44	754	.01	28	54
23-53-0163	7016835	1347940	11-67	3	305	20,013	3.48	696	12	15,990	3.73	596	4-73		42	946	-.03	29	63
23-53-0163	7597551	1491594	8-68	3	305	26,193	2.98	781	20	16,503	3.38	557	4-73		32	1,460	-.12	33	87
23-53-7040	7180137	1347940	12-66	1	281	16,510	3.53	583	10	12,750	3.86	492	5-72		36	750	-.01	25	51
23-54-0016	5911858	1411224	10-63	5	305	21,584	3.24	700	23	14,236	3.89	554	2-72		42	995	-.11	19	56
23-54-0016	6312226	1347940	1-65	5	294	18,076	3.15	569	19	14,210	3.91	556	2-72		44	924	-.10	18	53
23-54-0016	7181749	1347940	6-68	2	305	15,975	4.23	676	21	13,990	3.82	534	7-72		40	656	.06	32	54
23-54-0016	7299692	1427381	12-68	1	305	18,290	3.65	667	32	13,610	4.04	550	8-71		36	1,044	.02	41	77
23-54-0018	6672613	1347940	9-66	4	305	17,720	3.78	669	13	15,100	3.77	570	1-72		44	777	.01	30	57
23-54-0019	6966143	1347940	9-67	2	305	17,220	4.01	691	14	14,165	3.78	536	9-71		40	769	.03	33	59
23-54-0019	7093993	1347940	5-68	3	305	16,393	4.54	744	16	13,920	3.80	529	12-72		42	721	.10	41	64
23-54-0019	7130473	1347940	6-68	3	289	16,623	3.77	627	16	13,503	3.75	507	6-72		42	785	.01	30	57
23-54-0019	7253996	1347940	11-68	3	286	16,600	3.75	623	18	13,983	3.85	539	3-73		42	739	.00	26	52
23-54-0021	5518703	1261857	12-61	9	305	18,288	3.52	643	15	15,016	3.80	571	4-73		44	727	.02	29	54
23-54-0021	6137538	1338671	7-63	6	305	18,713	4.10	767	19	15,017	3.83	575	7-72		39	624	.09	36	56
23-54-0021	6229579	1261857	9-64	5	302	17,178	4.01	689	19	14,564	3.83	558	5-72		44	630	.09	36	56
23-54-0021	6229582	1360676	11-64	5	305	17,898	4.05	725	26	14,506	3.85	558	6-72		43	756	.06	37	62
23-54-0021	7398836	1347940	4-69	2	305	18,570	3.48	647	23	14,080	3.72	524	11-72		40	913	-.02	30	62
23-54-0029	6462666	1347940	9-65	4	305	16,862	3.61	609	18	14,522	3.61	524	11-71		44	728	.01	27	52
23-54-0029	6528006	1347940	11-65	3	305	19,176	3.78	724	17	14,666	3.67	538	2-72		42	972	.02	38	71
23-54-0029	6636921	1347940	8-66	5	287	18,456	3.10	572	21	14,010	3.62	507	8-72		44	994	-.08	24	61
23-54-0029	6994619	1347940	1-68	2	305	19,030	3.36	639	19	13,980	3.73	521	8-72		40	967	-.04	29	64
23-54-0029	7172795	1347940	5-68	2	305	22,255	3.17	705	17	15,410	3.52	542	10-71		40	1,179	-.05	34	76
23-54-0029	7433556	1347940	4-69	2	305	20,065	3.41	685	18	13,430	3.79	509	9-72		40	1,117	-.03	35	75
23-54-0046	5910681	1384112	10-63	7	305	21,904	3.50	767	13	16,894	3.72	629	1-72		36	1,045	-.03	33	70
23-54-0046	6306524	1347940	5-65	3	304	21,016	3.79	797	17	17,740	3.81	676	10-72		42	901	.01	34	65
23-54-0046	6644837	1347940	9-66	4	305	20,450	3.67	751	17	18,032	3.78	682	1-72		44	825	.00	29	-58
23-54-0046	7359357	1427381	7-69	2	300	20,155	3.79	763	11	17,655	3.82	674	7-72	B	40	983	.04	42	75
23-54-0046	7615107	1447414	3-70	2	305	20,550	4.09	841	15	18,130	3.88	704	1-73		40	887	.01	34	65
23-54-0046	7704740	1410733	10-70	1	305	22,540	3.96	893	13	17,270	3.92	677	8-72		36	699	.01	27	51
23-54-0065	6814073	1347940	12-66	3	305	18,203	3.14	571	16	13,126	3.76	494	11-72		42	1,002	-.07	25	62
23-54-0065	6901827	1347940	4-67	3	305	18,790	3.44	647	21	13,756	3.72	512	11-71		42	1,011	-.03	32	68
23-54-0065	7196580	1347940	7-68	1	305	16,730	3.95	660	16	14,490	3.75	544	12-71		36	663	.02	27	50
23-54-0067	5953355	1401112	11-63	3	294	19,340	3.51	678	16	15,163	3.61	547	1-72		35	1,013	-.02	33	69
23-54-0067	6402591	1347940	12-63	4	305	17,970	3.67	660	14	15,135	3.59	543	1-72		44	805	.01	31	59
23-54-0067	6718333	1347940	10-66	2	287	20,670	3.84	793	18	14,705	3.75	552	11-72		40	1,075	.02	42	79
23-54-0067	7017827	1347940	10-67	2	299	18,435	3.55	654	18	14,705	3.75	552	11-72		40	848	-.02	28	58
23-54-0081	7199637	1347940	10-67	2	305	18,300	3.73	682	15	15,415	3.77	581	12-71		40	777	.01	29	56
23-54-0096	6549318	1347940	3-66	4	301	20,635	3.98	822	15	17,197	3.59	618	8-71		44	930	.07	44	75
23-54-0096	6824694	1347940	4-67	3	305	23,520	3.92	923	14	15,993	3.76	602	5-72		42	1,349	.04	55	101
23-54-0096	7374555	1427381	1-69	3	304	19,586	4.16	814	18	16,083	3.67	591	10-72		42	1,081	.11	56	91
23-54-0096	7472939	1458744	8-69	1	305	22,280	3.74	833	12	17,090	3.67	627	12-71		36	849	.00	31	61
23-54-0096	7559345	1427381	8-69	2	305	21,045	3.59	756	18	16,710	3.68	615	12-72		40	1,150	.03	46	85
23-54-0096	7745643	1450228	10-70	1	305	21,950	3.53	774	19	17,410	3.68	640	12-72		36	885	-.03	27	59
23-54-0098	6396002	1347940	6-65	5	305	21,276	3.64	775	11	15,494	3.75	581	2-73		44	1,204	-.01	42	84
23-54-0098	7121406	1469311	5-68	3	305	20,216	4.19	847	18	16,106	3.88	625	10-72		42	610	.10	37	56
23-54-0098	7559124	1347940	9-69	1	305	18,960	4.06	770	16	16,740	4.05	678	8-72		36	695	.01	27	51
23-54-0099	7364341	1347940	9-68	1	305	19,630	3.81	748	8	14,660	3.72	546	5-72		36	869	.02	34	64
23-54-0099	7544526	1347940	4-69	1	305	20,650	3.68	760	11	13,520	3.88	524	10-72		36	1,013	.00	36	71
23-54-0099	7544527	1347940	7-69	1	305	16,560	4.17	691	12	13,460	3.89	524	7-72		36	711	.04	31	55
23-54-0101	6998137	1410984	12-67	3	305	25,303	3.57	903	15	18,366	3.70	680	1-73		42	742	.02	29	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-55-0001	6704567	1347940	7-66	4	280	17,262	3.75	647	21	15,122	3.77	570	2-73	44	718	.01	27	$ 52
23-55-0001	6704568	1347940	9-65	3	305	18,780	3.75	704	17	15,506	3.65	566	2-72	42	849	.02	33	62
23-55-0001	6779391	1469311	8-66	4	305	20,015	3.70	741	18	15,645	3.64	570	11-71	43	663	.05	31	53
23-55-0001	6970706	1347940	1-67	5	288	17,906	3.43	614	21	15,274	3.72	568	1-73	44	792	-.04	23	51
23-55-0001	7314431	1458744	3-69	2	305	22,720	3.68	835	23	14,300	3.76	538	7-72	40	1,248	-.01	44	88
23-55-0001	7416078	1469311	6-69	2	303	20,045	4.00	802	18	14,190	3.86	548	4-73	40	688	.07	35	57
23-55-0003	6734224	1347940	8-66	4	305	17,930	3.48	624	34	13,925	3.65	508	4-72	44	919	-.02	30	63
23-55-0003	6889008	1347940	5-67	2	305	16,460	3.88	638	25	14,725	3.47	511	8-71	40	646	.04	30	51
23-55-0004	6853464	1347940	1-67	3	299	17,896	3.57	639	13	14,490	3.42	496	4-72	42	841	.01	32	61
23-55-0004	7403620	1347940	10-67	3	305	20,616	3.54	729	12	14,620	3.57	522	10-72	42	1,142	-.01	40	80
23-55-0004	7726334	1347940	5-69	2	305	19,450	3.36	653	12	14,810	3.57	529	10-72	40	943	-.03	30	63
23-55-0031	6676026	1347940	12-66	4	305	18,065	3.28	592	19	14,542	3.80	553	2-72	44	875	-.06	22	54
23-55-0031	6935389	1347940	7-67	3	305	17,716	3.47	615	16	14,776	3.77	557	1-72	42	794	-.03	24	52
23-55-0031	6998229	1347940	1-68	3	301	17,890	3.24	579	18	14,116	3.70	522	3-72	42	875	-.05	23	55
23-55-0032	6841422	1347940	6-67	4	305	17,590	4.26	749	7	14,387	4.13	594	7-72	44	832	.05	37	65
23-55-0032	6974269	1347940	9-67	4	301	17,790	3.91	695	6	14,582	4.09	597	8-72	44	837	.00	30	59
23-55-0032	6974270	1347940	12-67	4	295	20,690	3.57	739	6	16,507	3.94	650	1-73	44	1,005	-.04	30	66
23-55-0032	7132565	1347940	8-68	3	305	19,593	3.62	710	6	14,176	4.10	581	8-72	42	1,065	-.04	32	70
23-55-0032	7193176	1347940	12-68	3	296	19,380	3.90	756	5	16,586	3.95	655	1-73	42	819	.01	31	59
23-55-0032	7193177	1347940	12-68	2	305	18,365	3.81	700	6	15,275	4.05	618	9-72	40	795	.00	28	56
23-55-0032	7571612	1347940	4-70	1	267	18,210	4.03	733	8	14,230	4.14	589	5-72 H	36	788	.01	30	57
23-55-0047	6919750	1471956	10-67	3	305	21,363	3.83	819	40	18,386	3.77	694	2-72	41	755	.01	29	55
23-55-0047	7124834	1347940	7-68	3	301	20,046	4.01	803	28	17,186	3.93	675	10-72	42	840	.03	35	64
23-55-0065	6804024	1347940	11-66	3	305	19,276	3.55	684	10	16,066	3.82	614	9-71	42	855	-.03	26	57
23-55-0065	7017203	1347940	10-67	4	303	18,487	3.70	684	12	15,535	3.90	606	1-73	44	829	-.01	28	57
23-55-0076	6616315	1347940	4-66	4	299	17,857	3.84	685	11	15,680	3.77	591	5-72	44	737	.02	30	55
23-55-0076	6953771	1347940	4-67	3	303	20,270	3.52	713	7	16,230	3.71	602	10-71	42	954	-.02	31	65
23-55-0076	7212055	1347940	7-68	3	305	20,683	3.69	764	7	15,930	3.57	569	10-72	42	1,029	.02	40	75
23-55-0091	7150035	1347940	9-68	2	305	17,840	3.65	651	12	13,280	3.77	500	7-72	40	903	.00	32	64
23-55-0093	7226621	1347940	6-68	3	289	17,733	3.65	647	9	14,746	3.72	548	9-72	42	799	.00	28	56
23-55-0093	7457269	1347940	6-69	2	300	17,680	3.67	648	10	14,245	3.76	535	8-72	40	809	.00	29	57
23-55-0095	6600319	1347940	5-66	5	304	18,018	3.47	625	12	14,366	3.91	562	12-72	44	900	-.05	25	58
23-55-0104	7031705	1347940	8-67	3	305	15,633	3.73	583	5	12,923	3.81	493	2-73	42	725	.00	26	51
23-55-0105	6790495	1347940	10-66	4	296	18,407	3.59	661	12	15,777	3.82	602	12-71	44	795	-.02	26	54
23-55-0105	7000025	1347940	7-67	3	297	18,480	3.62	669	13	15,576	3.84	598	12-71	42	808	-.02	26	55
23-55-0105	7000026	1347940	7-67	3	302	20,333	3.43	698	13	15,480	3.72	576	3-72	42	1,030	-.03	32	69
23-55-0105	7546401	1347940	3-70	2	305	17,885	3.48	623	11	15,295	3.73	571	2-73	40	744	-.02	24	50
23-55-0110	6629095	1347940	9-66	4	292	17,392	3.45	600	21	14,322	3.58	513	2-73	44	813	-.01	27	56
23-55-0112	6934532	1347940	1-67	5	305	23,780	3.80	903	11	15,318	3.60	552	1-73	44	1,545	.04	62	115
23-55-0115	6561208	1347940	6-66	3	305	18,460	3.57	659	8	15,333	3.81	584	1-73	42	828	-.02	26	55
23-55-0115	6882061	1347940	6-67	4	296	17,555	3.70	649	11	15,630	3.71	580	12-72	44	704	.00	26	50
23-55-0116	6104173	1347940	2-64	2	305	18,765	3.84	720	7	13,915	3.38	471	6-72	40	946	.05	42	74
23-55-0119	6666413	1347940	6-66	3	305	18,023	3.76	678	5	15,126	3.79	573	3-73	42	797	.01	30	58
23-55-0119	6693281	1347940	6-66	2	291	18,465	3.87	714	6	15,385	3.75	577	1-72	40	796	.02	32	59
23-55-0119	6974515	1347940	12-67	3	286	17,170	3.81	654	5	14,836	3.77	560	3-73	42	726	.01	28	53
23-55-0119	7258976	1347940	6-68	3	295	17,140	4.08	700	5	15,170	3.80	576	3-73	42	691	.05	32	55
23-55-0119	7277252	1347940	8-68	3	300	16,896	4.44	751	6	15,043	3.78	568	3-73	42	675	.09	38	59
23-55-0119	7277253	1347940	12-68	3	291	17,890	3.67	656	6	15,426	3.78	583	12-72	42	754	-.01	26	52
23-55-0119	7279238	1347940	6-68	2	305	17,550	3.52	618	8	13,845	3.75	519	10-72	40	828	-.02	27	56
23-55-0119	7611294	1347940	4-69	2	305	18,710	3.86	723	9	13,670	3.74	511	11-72	40	960	.03	39	72
23-55-0119	7626614	1347940	11-69	1	305	16,810	3.69	621	10	13,270	3.89	516	8-72	36	741	.00	26	52
23-55-0119	7657957	1347940	10-69	1	271	16,930	3.70	626	10	13,220	3.93	520	9-72	36	753	-.01	26	52
23-56-0005	6039573	1426352	9-63	7	305	20,113	3.48	699	39	15,587	3.93	612	1-73	36	838	-.05	22	53
23-56-0005	6512130	1426352	1-66	4	305	21,465	3.80	816	23	16,125	4.03	650	6-72	35	944	.00	34	67
23-56-0005	6707200	1347940	10-66	4	304	18,627	3.90	727	17	16,885	3.96	669	5-72	44	713	.01	27	52
23-56-0005	6918204	1347940	10-67	3	305	23,633	3.19	754	49	17,140	3.76	644	12-72	42	1,257	-.08	32	78
23-56-0005	7280890	1399824	2-69	2	291	19,430	3.82	742	47	16,265	3.90	634	8-72	40	670	.03	28	51
23-56-0008	6320937	1441440	3-65	6	298	21,485	3.73	801	19	15,961	3.90	623	7-72	44	1,033	.01	39	75
23-56-0008	6544405	1441440	12-65	5	304	19,972	3.80	759	19	15,366	3.94	605	7-72	44	899	.02	36	67
23-56-0008	7077218	1441440	4-68	3	305	20,460	3.92	803	18	16,226	3.89	631	7-72	42	820	.05	37	64
23-56-0008	7435319	1427615	7-69	1	305	23,870	3.63	867	18	18,220	4.00	729	7-72	36	942	-.11	16	52
23-56-0008	7460246	1347940	11-69	2	305	21,470	3.56	765	26	17,805	3.84	683	12-72	40	904	-.02	29	61
23-56-0008	7671799	1427615	7-70	1	305	24,400	3.38	824	22	17,260	3.99	688	11-72	36	1,039	-.14	15	55
23-56-0012	6755033	1337741	9-66	3	304	21,650	4.23	915	25	17,070	3.75	640	9-72	42	750	.09	41	65
23-56-0012	6901034	1309574	3-67	4	304	20,750	3.76	781	26	17,895	3.76	673	4-73	44	630	.05	30	51
23-56-0012	6901045	1393031	8-67	3	305	23,283	3.78	879	24	18,123	3.74	678	4-72	42	920	-.05	25	58
23-56-0012	7196076	1441440	11-68	2	305	20,485	4.01	822	28	18,320	3.67	672	12-72	40	602	.07	33	52
23-56-0026	6840765	1399824	3-67	4	305	21,758	3.80	826	11	16,458	3.73	614	8-72	44	998	.04	42	76
23-56-0036	6114835	1199324	2-64	7	302	22,917	3.67	840	24	19,004	3.74	710	12-72	44	1,040	-.02	35	72
23-56-0036	7062842	1387978	4-68	3	305	20,947	3.74	783	18	18,877	3.72	702	8-72	42	717	.00	26	51
23-56-0043	6198972	1199324	11-64	5	305	16,474	3.50	577	14	13,700	3.69	506	2-72	44	756	-.03	23	50
23-56-0050	6332677	1441440	2-65	5	305	17,532	3.94	690	22	14,402	3.68	530	4-73	44	684	.07	35	57
23-56-0050	6486247	1441440	6-65	5	299	18,840	3.77	710	25	13,640	3.58	488	7-72	44	931	.05	42	73
23-56-0050	6965042	1347940	11-66	3	305	20,003	3.60	721	30	14,086	3.76	529	4-72	42	1,120	-.01	39	78
23-56-0050	7701338	1427615	10-70	1	305	21,860	3.16	691	32	15,070	3.60	543	12-72	36	980	-.14	14	52
23-56-0059	7493833	1427615	10-69	2	305	24,275	3.74	909	24	17,445	3.70	646	1-73	40	1,190	-.07	31	74
23-56-0059	7527424	1427615	10-69	2	305	21,145	3.71	785	23	17,520	3.72	652	2-73	40	866	-.08	18	50
23-56-0059	7602630	1526128	12-69	1	305	21,810	3.44	751	26	16,780	3.90	654	9-72	33	1,144	-.12	22	65
23-56-0059	7797535	1441440	11-70	1	305	22,120	4.11	909	26	17,910	3.72	666	1-73	36	689	.07	36	58
23-56-0082	7227852	1399824	12-68	2	305	17,950	3.54	635	48	13,710	3.69	506	8-72	40	727	.01	27	52
23-56-0082	7437480	1399824	11-69	2	305	19,570	3.76	736	50	13,720	3.65	501	11-72	40	891	.04	38	68
23-56-0102	6886510	1399824	5-67	3	305	23,920	3.97	949	17	17,990	3.64	654	3-72	42	1,064	.08	51	86
23-56-0102	6886511	1399824	7-67	3	305	22,700	3.99	905	16	18,187	3.62	658	5-72	42	906	.08	45	75
23-56-0102	7493319	1458744	11-69	2	305	22,005	3.89	855	12	17,910	3.80	680	3-73	40	882	.01	34	64
23-56-0121	6879504	1355784	4-67	4	305	23,170	2.94	682	17	16,925	3.62	612	10-72	43	1,263	-.18	17	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S DAYS	AVERAGE PRODUCTION MILK (LB)	AVERAGE PRODUCTION FAT (%)	AVERAGE PRODUCTION FAT (LB)	HERDMATE AVERAGES NO.	HERDMATE AVERAGES MILK (LB)	HERDMATE AVERAGES FAT (%)	HERDMATE AVERAGES FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	COW INDEX FAT (%)	COW INDEX FAT (LB)	COW INDEX DOLLARS
23-56-0121	7495993	1320310	6-69	2	296	19,505	3.34	652	17	16,080	3.73	600	2-73		40	926	-.08	21	$ 55
23-56-0121	7819634	1337741	6-70	1	305	22,640	4.00	906	15	17,070	3.70	631	9-72		36	635	.04	29	50
23-56-0130	6366672	1441440	8-65	5	302	17,016	3.91	665	5	14,248	3.73	532	7-72		44	633	.05	31	52
23-56-0131	7338777	1337741	4-69	2	305	21,895	3.84	840	36	16,735	3.84	643	7-72		40	739	.02	30	55
23-56-0134	7798460	1441440	8-70	1	134	21,180	3.98	843	17	18,480	3.57	660	12-72	B	36	585	.07	31	50
23-56-0136	6489962	1406271	9-65	5	305	18,402	3.58	658	17	13,970	3.62	506	11-72		44	904	.02	36	67
23-56-0136	6899167	1406271	11-65	5	305	20,742	3.73	773	15	15,064	3.64	549	4-72		44	1,093	.05	47	84
23-56-0136	7277450	1406271	1-68	2	305	20,105	3.50	704	13	14,430	3.65	526	12-72		40	947	.02	37	70
23-56-0136	7607703	1347940	8-68	2	298	19,165	3.37	645	19	15,345	3.73	572	7-72		40	870	-.03	26	57
23-56-0145	5122216	1189870	1-60	5	305	23,764	4.17	991	31	17,532	3.79	664	2-73		44	1,034	.10	53	87
23-56-0145	5481020	1189870	10-61	8	305	23,954	3.59	859	24	17,103	3.84	657	1-73		44	1,103	-.02	37	76
23-56-0145	5777547	1189870	2-63	7	299	21,151	3.57	756	24	16,504	3.85	636	2-73		44	803	-.02	26	54
23-56-0145	5902178	1189870	9-63	8	302	22,214	3.48	773	29	17,200	3.82	657	1-73		44	869	-.03	26	57
23-56-0145	6547750	1347940	4-66	5	303	19,154	3.66	701	39	16,752	3.81	638	10-72		44	801	-.01	27	55
23-56-0145	7424484	1427381	10-69	1	305	17,980	3.70	665	47	15,620	3.95	617	7-72		36	901	.03	37	68
23-56-0145	7424485	1347940	10-69	2	305	20,890	3.62	756	30	17,235	3.81	657	3-73		40	892	-.01	30	61
23-56-0145	7490729	1406271	2-70	1	305	23,360	4.26	995	24	18,040	3.90	703	4-72		36	846	.09	44	71
23-56-0145	7651380	1406271	7-70	1	305	18,690	4.00	748	47	15,610	3.94	615	7-72		36	642	.05	31	52
23-56-0145	7728617	1308101	6-70	1	305	20,610	3.76	774	46	16,200	3.93	637	6-72		36	965	-.02	31	65
23-56-0147	7473229	1427381	6-69	1	305	24,240	3.48	843	13	17,200	3.75	645	12-72		36	1,273	.01	48	92
23-56-0147	7477547	1427381	10-69	1	286	22,410	3.70	829	23	17,090	3.76	642	9-72		36	1,143	.04	47	86
23-56-0147	7512155	1427381	9-69	2	295	19,465	3.59	698	14	17,090	3.67	628	12-72		40	958	.03	39	72
23-56-0157	6784133	1441440	3-66	5	305	18,102	3.62	656	10	14,440	3.74	540	3-73		44	754	.01	29	55
23-56-0161	7516987	1427381	9-69	2	305	23,395	3.43	802	18	17,785	3.49	621	1-73		40	1,301	.02	50	95
23-56-0164	6128177	1189870	10-63	7	303	20,180	3.45	697	9	15,161	3.75	569	1-73		44	817	-.03	25	54
23-56-0164	7192604	1473660	7-68	2	305	23,320	3.58	835	17	15,415	3.74	576	9-72		32	1,113	-.03	36	75
23-56-0164	7230141	1347940	1-69	1	305	23,360	3.11	727	15	14,590	3.85	561	8-71		36	1,151	-.07	31	73
23-56-0175	6257682	1427052	4-64	6	304	19,466	3.98	774	23	15,170	3.90	591	4-72		44	735	.00	26	52
23-56-0175	6314805	1441440	2-65	5	297	20,682	3.31	684	21	14,974	3.89	582	6-72		44	1,031	-.06	28	65
23-56-0175	7714415	1441440	7-70	1	305	19,250	3.78	727	31	14,590	3.69	538	12-72		36	673	.04	30	53
23-56-0180	7414322	1417208	7-69	2	305	18,465	3.50	646	30	13,860	3.91	542	9-72		40	783	-.03	24	52
23-56-0180	7414329	1427381	11-69	2	305	16,710	4.08	682	31	14,060	3.85	541	11-72		40	925	.07	44	75
23-56-0180	7668328	1458744	7-70	1	305	19,290	3.90	752	30	14,320	3.88	555	11-72		36	791	.00	29	56
23-56-0180	7717372	1427381	11-70	1	305	21,840	3.75	818	27	14,360	3.94	566	12-72		36	1,264	.03	51	94
23-56-0183	7677306	1427381	4-70	1	305	19,060	3.88	740	11	13,490	3.97	535	8-72		36	1,108	.05	47	84
23-56-0186	6103537	1329588	6-64	6	300	18,640	3.76	701	7	14,067	3.70	521	9-72		44	760	.00	28	54
23-56-0188	7176245	1427615	10-68	2	305	20,985	3.51	737	9	16,315	3.61	589	5-72		40	948	-.10	19	54
23-56-0188	7666127	1441440	1-70	2	305	19,295	4.31	832	9	17,745	3.58	636	3-73		40	528	.12	37	53
23-56-0194	7595258	1427381	12-69	2	305	20,100	3.98	800	26	16,900	3.60	608	1-73		40	1,038	.09	51	85
23-56-0200	6425327	1427615	10-64	6	288	21,407	3.34	716	13	16,837	3.63	612	5-72		44	1,055	-.13	18	58
23-56-0200	7375008	1427381	8-69	2	305	22,465	3.85	865	14	16,710	3.73	624	12-72		40	1,294	.06	56	100
23-56-0202	7494826	1427615	10-69	2	305	18,615	3.34	622	14	13,430	3.66	491	10-72		40	941	-.12	15	51
23-56-0205	7037201	1458744	9-67	1	305	17,630	3.35	591	10	11,850	3.41	404	3-73		36	815	-.02	26	55
23-56-0207	7549754	1347940	1-70	1	305	19,800	3.28	650	15	16,450	3.57	588	2-72		36	775	-.03	24	52
23-56-0207	7549755	1526128	10-69	1	305	21,000	2.81	590	19	16,310	3.49	569	10-72		33	1,110	-.16	15	50
23-56-0217	7438004	1347940	8-69	1	305	25,270	3.52	890	18	19,120	3.59	686	4-72		36	1,023	-.01	36	72
23-56-0217	7485841	1512026	3-69	2	305	22,420	3.68	825	14	18,400	3.71	683	3-73		39	926	-.01	31	64
23-56-0238	7630635	1447414	4-70	1	305	18,160	3.69	671	25	14,470	3.70	535	8-72		36	879	-.02	28	59
23-56-7035	7493322	1427381	1-70	1	305	23,360	3.66	854	11	14,850	3.81	566	6-72		36	1,348	.03	54	100
23-56-7035	7717967	1441440	10-70	1	305	18,340	4.34	796	12	15,600	3.56	555	10-72		36	545	.09	34	51
23-56-7035	7740777	1441440	10-70	1	305	20,280	3.46	701	12	15,600	3.56	555	10-72		36	690	.01	27	51
23-56-7075	6664437	1441440	11-66	4	297	18,502	3.97	734	12	16,195	3.74	605	3-73		44	613	.07	32	52
23-56-7075	7466274	1427615	9-69	2	305	21,715	3.93	853	12	17,385	3.68	640	3-73		40	935	-.05	26	60
23-56-7075	7800639	1399824	9-70	1	305	23,600	4.22	996	15	18,600	3.66	680	11-72		36	768	.09	41	66
23-56-7075	7800644	1427615	10-70	1	305	26,210	3.10	812	13	19,360	3.78	731	1-73		36	1,048	-.17	11	52
23-56-7123	6694829	1441440	3-66	2	305	16,715	3.72	622	8	11,750	3.83	450	12-71		40	752	.03	31	57
23-57-0020	6407845	1347940	10-65	5	301	18,008	3.49	628	28	14,526	3.66	532	7-72		44	882	-.02	28	59
23-57-0020	6608949	1347940	7-66	4	298	18,800	3.35	629	46	13,950	3.66	511	1-72		44	1,024	-.04	31	68
23-57-0020	6715009	1475380	9-66	4	305	20,522	3.43	703	39	14,740	3.64	536	8-72		35	1,045	-.05	29	67
23-57-0042	6754153	1347940	1-67	3	281	18,780	3.80	713	16	14,756	3.88	573	3-73		42	918	.01	34	66
23-57-0042	6754154	1347940	1-67	3	305	18,026	3.78	681	17	13,886	3.89	540	8-72		42	911	.00	33	65
23-57-0057	6910378	1347940	9-67	2	285	19,470	3.78	736	6	15,725	3.96	623	11-72		40	870	.00	31	61
23-57-0057	7604179	1347940	2-69	1	305	20,530	3.90	800	6	16,550	3.96	656	12-72		36	823	.01	31	59
23-57-0057	7604182	1347940	11-69	1	305	18,640	3.86	720	8	15,180	4.04	614	10-72		36	764	.00	28	55
23-57-0063	6695159	1347940	10-66	2	225	20,795	3.51	730	12	16,545	3.58	593	2-73	B	40	938	.00	33	66
23-57-0063	7610099	010238790	7-66	2	305	23,940	3.45	826	16	16,440	3.58	588	2-73		38	1,112	.04	46	84
23-57-0081	7359856	1347940	10-67	3	305	20,020	3.70	741	11	14,883	3.80	566	3-73		42	1,049	.00	37	74
23-57-0081	7465592	1347940	8-68	1	305	21,420	3.68	788	17	15,860	3.78	599	12-72		36	930	.00	34	66
23-57-0081	7465597	1458744	10-68	2	295	19,450	3.32	645	18	15,495	3.78	585	10-72		40	819	-.05	21	51
23-57-0083	7352962	1432733	3-69	1	305	19,780	3.63	718	12	12,230	3.79	464	2-73		36	846	-.02	28	58
23-57-0089	6447338	1347940	12-65	2	305	15,645	3.66	572	7	13,130	3.66	481	2-73		40	693	.01	26	50
23-58-0006	6341475	010229512	4-62	6	305	24,937	3.32	827	10	15,133	3.71	561	9-72		44	1,371	-.01	48	96
23-58-0009	6940767	1406271	9-67	3	305	22,653	3.33	755	14	16,763	4.03	675	3-72		42	1,088	-.05	31	70
23-58-0009	7744220	1529269	8-70	1	305	24,550	3.30	811	27	17,230	3.74	644	9-72		23	744	-.02	23	50
23-58-0022	6569114	1347940	12-65	2	305	17,415	4.47	778	18	14,605	3.94	575	5-72		40	753	.08	39	63
23-58-0022	7455784	1347940	10-69	1	235	20,130	3.58	720	37	16,200	3.85	624	11-71	B	36	814	-.01	27	56
23-58-0040	6466555	1347940	8-65	2	305	21,275	3.69	784	19	15,415	3.81	588	12-71		40	1,079	.00	39	77
23-58-0040	7352038	1347940	1-69	3	300	21,623	3.20	693	9	15,646	3.88	607	3-73		42	1,163	-.09	28	71
23-58-0045	5453892	010233629	2-55	6	305	22,023	4.30	947	13	14,480	3.83	554	10-72		40	1,024	.12	55	88
23-58-0045	7590053	1458744	9-68	2	305	18,150	3.11	564	16	13,730	3.54	486	11-72		40	830	-.06	20	50
23-58-0053	6663580	1347940	8-66	4	297	21,480	3.56	765	12	17,890	3.71	664	5-72		44	966	-.02	32	66
23-58-0053	6922852	1347940	6-67	4	299	20,655	3.62	748	23	16,797	3.74	628	11-72		44	972	-.01	34	68
23-58-0053	7247639	1347940	1-69	2	305	23,780	3.82	909	18	15,785	3.64	574	11-72		40	1,303	.03	52	97
23-58-0053	7278462	1347940	1-69	3	295	21,043	3.57	751	15	17,573	3.66	643	1-73		42	919	-.01	32	64
23-58-0053	7460682	1347940	3-69	1	305	21,220	3.83	813	6	15,710	3.86	606	4-72		36	924	.01	35	67

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-58-0053	7460686	1347940	9-69	2	305	20,310	3.79	769	23	17,070	3.69	630	11-72		40	846	.02	34	$ 63
23-58-0053	7460691	1347940	12-69	1	291	18,200	3.82	695	21	15,780	3.68	580	9-72		36	695	.02	28	52
23-58-0053	7707365	1347940	3-70	1	305	19,450	3.59	699	21	15,780	3.68	580	9-72		36	788	.00	28	56
23-58-0055	7644667	1447414	10-70	1	305	24,860	3.33	829	5	15,400	3.60	554	10-72		36	1,323	-.06	38	86
23-58-0074	6641621	1418291	8-66	4	305	18,880	4.49	848	14	16,370	3.74	612	7-72		30	435	.16	39	50
23-58-0074	7022483	1458744	12-67	3	305	20,003	3.89	779	15	16,783	3.80	637	4-72		42	806	.02	32	60
23-58-0074	7022484	1458744	3-68	3	305	20,483	3.66	750	16	16,733	3.78	632	1-73		42	866	-.01	29	60
23-58-0074	7115100	1458744	8-68	2	305	19,800	3.74	740	15	16,425	3.78	621	4-72		40	779	-.01	27	54
23-58-0097	7051220	1347940	7-67	3	305	17,760	4.25	754	9	15,306	3.79	580	8-72		42	750	.07	38	62
23-58-0100	6879354	1348259	12-65	5	305	21,370	3.70	790	12	16,398	3.66	600	12-72		44	927	.02	36	68
23-58-0100	7848081	1404202	6-69	2	305	21,075	3.51	740	22	15,880	3.70	587	8-72		40	877	-.07	20	52
23-58-0101	6787487	1347940	3-67	4	299	17,825	3.81	680	25	14,930	3.78	564	12-72		44	807	.02	32	60
23-58-0132	6688385	1347940	11-66	4	294	18,247	3.72	678	6	15,150	3.64	551	9-72		44	837	.02	33	62
23-58-0143	6758189	1347940	10-66	3	298	16,493	3.48	574	18	11,810	3.66	432	1-72		42	926	-.01	31	64
23-58-0186	6442385	1347940	9-65	5	305	26,078	3.48	908	18	16,910	3.54	599	7-72		44	1,678	-.01	58	117
23-58-0186	6442386	1347940	9-65	5	287	18,778	3.59	674	15	16,708	3.56	594	2-72	B	44	757	.01	28	54
23-58-0186	7341448	1347940	10-68	3	304	21,670	3.71	804	19	17,143	3.67	629	3-73		42	1,031	.01	39	75
23-58-0186	7497985	1347940	10-69	2	295	20,040	3.77	755	33	18,185	3.61	657	9-72		40	728	.02	30	55
23-58-0188	6985075	1347940	1-68	2	305	16,310	3.89	635	5	13,915	3.95	550	8-72		40	697	.01	26	50
23-58-0188	7813138	1347940	3-69	2	301	18,085	3.43	621	9	14,555	3.64	530	2-73		40	825	-.02	27	56
23-58-0190	6041734	1245520	10-63	6	305	20,168	3.56	717	14	14,738	3.77	556	11-72		44	926	-.05	25	59
23-58-0190	6462124	1347940	2-66	4	302	17,345	3.79	657	8	15,040	3.76	566	7-72		44	737	.02	29	54
23-58-0201	6916978	1261857	9-67	3	305	20,003	3.78	756	54	17,020	3.65	621	10-72		42	704	.08	37	60
23-58-0201	6916979	1261857	12-67	3	305	22,200	3.78	839	47	17,113	3.63	622	11-72		42	948	.08	46	77
23-58-0201	6916985	1489516	9-67	3	305	23,360	3.16	738	29	17,730	3.71	657	1-73		38	962	-.10	19	55
23-58-0201	7559085	1447414	8-69	2	300	19,230	3.29	632	63	16,800	3.65	613	8-72		40	861	-.07	20	52
23-58-0201	7745273	1447414	8-70	1	305	20,540	3.77	775	5	18,110	3.69	668	3-73		36	840	-.02	27	57
23-58-0201	7774349	1447414	11-70	1	305	21,140	4.10	866	69	16,330	3.72	607	8-72		36	991	.02	38	72
23-58-0204	7149405	1495135	7-68	2	305	19,385	3.56	690	26	15,630	3.69	577	4-72		37	684	.04	30	53
23-58-0204	7597595	1427381	1-70	1	305	17,230	3.92	675	24	15,420	3.74	576	6-72		36	857	.06	40	68
23-58-0204	7597596	1427381	2-70	1	305	19,130	3.41	653	22	14,960	3.74	560	7-72		36	1,026	.01	39	74
23-58-0204	7793798	1450228	8-70	1	305	20,230	3.37	682	28	14,700	3.74	550	12-72		36	918	-.05	25	58
23-58-0210	7184168	1347940	12-66	3	305	15,833	3.89	616	16	13,580	3.72	505	4-73		42	687	.03	29	52
23-58-0218	8104138	1320310	6-70	1	305	17,980	3.37	606	25	13,650	3.55	485	10-72		36	892	-.05	24	56
23-58-0283	6684075	1347940	7-66	4	305	16,827	3.64	613	10	13,390	3.53	473	9-71		44	836	.01	32	61
23-58-0297	7057582	1501322	11-67	3	305	19,663	3.80	748	19	13,966	3.67	512	10-72		33	930	.04	40	71
23-58-0306	6165834	1085978	10-64	5	305	21,518	3.90	840	30	15,864	3.70	587	1-72		44	1,013	.04	43	77
23-58-0306	6977547	1348259	10-67	3	300	21,147	3.46	731	23	17,300	3.65	631	11-72		42	752	-.02	24	51
23-58-0306	7193616	1348259	10-68	2	297	22,775	3.35	762	28	17,595	3.60	633	10-72		40	843	-.03	26	56
23-58-0310	6860368	1347940	10-66	4	294	19,167	3.45	661	8	16,240	3.85	625	10-71		44	843	-.05	23	54
23-58-0343	5337503	1343080	3-61	7	305	24,349	3.29	801	17	15,341	3.70	567	6-72		34	1,489	-.10	38	92
23-58-0343	5427978	1245520	10-61	8	299	19,603	3.67	720	22	15,215	3.73	567	9-72		44	804	-.03	24	53
23-58-0343	6788147	1278644	2-67	3	305	23,153	3.61	836	18	17,277	3.75	648	3-72		42	1,056	-.06	29	67
23-58-0359	5416825	1163043	3-61	6	305	20,140	3.88	781	20	15,627	3.85	602	4-72		44	559	.10	35	52
23-58-0359	6790348	1469311	9-66	5	297	22,516	3.74	842	26	17,278	3.78	653	11-72		44	846	.04	36	65
23-58-0359	7143081	1347940	8-67	4	299	20,660	3.72	769	25	16,865	3.74	631	10-72		44	966	.01	36	69
23-58-0359	7176403	1347940	8-68	2	305	23,585	3.54	836	23	17,275	3.70	639	8-71		40	1,162	-.01	40	81
23-58-0359	7176406	1347940	8-68	2	305	22,630	3.69	836	16	17,335	3.90	676	4-72		40	1,060	-.01	37	74
23-58-0303	6082504	1379812	11-62	5	303	20,786	3.93	817	10	18,284	3.63	663	12-72		35	771	.08	40	65
23-58-0303	7771884	1493686	11-70	1	305	20,570	3.53	727	9	17,910	3.52	631	10-72		36	646	.03	28	50
23-58-0385	6701439	1331709	8-65	5	305	27,698	3.54	980	18	18,962	3.56	675	2-72		44	1,447	-.03	47	98
23-58-0385	7565037	1447414	2-70	1	298	23,960	3.49	837	31	20,110	3.47	697	2-72		36	975	-.03	30	65
23-58-0421	6726744	1347940	4-66	5	300	20,396	3.50	714	22	15,242	3.65	557	10-72		44	1,117	-.02	37	76
23-58-0422	7054154	1347940	2-68	4	299	17,715	3.54	627	9	12,520	3.70	463	3-73		44	1,031	-.01	35	71
23-58-0422	7469634	1347940	6-69	2	293	16,905	3.60	609	6	14,545	3.58	520	4-72		40	706	.00	26	51
23-58-0451	6937996	1347940	10-67	4	291	18,910	3.44	651	9	15,565	3.67	571	11-72		44	878	-.03	27	58
23-58-0451	6937997	1347940	12-67	4	266	17,485	3.64	637	12	15,415	3.64	561	11-72		44	717	.01	27	52
23-58-0451	7220077	1347940	4-68	2	305	18,510	4.08	756	11	15,465	3.72	576	12-71		40	794	.05	37	63
23-58-0460	6294850	1244845	5-65	6	280	23,140	3.27	756	18	17,578	3.50	615	10-72	B	44	981	-.08	23	59
23-58-0460	7043039	1347940	3-68	3	298	22,576	3.48	785	13	20,460	3.51	719	8-72		42	830	-.01	28	57
23-58-0460	7207336	1447141	10-68	2	305	21,275	4.11	875	27	17,975	3.68	662	7-72		40	552	.12	38	54
23-58-0460	7275240	1347940	3-67	3	304	21,323	3.76	801	19	17,336	3.70	641	4-72		42	973	.01	37	71
23-58-0460	7806142	010293405	7-66	2	292	27,030	3.27	884	14	21,435	3.31	709	10-72	B	25	880	-.03	27	58
23-58-0464	7360661	1506996	7-69	2	305	20,570	3.89	800	26	15,735	3.76	592	10-72		25	640	.03	28	50
23-58-0470	6673802	1347940	8-66	3	299	16,860	3.68	620	5	14,023	3.67	515	11-72		42	765	.00	28	55
23-58-0472	6698113	1347940	4-66	3	305	17,523	3.64	638	34	14,553	3.75	546	2-72		42	792	-.01	27	55
23-58-0472	6978362	1471956	12-67	3	305	21,006	3.66	768	28	16,160	3.81	615	10-72		41	922	-.02	30	63
23-58-0488	6478432	1347940	9-65	3	290	15,326	4.02	616	15	13,110	3.87	508	11-72		42	672	.03	28	51
23-58-0488	6517959	1347940	11-65	3	287	15,823	4.01	635	10	13,160	3.76	495	11-72		42	725	.04	32	56
23-58-0488	6765897	1347940	9-66	3	299	16,240	4.13	670	11	14,013	3.85	540	12-71		42	694	.05	32	55
23-58-0510	7602874	1447414	4-70	1	303	17,250	3.42	590	40	14,090	3.48	490	8-72		36	834	-.04	24	54
23-58-0511	6969083	1471956	10-67	3	305	22,016	3.49	768	22	16,166	3.66	591	1-73		41	1,039	-.03	33	70
23-58-0511	7087954	1507274	3-68	2	305	21,195	3.59	760	20	15,170	3.68	559	4-72		37	833	-.07	19	50
23-58-0511	7213186	1347940	6-67	3	231	19,020	3.52	670	14	16,053	3.60	578	5-72		42	826	-.01	28	57
23-58-0511	7865736	1447414	10-70	1	305	20,970	3.43	719	19	16,960	3.73	632	11-72		36	940	-.06	25	59
23-58-0516	6764890	1458744	3-67	3	303	16,586	3.79	629	85	13,310	3.70	493	10-71		42	733	.01	28	53
23-58-0516	7184789	1520624	10-68	2	303	20,570	2.98	614	96	13,960	3.67	512	4-72		29	933	-.12	15	50
23-58-0516	7378020	010291281	3-66	3	305	17,290	3.47	600	100	13,616	3.67	500	12-72		37	822	-.02	26	55
23-58-0516	7406750	1520624	5-69	2	305	18,895	3.57	675	94	13,675	3.70	506	9-72		29	760	-.03	23	50
23-58-0556	6489369	1461091	12-65	5	305	22,804	3.35	764	7	16,342	3.63	594	9-72		32	1,079	-.06	30	69
23-58-0558	6677010	1347940	12-66	4	274	17,040	3.90	665	17	14,972	3.69	553	4-72		44	706	.04	31	55
23-58-0558	6747750	1347940	9-66	4	302	18,190	4.16	757	16	15,687	3.75	588	3-72		44	777	.07	39	64
23-58-0560	7470955	1447414	11-69	2	296	16,320	3.85	629	17	14,650	3.63	532	2-73		40	740	.00	26	52
23-58-0585	7413272	1347940	7-69	1	305	21,190	3.54	750	13	18,040	3.74	674	1-73		36	783	-.01	26	54
23-58-0585	7448069	1347940	12-69	1	305	23,940	3.90	933	13	18,040	3.74	674	1-73		36	988	.03	40	74

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	C O W REPT (%)	MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
23-58-6004	7043506	1347940	7-67	3	302	17,620	3.63	639	10	14,893	3.46	515	6-72		42	772	.01	30	$ 57
23-58-6010	6767099	1347940	1-67	4	305	19,452	3.78	735	15	13,640	3.86	527	4-73		44	1,135	.01	42	81
23-58-7051	7144641	1347940	9-66	1	305	17,130	4.01	687	31	13,210	3.74	494	2-73		36	769	.03	32	58
23-58-7051	7633989	1347940	9-68	1	305	18,680	2.99	558	32	13,290	3.71	493	1-73		36	879	-.06	23	55
23-58-7051	7897170	1347940	8-69	1	285	17,380	3.52	611	27	13,130	3.72	489	3-73		36	792	-.01	27	55
23-58-7051	7897175	1347940	9-68	1	305	17,990	3.52	634	23	13,550	3.68	499	12-72		36	813	-.01	28	57
23-58-7051	7897179	1347940	10-69	1	305	18,120	3.06	555	32	13,290	3.71	493	1-73		36	838	-.05	22	53
23-59-0003	6760996	1347940	12-65	2	305	19,710	3.32	654	6	15,500	3.83	593	8-72		40	913	-.05	25	58
23-59-0016	6989601	1347940	9-67	4	305	20,112	3.56	716	26	15,550	3.61	562	3-73		44	1,028	-.01	36	72
23-59-0032	6081605	1329588	12-63	7	302	18,186	3.97	722	20	14,601	3.66	534	6-72		44	647	.04	29	51
23-59-0032	7419503	1427381	8-69	1	305	15,110	3.98	601	15	12,970	3.64	472	7-72		36	845	.07	41	69
23-59-0038	7632473	0102759J2	5-63	3	305	20,400	3.47	707	28	14,413	3.83	552	3-73		42	794	-.02	25	53
23-59-0051	6792380	1347940	3-67	4	297	17,070	3.25	554	39	12,972	3.58	465	12-72		44	907	-.04	26	59
23-59-0051	6945456	1347940	8-67	3	305	15,616	3.50	546	38	12,656	3.65	462	6-72		42	747	-.01	25	51
23-59-0051	7056075	1347940	3-68	2	305	17,825	3.51	625	37	12,405	3.63	450	3-72		40	973	-.01	34	68
23-59-0051	7216887	1347940	8-68	2	305	19,725	3.56	702	44	12,710	3.65	464	2-72		40	1,141	-.01	40	80
23-59-0051	7564641	1347940	2-70	1	305	17,340	3.73	647	44	11,260	3.69	415	8-72		36	901	.01	34	65
23-59-0059	7055101	1471956	4-68	3	305	17,866	3.87	692	22	14,233	3.85	548	10-72		41	735	.01	28	53
23-59-0059	7228298	1347940	11-68	3	305	18,383	4.17	767	22	14,556	3.80	553	3-73		42	891	.06	42	71
23-59-0062	6747219	1347940	11-66	4	295	18,042	3.71	670	20	16,075	3.77	606	9-72		44	721	.00	26	51
23-59-0062	7155276	1526793	9-68	2	305	21,790	3.74	814	29	16,380	3.75	615	11-72		25	729	.01	28	53
23-59-0062	7204591	1526793	12-68	2	305	21,975	3.52	774	27	16,340	3.76	614	12-72		25	757	-.03	23	50
23-59-0065	6931427	1347940	1-67	3	302	17,460	4.01	701	5	14,445	3.99	576	8-72		44	810	.03	33	61
23-59-0070	7266660	1347940	11-68	3	301	19,393	4.08	791	32	14,270	3.88	554	12-72		42	1,033	.04	44	79
23-59-0070	7508290	1347940	11-68	2	305	18,680	3.48	650	39	14,795	3.78	559	12-72		40	866	-.03	27	58
23-59-0070	7919607	1299222	11-70	1	305	26,930	2.64	711	35	15,630	3.70	578	2-73		35	1,365	-.16	24	76
23-59-0098	7689183	1347940	12-68	2	305	18,275	3.62	662	20	14,445	4.04	583	7-72		40	853	-.02	27	57
23-59-0103	6931751	1379208	6-67	4	295	17,970	3.78	679	14	14,698	3.62	532	7-72		43	672	.03	29	52
23-59-0142	6800764	1206797	9-66	2	305	22,315	3.67	818	23	15,905	3.85	612	1-72		40	842	-.01	29	59
23-59 0142	7100767	1347940	2-68	3	304	17,970	4.00	719	15	15,610	3.86	602	3-73		42	746	.03	32	57
23-59-0142	7437298	1347940	12-68	2	301	19,195	3.68	707	28	16,225	3.86	626	9-72		40	802	-.01	28	56
23-59-0146	6829720	1477772	3-67	3	305	20,570	4.06	835	17	15,397	3.98	613	12-72		32	746	.05	35	60
23-59-0146	7302982	1520463	1-69	2	305	20,645	3.86	797	15	15,285	3.75	573	3-72		25	695	.03	30	53
23-59-0151	6372239	1347940	9-65	5	279	15,986	3.73	597	12	13,396	3.94	528	4-72		44	738	-.01	25	51
23-59-0151	6705022	1386406	7-66	5	303	18,530	3.92	726	20	14,152	3.76	532	12-72		44	739	.05	34	59
23-59-0151	7163684	1427010	/-66	3	302	23,366	2.80	654	16	14,070	3.78	532	11-72		41	1,272	-.27	3	54
23-59-0164	6686033	1347940	7-66	3	301	17,733	3.86	685	8	14,070	3.77	531	10-71		42	861	.02	34	64
23-59-0164	6686037	1347940	9-66	5	303	18,212	3.89	709	9	15,038	3.82	575	3-73		44	856	.02	34	63
23-59-0164	6920560	1347940	4-67	4	279	17,172	3.92	674	8	14,930	3.88	579	4-73		44	726	.02	29	54
23-59-0164	7207864	1347940	6-68	2	286	18,640	3.50	653	10	15,025	3.82	574	11-72		40	843	-.03	26	56
23-59-0164	7207886	1347940	8-68	2	305	17,595	3.89	685	16	14,835	3.61	536	10-72		40	752	.04	33	58
23-59-0164	7454581	1347940	1-69	2	298	20,955	3.76	788	9	13,520	3.74	505	1-73		40	1,200	.02	46	87
23-59-0164	7565797	1347940	3-69	2	284	19,160	3.36	644	12	14,220	3.80	541	11-72		40	961	-.04	28	63
23-59-0173	6401374	1347940	11-65	4	301	20,800	3.49	726	10	15,000	3.77	565	10-72		44	1,167	-.03	37	78
23-59-0193	6558334	1347940	3-66	2	292	19,700	3.71	731	18	15,055	3.68	554	2-73		40	948	.01	36	69
23-59-0193	6794914	1347940	1-67	3	305	17,796	3.39	603	17	14,650	3.67	538	7-72		42	815	-.03	24	53
23-59-0193	7194761	1347940	3-68	1	305	19,700	3.49	688	9	15,740	3.65	575	3-73		36	809	-.01	27	56
23-59-0193	7426092	1427381	11-68	2	305	18,255	3.89	711	23	14,590	3.67	536	9-72		40	1,039	.07	48	83
23-59-0193	8108979	1347940	11-70	1	305	19,920	3.86	769	6	15,120	3.76	569	4-73		36	863	.02	34	64
23-59-0208	7912018	1427381	9-69	2	305	16,480	3.72	613	13	13,190	3.86	509	2-73		40	972	.03	40	73
23-59-0226	6766564	1417208	8-66	5	304	18,244	3.49	636	20	14,232	3.84	546	10-72		44	816	-.03	24	53
23-59-0226	7764076	1427381	3-70	1	305	17,460	3.84	670	19	13,820	3.71	513	10-72		36	970	.05	43	76
23-59-0226	7764077	1427381	7-70	1	305	16,760	4.53	760	23	12,950	3.78	490	9-72		36	969	.10	51	82
23-59-0226	7768825	1427381	7-70	1	305	20,430	3.49	714	19	13,820	3.71	513	10-72		36	1,191	.03	47	88
23-59-0264	6961915	1347940	1-67	4	299	18,690	3.26	609	17	15,670	3.68	576	12-72		44	841	-.05	22	53
23-59-0265	6499209	1347940	12-65	4	285	18,237	3.76	685	20	16,052	3.72	597	4-73		44	747	.01	29	55
23-59-0266	6655754	1347940	11-65	3	301	15,573	3.64	567	15	12,026	3.83	460	6-72		42	800	-.01	27	55
23-59-0266	7104871	1347940	8-67	3	285	15,386	3.91	601	10	11,980	3.62	434	1-73		42	783	.04	34	60
23-59-0266	7170962	1347940	7-68	2	268	15,235	3.79	577	7	12,105	3.57	432	11-72		40	734	.02	30	55
23-59-0267	6810322	1347940	10-66	4	298	16,182	3.80	615	15	14,172	3.73	528	11-72		44	679	.02	27	50
23-59-0267	6810323	1347940	12-66	5	296	16,840	3.57	602	12	14,086	3.76	529	4-73		44	777	-.02	25	53
23-59-0267	6810324	1347940	1-67	3	305	17,616	3.83	674	16	14,313	3.65	523	11-71		42	825	.03	34	62
23-59-0267	7179215	1347940	10-68	3	303	16,596	3.73	619	18	14,553	3.68	535	9-72		42	686	.01	26	50
23-59-0267	7648377	1320310	9-69	1	290	18,050	3.37	608	24	13,710	3.77	517	8-72		36	894	-.07	22	55
23-59-0299	7191915	1347940	10-68	2	296	16,310	3.49	569	14	13,440	3.68	495	8-72		40	735	-.02	24	50
23-59-0300	6940537	1347940	10-67	3	305	20,110	3.67	738	9	16,323	3.68	601	5-72		42	927	.00	34	66
23-59-0319	6966118	1347940	8-67	3	305	17,070	3.75	640	33	14,203	3.73	530	1-73		42	772	.01	29	56
23-59-0345	6798643	1347940	8-66	4	304	22,007	3.49	768	22	15,800	3.72	588	11-71		44	1,237	-.03	40	84
23-59-0345	6798645	1347940	9-66	4	289	18,525	3.35	621	27	15,870	3.71	588	12-71		44	801	-.04	22	51
23-59-0345	7242992	1347940	8-67	3	299	20,123	3.61	727	26	15,733	3.74	588	12-71		42	983	-.01	34	68
23-59-0361	7366204	1347940	8-67	2	305	21,760	3.34	726	8	18,275	3.74	683	11-71		40	896	-.05	25	57
23-59-0370	6832738	1347940	1-67	1	305	16,920	3.77	638	14	12,300	3.68	453	5-72		36	807	.01	31	59
23-59-0400	5987988	1330987	9-63	4	300	20,135	3.55	714	22	15,790	3.70	585	2-72		44	810	.02	32	60
23-59-0400	6885802	1417208	9-67	3	305	21,330	3.44	733	30	15,707	3.59	564	10-72		42	991	-.02	33	68
23-59-0400	7257635	1502091	9-68	3	305	19,613	3.72	729	32	16,450	3.58	589	11-72		32	729	.01	27	52
23-59-0402	8008252	1427381	7-70	1	305	15,540	3.72	578	22	14,020	3.72	522	10-72		36	815	.04	36	63
23-59-0406	7014485	1347940	2-68	1	276	19,060	3.96	755	6	17,040	3.78	644	12-72		36	684	.02	28	51
23-59-0420	6292355	0102759J2	1-65	4	305	22,310	3.40	758	9	15,743	3.63	572	8-72		44	947	-.02	31	64
23-59-0422	6922483	1424056	12-67	3	305	21,206	3.85	816	33	15,956	3.93	627	2-73		33	680	.02	28	51
23-59-0434	6970364	1347940	1-68	2	302	16,965	4.03	684	15	14,815	3.96	587	1-73		40	690	.02	28	52
23-59-0434	7497559	1282936	10-69	2	305	21,680	3.27	708	17	14,180	3.89	551	10-72		40	899	-.07	21	54
23-59-0478	6992255	1347940	3-66	1	305	20,240	4.27	865	12	14,530	3.73	542	12-72		36	922	.06	43	74
23-60-0003	6297941	1347940	1-65	6	305	20,465	3.57	731	11	15,560	3.80	591	6-72		44	1,093	-.02	36	75
23-60-0003	6526876	1347940	12-65	3	305	18,276	3.91	714	11	16,040	3.84	616	2-72		42	742	.02	30	55
23-60-0003	6778118	1347940	9-66	5	302	18,442	3.94	727	14	15,764	3.90	615	2-73		44	811	.02	33	61

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
23-60-0003	6811335	1347940	10-66	4	305	18,872	3.71	701	15	15,205	3.78	574	12-72		44	909	.00	33	$ 65
23-60-0003	6943160	1347940	11-67	3	305	19,310	3.71	717	8	16,233	3.73	605	5-72		42	843	.00	31	60
23-60-0003	7094969	1347940	1-68	3	305	18,530	4.14	768	13	15,010	3.88	582	1-73		42	866	.05	39	68
23-60-0003	7102368	1347940	4-68	3	299	17,723	3.42	607	16	14,730	3.87	570	10-72		42	799	-.04	22	51
23-60-0003	7502813	1427381	11-69	2	294	17,250	3.73	644	27	15,285	3.82	584	12-72		40	880	.03	37	67
23-60-0006	6686484	1347940	12-66	4	305	20,187	3.63	733	9	15,070	3.69	556	9-72		44	1,085	.00	39	77
23-60-0010	6148136	1347940	6-64	5	299	18,764	3.52	660	22	14,538	3.82	556	9-71		44	979	-.03	30	65
23-60-0010	6272611	1347940	3-65	5	302	18,910	3.55	671	19	14,336	3.80	545	12-72		44	1,018	-.02	33	69
23-60-0010	6536789	1347940	3-66	4	292	19,652	3.22	633	18	14,990	3.74	560	10-72		44	1,027	-.07	26	64
23-60-0010	6848462	1347940	3-67	4	296	20,140	3.49	702	17	14,360	3.82	549	3-73		44	1,149	-.03	36	77
23-60-0010	6848463	1347940	5-67	3	305	19,193	3.52	675	20	14,356	3.88	557	5-72		42	1,002	-.03	31	67
23-60-0010	7512172	1347940	5-68	3	291	16,690	4.03	673	17	14,166	3.80	538	1-73		42	732	.04	32	57
23-60-0019	6305975	1347940	1-65	6	299	15,980	3.37	538	24	12,811	3.72	476	6-72		44	798	-.04	23	52
23-60-0031	6734661	1347940	9-66	3	295	18,240	3.61	659	14	15,340	3.61	554	6-72		42	802	.00	29	57
23-60-0031	6769756	1347940	9-66	3	296	18,480	3.50	646	14	15,090	3.66	553	4-73		42	853	-.02	28	58
23-60-0031	6957679	1347940	11-67	4	304	18,095	3.49	632	14	15,445	3.61	558	3-73		44	789	-.02	26	54
23-60-0031	7446575	1347940	9-69	2	296	18,530	3.16	585	20	14,350	3.55	509	10-72		40	887	-.04	25	57
23-60-0032	6820855	1347940	3-67	4	305	18,497	3.54	655	11	14,565	3.74	545	2-73		44	926	-.02	30	63
23-60-0032	6823795	1347940	4-67	3	305	17,903	3.46	620	10	14,186	3.62	514	12-71		42	870	-.02	28	59
23-60-0032	6826912	1347940	7-66	4	305	18,532	3.79	703	8	14,607	3.81	557	12-72		44	926	.01	35	67
23-60-0035	7448431	1347940	7-69	2	305	16,125	3.86	622	13	13,720	3.84	527	7-72		40	694	.01	27	51
23-60-0036	6942293	1347940	8-67	2	298	21,635	2.78	602	19	15,335	3.55	544	10-71		40	1,122	-.10	24	66
23-60-0036	7242625	1347940	10-68	3	302	18,963	3.53	670	18	14,760	3.62	535	12-72		42	939	-.01	32	65
23-60-0036	7438323	1347940	8-69	2	305	20,720	3.58	742	27	14,645	3.69	548	11-72		40	1,069	.00	38	75
23-60-0043	6687443	1347940	11-66	4	296	16,562	3.71	614	7	14,957	3.49	522	4-72		44	648	.03	28	50
23-60-0069	7350410	1427381	2-69	2	305	23,495	3.66	860	8	16,305	3.68	600	2-72		40	1,431	.04	58	107
23-60-0069	7685161	1458744	11-70	1	305	20,120	4.27	859	6	15,710	3.86	607	2-73		36	770	.04	34	60
23-60-0077	7330186	1347940	5-69	2	305	18,125	3.51	637	7	14,710	3.81	560	5-72		40	816	-.02	26	55
23-60-0080	6952680	1347940	8-67	3	305	18,226	3.62	659	21	14,640	3.85	563	6-72		42	865	-.02	28	59
23-60-0080	7219252	1347940	8-68	3	303	18,503	3.29	608	20	14,843	3.77	559	11-72		42	878	-.06	23	55
23-60-0107	7480165	1427381	1-70	1	305	19,670	4.15	817	7	17,020	3.80	646	3-72		36	943	.08	46	77
23-60-0107	7594937	1427381	1-70	2	296	21,805	3.49	762	8	18,105	3.68	666	1-73		40	1,114	.01	42	81
23-60-0109	6780749	1347940	2-67	4	305	18,805	3.64	685	13	16,100	3.69	594	3-73		44	812	.00	29	57
23-60-0109	7314122	1427381	3-69	2	299	19,010	3.61	686	8	16,640	3.74	623	11-72		40	949	.02	38	70
23-60-0124	7325728	1347940	1-68	3	302	17,026	3.58	609	29	14,426	3.61	521	12-72		42	747	-.01	26	-52
23-60-0135	6475867	1347940	7-65	5	304	21,696	3.44	746	10	16,516	3.88	640	12-71		44	1,153	-.05	33	75
23-60-0135	6810795	1347940	12-66	5	304	18,130	3.55	644	10	14,918	3.98	593	1-73		44	858	-.04	24	55
23-60-0150	6241749	1347940	10-64	6	304	18,360	3.82	702	13	15,588	3.72	580	2-72		44	818	.02	33	61
23-60-0150	6941540	1347940	11-67	3	305	21,983	3.26	717	14	15,713	3.61	568	4-72		42	1,198	-.05	35	70
23-60-0150	6972973	1460855	10-67	3	305	18,973	3.66	695	12	15,340	3.79	581	9-72		33	737	-.01	25	51
23-60-0150	7158971	1347940	9-68	3	305	18,170	3.71	674	14	15,033	3.69	555	9-72		42	823	.01	31	59
23-60-0150	7450537	1427381	11-69	1	302	18,230	3.68	670	13	15,190	3.52	534	6-72		36	945	.05	42	74
23-61-0017	7421735	1427381	8-69	2	305	21,830	3.28	716	20	16,740	3.86	646	1-73		40	1,227	-.03	39	83
23-61-0017	7629496	1347940	2-70	1	305	18,820	4.24	798	26	17,070	3.81	650	11-72		36	665	.05	31	53
23-61-0039	5899379	1409864	9-65	6	305	19,268	3.82	737	21	15,177	3.66	556	1-72		35	766	.05	35	60
23-61-0039	6118364	1409864	8-64	6	305	19,265	4.27	822	24	14,892	3.68	548	2-72		35	800	.13	49	74
23-61-0039	7431652	1387978	10-69	2	305	20,705	3.05	632	14	16,380	3.60	590	3-73		40	869	-.08	19	51
23-62-0010	5484689	1300014	10-61	8	292	19,588	3.54	693	25	14,829	3.83	568	7-72		44	851	-.08	18	50
23-62-0010	7109292	1441440	5-68	3	305	19,123	3.74	716	28	14,986	3.80	570	2-73		42	780	.03	32	59
23-62-0010	7529102	1406271	1-70	1	305	18,760	3.91	733	25	14,530	3.89	565	4-72		36	712	.05	33	57
23-62-0017	5984159	1427615	11-63	5	301	19,164	3.86	740	60	14,046	3.75	527	6-72		44	1,054	-.05	30	66
23-62-0017	6750752	1441440	11-66	5	296	18,874	3.51	663	55	14,474	3.68	533	2-73		44	850	.00	31	61
23-62-0017	7376959	1427615	3-69	2	305	20,465	3.23	660	38	13,785	3.82	526	12-72		40	1,100	-.15	16	58
23-62-0017	7376967	1399824	6-69	2	305	16,365	4.25	695	46	13,895	3.70	514	10-72		40	551	.09	33	50
23-62-0017	7505713	1526128	11-69	1	236	17,240	3.53	609	52	14,250	3.55	506	2-72	H	33	946	-.08	21	56
23-62-0058	7404422	1526128	3-69	2	272	17,225	3.49	601	22	14,280	3.74	534	9-72	H	38	976	-.10	19	56
23-62-0062	6934021	1377954	7-67	4	304	18,698	4.01	750	22	16,680	3.64	608	11-72		44	624	.07	33	53
23-62-0062	7421075	1387978	8-69	2	305	21,050	3.39	713	24	17,345	3.68	638	12-72		40	826	-.04	23	53
23-62-0072	6793608	1320310	2-67	4	301	16,285	3.89	634	10	13,210	3.88	513	3-73		44	863	-.02	28	59
23-62-0075	7257408	1427381	10-68	2	305	16,065	3.53	567	29	13,865	3.71	514	11-72		40	875	.02	35	65
23-62-0075	7257409	1427381	12-68	2	305	17,810	3.34	594	29	13,290	3.70	492	8-72		40	1,099	-.00	39	77
23-62-0075	7627564	1427381	9-69	2	305	17,310	3.80	657	17	14,290	3.60	515	3-73		40	967	.06	44	76
23-62-0077	7262104	1387978	7-68	2	305	16,215	4.01	651	47	12,765	3.73	476	10-72		40	707	.03	30	54
23-62-0078	7060243	1410984	3-68	3	305	23,350	3.73	870	14	15,423	3.69	569	12-72		42	788	.05	36	62
23-62-0078	7269899	1348259	8-67	1	305	25,340	4.58	1161	14	16,860	3.57	602	10-72		36	938	.13	54	83
23-62-0078	7972568	1427381	1-70	2	290	20,025	3.88	777	16	15,595	3.72	580	12-72		40	1,137	.06	51	89
23-62-0081	7873433	1458744	3-70	1	305	21,800	3.44	751	13	16,210	3.66	594	9-72		36	865	-.03	27	58
23-62-0082	7980686	1441440	7-69	1	305	19,250	4.11	791	16	13,430	3.83	514	2-72		36	742	.06	36	60
23-62-0092	6157222	1423862	3-64	7	305	20,441	3.67	750	63	15,532	3.52	547	2-73		36	1,028	.00	37	73
23-62-0092	6198076	1423862	9-64	6	305	21,885	2.93	641	66	15,781	3.50	552	10-72		36	1,214	-.15	20	66
23-62-0092	6368760	1423862	2-65	5	305	22,550	2.97	670	60	15,498	3.48	539	7-72		36	1,348	-.14	26	77
23-62-0092	6441957	1423862	4-65	5	304	20,626	3.05	630	58	15,180	3.48	529	12-71		36	1,098	-.12	21	62
23-62-0092	6524983	1423862	12-65	4	301	19,510	3.58	698	61	15,350	3.46	531	12-71		35	890	-.01	30	61
23-62-0092	7236928	1300014	2-68	3	305	23,517	3.36	789	80	16,350	3.46	566	5-72		42	1,104	-.09	26	67
23-62-0092	7341104	1520417	12-68	2	305	20,435	3.80	777	72	17,135	3.39	581	5-72		29	971	.08	33	81
23-62-0092	7376494	1423862	1-69	2	305	23,540	3.40	800	66	17,245	3.39	585	4-72		30	1,101	-.04	33	72
23-62-0092	7436977	1520417	3-69	2	305	20,945	4.01	840	82	15,895	3.57	568	8-72		29	753	.10	42	66
23-62-0092	7503401	1520417	10-69	2	305	20,800	3.71	771	73	17,295	3.51	607	1-73		29	600	.06	30	50
23-62-0092	7503408	1427615	11-69	1	305	25,910	3.03	784	69	18,090	3.44	622	3-72		36	1,102	-.15	16	58
23-62-0092	7538183	1423862	1-70	1	305	24,660	3.46	854	74	16,190	3.72	603	8-72		24	1,094	-.05	31	70
23-62-0092	7791005	1559081	8-70	1	305	25,170	3.44	866	73	17,870	3.64	650	12-72		19	756	-.03	23	50
23-62-0092	7984459	1423862	9-70	1	305	23,870	3.37	804	69	17,500	3.66	640	12-72		24	930	-.07	29	57
23-62-0092	7985905	1552447	10-70	1	305	26,460	3.59	950	52	17,200	3.55	610	3-73		22	950	.01	36	69
23-62-0094	6580075	1306101	4-66	5	305	19,214	4.03	774	17	15,806	3.64	576	2-73		44	1,006	.04	43	77
23-62-0109	6686035	1347940	8-66	2	233	18,315	3.66	670	7	14,100	3.73	526	1-72		40	885	.00	32	63

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVG MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
23-62-0109	6711151	1347940	12-66	4	303	16,612	3.62	602	7	14,392	3.61	520	2-73		44	710	.00	26	$ 51
23-62-0109	6920555	1347940	2-67	3	299	20,086	3.98	800	9	14,176	3.70	525	4-73		42	1,122	.05	48	86
23-62-0109	6920556	1347940	2-67	3	247	17,166	3.98	684	7	14,826	3.80	564	6-72		42	726	.03	31	56
23-62-0109	7207883	1347940	1-68	2	236	18,735	4.04	757	7	13,910	3.76	523	2-72		40	943	.05	41	73
23-62-7035	6290005	1394439	7-63	2	305	21,025	3.71	779	17	15,790	3.52	556	1-73		25	692	.03	29	52
23-63-0023	4908611	1228022	9-58	9	305	19,983	3.77	754	19	15,267	3.81	581	5-72		44	1,156	-.04	35	76
23-63-0023	7037203	1458744	9-67	3	305	23,383	3.50	819	24	16,933	3.71	628	3-72		42	1,181	-.03	37	79
23-63-0024	6535867	1441440	12-64	6	302	19,390	3.77	731	36	14,050	3.89	547	12-72		44	960	.02	38	71
23-63-0024	7054524	1399824	8-67	3	295	16,053	4.70	755	28	14,233	3.74	533	3-73		42	505	.14	40	54
23-63-0024	7277468	1320310	1-69	2	305	18,100	3.59	649	27	13,895	3.75	521	3-73		40	960	-.05	27	62
23-63-0024	7545195	1320310	2-69	2	305	18,035	3.32	599	22	14,170	3.81	540	4-73		40	931	-.08	21	55
23-63-0024	7545197	1320310	3-69	2	296	17,190	3.56	612	42	14,665	3.76	551	12-72		40	805	-.05	21	50
23-63-0053	6930185	1494119	10-67	2	305	19,765	3.88	767	12	15,315	3.72	569	7-72		32	697	.04	31	54
23-63-0065	7096861	1441440	12-67	3	305	19,270	3.86	744	32	14,823	3.60	534	9-72		42	812	.06	39	66
23-63-0121	7276042	1458744	2-69	2	300	18,900	3.08	583	20	14,260	3.75	535	12-72		40	863	-.08	18	50
23-63-0152	6070274	1300014	1-64	7	290	18,183	3.71	675	15	12,994	3.86	501	8-72		44	859	-.06	22	53
23-64-0003	6822067	1347940	12-66	3	298	18,120	3.55	643	45	14,696	3.77	554	10-71		42	848	-.02	27	57
23-64-0003	6907532	1347940	9-67	4	294	17,437	3.80	663	46	14,277	3.71	530	12-72		44	823	.02	33	61
23-64-0003	7065481	1347940	12-67	3	305	17,166	3.46	594	33	14,353	3.76	539	5-72		42	770	-.03	23	51
23-64-0003	7291032	1347940	1-69	2	305	16,190	4.14	671	26	13,780	3.74	516	7-72		40	695	.05	33	56
23-64-0003	7349531	1347940	5-69	2	305	16,400	3.80	623	24	14,080	3.72	524	4-73		40	692	.01	27	51
23-64-0003	7473696	1347940	9-69	2	303	19,400	3.45	670	49	14,040	3.71	521	12-72		40	1,000	-.03	32	67
23-64-0003	7562013	1347940	3-70	1	305	16,240	4.13	671	35	13,610	3.66	498	9-72		36	679	.04	31	54
23-64-0004	6443205	1330987	1-66	5	299	19,300	3.77	727	19	16,484	3.68	606	4-73		44	653	.06	32	53
23-64-0004	6959406	1347940	11-67	3	299	17,853	3.88	692	20	15,663	3.73	585	6-72		42	728	.02	30	55
23-64-0004	7079293	1347940	3-68	3	302	21,126	3.51	742	26	16,080	3.80	611	10-72		42	1,066	-.03	33	71
23-64-0004	7120534	1347940	6-68	3	301	20,673	3.64	752	28	16,236	3.79	615	11-72		42	1,000	-.01	34	69
23-64-0004	7120535	1347940	7-68	3	305	19,380	3.83	743	21	16,576	3.75	622	2-73		42	820	.02	32	60
23-64-0004	7256547	1347940	8-68	2	305	18,545	3.90	723	18	16,625	3.79	630	3-72		40	703	.02	29	53
23-64-0011	6687475	1347940	11-66	4	303	19,575	3.79	741	13	15,837	3.78	598	2-72		44	933	.02	36	68
23-64-0045	6707759	1449195	10-66	5	298	20,676	3.18	657	32	14,698	3.75	551	9-72		32	950	-.10	18	54
23-64-0045	7447950	1458744	7-69	2	305	19,525	3.61	705	36	14,495	3.70	537	8-72		40	908	-.01	31	63
23-64-0045	7447958	1427381	12-69	1	305	20,840	3.56	741	35	13,860	3.82	530	2-72		36	1,219	.03	48	90
23-64-0050	6894266	1347940	8-67	3	282	19,223	4.30	826	22	15,576	3.86	602	2-73		42	894	.08	44	73
23-64-0050	7211201	1347940	8-68	2	305	17,545	3.82	671	29	15,370	3.86	593	8-72		40	704	.01	27	51
23-64-0061	7466249	1427381	12-69	2	289	18,155	3.44	624	17	13,755	3.81	524	11-72		40	1,096	.00	40	78
23-64-0083	6554064	1347940	10-65	6	303	18,381	3.81	701	13	15,860	3.78	599	9-72		44	793	.02	31	58
23-64-0083	6678272	1347940	1-66	6	293	17,526	4.02	704	11	15,291	3.83	585	12-72		44	741	.04	33	58
23-64-0083	6779250	1347940	9-66	5	296	17,916	3.92	702	12	15,240	3.81	580	3-73		44	797	.03	33	60
23-64-0083	7212681	1347940	11-67	3	294	18,293	4.07	745	13	15,726	3.76	591	12-71		42	773	.05	36	62
23-64-0109	6480919	1347940	9-65	4	305	15,750	4.13	650	22	14,130	3.93	556	9-71		44	630	.04	29	50
23-64-0109	6520010	1347940	10-65	5	304	18,778	3.64	684	27	14,136	3.90	552	10-72		44	1,022	-.02	34	70
23-64-0109	6631132	1347940	5-66	4	305	18,017	3.68	663	23	14,427	3.90	563	2-73		44	880	-.01	30	61
23-64-0109	7313332	1347940	7-68	3	295	18,193	4.02	732	26	14,626	3.79	554	11-72		42	863	.04	38	67
23-64-0109	7313334	1347940	10-68	3	296	16,756	3.75	628	26	14,403	3.82	550	12-72		42	718	.00	26	51
23-64-0116	6954186	1347940	11-67	4	301	19,387	3.99	774	19	16,440	3.86	635	12-72		44	851	.03	36	65
23-64-0188	7042595	1347940	5-67	3	305	16,783	3.75	629	29	14,376	3.66	526	3-72		42	723	.01	28	53
23-64-0188	7311925	1427381	8-68	2	210	17,115	3.53	605	28	13,935	3.69	514	5-72	B	40	976	.03	39	72
23-64-0189	7261107	1427381	8-68	1	305	18,730	3.66	685	8	14,440	3.66	528	8-71		36	1,027	.05	44	79
23-64-0199	6592712	1417208	12-64	5	301	19,534	3.80	743	8	14,556	3.71	540	1-72		44	949	.02	38	70
23-64-0200	6775944	1463651	9-66	3	305	20,530	3.82	784	28	15,963	3.65	583	11-72		29	689	.04	31	54
23-64-0200	6775949	1428368	11-66	3	297	21,360	3.75	802	19	15,960	3.68	588	11-72		32	807	.02	32	60
23-64-0200	7460163	1427381	9-69	1	305	19,980	3.49	697	33	16,350	3.61	590	9-72		36	1,006	.03	41	75
23-64-0203	6970515	1347940	1-68	2	305	16,180	3.84	621	22	12,115	3.58	434	2-72		40	829	-.03	35	63
23-64-0222	6544444	1347940	10-65	4	305	25,487	3.64	927	20	15,767	3.91	616	3-72		44	1,670	-.02	57	116
23-64-0222	6982712	1347940	9-67	4	300	20,610	3.77	777	15	16,725	3.93	658	12-72		44	974	-.01	34	68
23-64-0222	6982715	1347940	9-67	4	299	18,737	4.09	766	14	16,997	3.93	668	9-72		44	715	.04	32	56
23-64-0222	6994563	1347940	11-67	3	302	21,066	3.84	808	17	17,183	3.93	676	10-71		42	958	.00	35	68
23-64-0222	6994564	1347940	11-67	4	305	18,682	4.17	779	14	16,640	3.86	643	2-73		44	744	.06	36	60
23-64-0222	7145191	1383004	8-68	2	305	22,580	4.04	913	21	17,555	3.87	680	5-72		40	520	.14	40	55
23-64-0222	7271459	1347940	10-68	2	305	19,790	4.04	800	16	17,535	3.84	673	10-72		40	756	.04	33	58
23-64-0222	7271460	1347940	11-68	2	305	22,095	3.53	779	16	16,750	3.91	655	2-72		40	1,054	-.03	33	71
23-64-0222	7373496	1347940	10-68	3	299	21,433	3.52	755	16	17,206	3.88	668	10-72	B	42	998	-.04	30	66
23-64-0222	7373497	1347940	4-69	2	305	24,620	3.77	928	9	16,330	3.94	644	12-72		40	1,344	.00	49	96
23-64-0222	7373498	1347940	4-69	2	295	20,695	3.57	739	10	16,905	3.82	646	7-72		40	899	-.02	29	61
23-64-0226	6639818	1347940	11-66	3	305	16,236	4.02	653	15	14,086	3.82	538	1-72		42	687	.03	30	53
23-64-0226	6825249	1347940	3-67	2	305	19,850	3.56	706	12	13,860	3.83	531	6-72		40	1,060	-.02	35	72
23-64-0226	6971976	1347940	12-67	3	297	18,673	3.67	685	14	13,416	3.82	512	8-72		42	1,029	-.01	36	72
23-64-0226	6971977	1347940	1-68	3	305	16,840	4.17	703	14	14,276	3.79	541	6-72		42	739	.05	35	59
23-64-0226	7774145	1347940	2-69	2	305	16,905	4.03	682	8	13,530	3.75	507	3-73		40	788	.04	35	61
23-64-0238	7246175	1347940	1-69	2	297	18,170	3.58	651	12	14,665	3.61	530	8-72		40	824	.00	30	59
23-64-0247	6779622	1347940	1-67	4	298	18,210	3.25	591	9	14,530	3.68	535	3-72		44	894	-.05	24	56
23-64-0247	6869252	1347940	8-67	2	305	16,920	4.35	736	6	14,850	3.74	555	5-72		40	683	.07	36	58
23-64-0247	7096816	1347940	9-66	5	297	17,942	3.37	604	12	15,022	3.77	567	9-72		44	823	-.05	22	52
23-64-0268	6714007	1347940	11-66	4	305	18,715	3.83	717	11	16,440	3.64	598	5-72		44	768	.03	33	59
23-64-0268	6751406	1347940	7-66	4	298	19,807	3.70	733	19	16,452	3.68	606	9-72		44	901	.01	34	65
23-64-0268	7039355	1347940	8-67	3	222	19,066	3.44	656	20	16,236	3.66	594	1-72		42	815	-.03	25	54
23-64-0268	7404308	1427381	9-69	2	305	19,665	3.38	665	33	16,655	3.63	605	10-72		40	1,014	.01	38	73
23-64-0268	7419280	1427381	10-69	1	305	20,540	3.91	804	12	16,000	3.65	584	4-72		36	1,069	.07	49	85
23-64-0275	6572874	1347940	9-65	4	305	19,235	4.04	777	5	16,447	3.65	601	3-72		44	831	.07	40	67
23-64-0298	7204523	1347940	6-68	3	298	16,526	4.02	665	12	14,926	3.77	562	9-72		42	643	.04	29	50
23-64-0299	7171142	1493643	9-68	3	305	24,377	3.72	908	9	19,773	3.74	739	1-73		41	960	-.04	28	62
23-64-0299	7171143	1389471	10-68	3	304	25,567	4.00	1023	8	19,927	3.65	728	1-73		42	915	.05	41	72
23-64-0307	6855370	1347940	7-67	3	282	19,523	3.43	670	14	16,710	3.71	620	10-71		42	824	-.04	24	54
23-64-0308	6780455	1347940	10-66	3	284	20,320	3.78	769	5	16,096	3.97	639	7-72		42	972	-.01	34	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-64-0308	6780459	1347940	2-67	3	305	18,966	3.72	706	5	17,053	3.86	659	9-72	42	728	-.01	25	$ 51
23-64-0308	7001819	1347940	5-67	2	305	20,290	3.37	683	5	15,555	3.91	608	8-72	40	967	-.05	27	62
23-64-0308	7322709	1347940	10-68	1	305	18,880	4.03	760	7	17,080	3.96	676	1-72	36	669	.02	27	50
23-64-0308	7519003	1347940	4-68	3	305	18,183	3.96	720	5	16,433	3.91	643	8-72	42	695	.02	28	52
23-64-0313	6803169	1417208	1-67	2	305	19,420	3.96	769	5	14,030	3.76	528	12-72	40	866	.04	37	66
23-64-0314	6716358	1347940	4-66	3	300	17,066	3.86	658	9	14,480	3.87	560	8-72	42	746	.01	28	54
23-64-0314	7040907	1347940	8-67	3	282	17,186	3.51	604	10	14,376	3.82	549	10-72	42	770	-.03	23	51
23-64-0314	7241519	1347940	6-67	3	298	16,953	3.71	629	10	14,376	3.85	553	9-72	42	743	.00	26	52
23-64-0319	6775696	1347940	4-67	1	305	19,300	3.73	719	11	14,240	3.77	537	12-71	36	869	.00	32	62
23-64-0324	7059507	1347940	2-68	1	305	19,020	3.84	731	7	15,450	3.87	598	8-71	36	776	.01	29	56
23-64-0324	7238705	1347940	7-68	1	305	17,540	4.22	741	8	15,670	3.93	616	10-71	36	653	.04	29	51
23-64-0324	7238706	1347940	9-68	1	305	19,130	3.58	684	8	15,650	3.93	615	9-71	36	772	-.02	25	52
23-64-6001	7260879	1427381	11-68	2	291	17,180	3.61	620	25	14,725	3.67	541	9-72	40	919	.03	38	69
23-64-6001	7462684	1427381	7-69	2	305	20,235	3.15	637	17	15,575	3.56	555	2-73	40	1,160	-.02	39	80
23-64-6001	7526414	1427381	11-69	1	304	18,030	3.52	634	25	15,220	3.65	555	11-72	36	929	.03	38	70
23-64-6001	7540502	1427381	12-69	1	305	18,360	3.43	630	12	15,150	3.64	552	7-72	36	957	.02	38	71
23-64-6001	7540503	1427381	1-70	1	305	17,550	3.70	650	21	15,560	3.61	561	12-72	36	873	.05	39	68
23-64-6001	7774293	1427381	9-70	1	305	20,250	3.21	651	10	16,420	3.64	597	1-73	36	1,022	.00	37	73
23-64-6002	7715867	1427381	9-70	1	305	21,070	2.72	573	14	15,000	3.55	533	3-73	36	1,168	-.04	35	77
23-64-7065	6852934	1347940	11-66	1	305	19,240	3.60	693	11	15,960	3.69	589	1-72	36	762	.00	27	54
23-64-7065	6852935	1347940	2-67	2	301	21,265	3.98	847	12	15,510	3.66	568	1-73	40	1,072	.05	47	83
23-64-7065	6852938	1347940	4-67	1	305	24,420	3.69	901	11	15,960	3.69	589	1-72	36	1,148	.01	43	83
23-64-7065	6852939	1347940	6-67	2	303	18,105	3.81	690	12	15,510	3.66	568	1-73	40	749	.03	31	56
23-64-7065	7132410	1347940	8-67	2	305	18,055	3.70	668	8	15,730	3.64	573	3-73	40	726	.01	28	53
23-64-7065	7132411	1347940	9-67	2	305	18,335	3.37	617	14	15,565	3.62	564	12-72	40	768	-.02	24	51
23-64-7065	7132412	1347940	8-68	2	289	19,815	3.33	659	11	15,590	3.68	573	2-73	40	916	-.04	27	60
23-64-7065	7132414	1347940	3-68	1	305	21,450	3.47	745	5	14,870	3.62	538	4-73	36	992	-.01	34	69
23-64-7065	7289618	1347940	7-68	1	305	19,670	3.95	777	9	15,590	3.67	572	2-72	36	816	.03	34	62
23-64-7065	7622519	1347940	12-68	1	305	17,040	4.06	692	14	15,140	3.70	560	9-72	36	647	.04	29	51
23-64-7065	8037469	1347940	5-70	1	305	17,690	3.67	650	14	15,140	3.70	560	9-72	36	695	.01	26	50
23-65-0011	6784367	1441440	11-66	4	304	18,782	3.83	719	21	14,675	3.78	554	1-72	44	798	.04	35	62
23-65-0011	6784368	1441440	3-67	4	305	19,145	3.62	694	22	14,865	3.71	552	9-72	44	824	.02	32	60
23-65-0011	7494121	1441440	9-69	2	305	19,660	3.94	775	13	15,550	3.86	601	3-73	40	743	.05	34	59
23-65-0022	5622393	1189870	2-62	8	303	21,583	3.84	829	11	17,829	3.69	658	11-72	44	722	.05	33	57
23-65-0067	6573449	1441440	3-66	4	297	16,812	3.92	659	13	13,487	3.72	502	4-72	44	672	.06	33	55
23-65-0069	6198389	1431570	10-64	6	305	19,582	3.74	732	31	14,685	3.70	544	10-72	32	778	.02	31	58
23-65-0069	6697591	1399824	10-66	5	301	19,048	3.56	678	47	15,380	3.71	571	9-72	44	787	.00	28	55
23-65-0069	6837556	1399824	12-66	4	291	19,683	3.59	707	48	15,723	3.70	582	11-72	44	814	.00	30	58
23-65-0069	6837560	1399824	3-67	5	297	19,804	4.14	820	43	15,732	3.68	579	11-72	44	848	.10	46	73
23-65-0069	6837562	1399824	5-67	4	299	20,073	3.33	669	29	15,560	3.70	575	11-72	44	878	-.04	26	57
23-65-0069	6950480	1309574	1-68	3	305	20,510	3.59	737	38	16,603	3.71	616	12-72	42	696	.03	29	58
23-65-0069	7518678	1512026	1-70	2	304	21,180	3.36	712	41	16,890	3.71	626	12-72	39	922	-.06	24	58
23-65-0080	6550548	1347940	5-66	5	286	16,646	3.68	613	17	12,768	3.64	465	8-72	44	888	.01	33	64
23-65-0080	7258490	1427381	9-68	3	305	16,906	3.34	565	10	13,410	3.56	477	4-73	42	1,019	.01	38	73
23-65-0114	7187803	1427381	10-68	3	298	15,980	4.02	643	8	13,886	4.05	562	1-73	42	869	.05	39	68
23-65-0115	7045415	1441440	4-68	3	305	17,416	3.62	630	15	11,933	3.93	469	10-72	42	865	.01	32	62
23-65-0154	7254093	1427381	11-68	2	305	18,680	3.77	704	17	14,080	3.71	523	12-72	40	1,123	.05	48	86
23-65-0159	7244882	1427381	11-68	2	305	20,315	3.78	767	8	16,800	3.88	652	10-71	40	1,068	.04	44	80
23-65-0159	7622375	1427381	3-70	2	305	25,245	3.34	842	7	17,615	3.70	652	3-73	40	1,502	-.01	52	105
23-65-0170	6943486	1399824	8-67	4	305	22,690	3.55	806	28	16,583	3.87	642	1-73	44	1,101	-.02	36	75
23-65-0182	6472421	1309574	2-66	5	304	16,366	4.12	674	22	13,544	3.70	501	10-72	44	530	.11	35	51
23-65-0182	7574124	1441440	4-70	1	305	19,710	3.37	665	23	13,990	3.73	522	7-72	36	743	.00	26	52
23-65-0187	7173175	1441440	6-68	2	305	18,715	3.81	713	13	15,275	3.55	543	6-72	40	669	.06	33	55
23-65-0188	5991361	1415405	9-63	6	302	21,570	3.74	807	22	16,528	3.70	612	3-72	44	847	-.01	29	59
23-65-0188	7739577	1527683	7-70	1	305	22,410	2.97	666	6	11,360	3.64	413	10-72	19	988	-.09	22	59
23-66-0001	5733780	1189870	12-62	8	259	20,634	3.42	705	20	16,270	3.57	581	4-72	44	761	-.02	25	52
23-66-0001	6684860	1347940	8-66	4	305	18,905	3.54	670	25	16,815	3.79	638	11-72	44	754	-.03	23	50
23-66-0001	7656700	1441440	11-69	2	305	21,100	3.65	771	30	16,935	3.94	667	1-73	40	776	.00	28	55
23-66-0001	7677525	1428104	3-70	1	305	21,650	3.91	847	37	15,660	3.90	610	10-72	36	928	-.05	25	59
23-66-0004	6244251	1207770	11-64	6	305	22,923	3.65	836	34	17,335	3.66	635	1-73	44	712	.01	27	52
23-66-0004	6708346	1347940	10-66	5	298	22,194	3.44	764	31	17,542	3.71	651	2-73	44	1,111	-.04	34	74
23-66-0004	6708350	1347940	1-67	4	305	20,167	3.47	700	26	17,150	3.63	622	4-72	44	877	-.02	28	59
23-66-0004	6836667	1347940	12-66	4	302	21,975	4.14	909	26	17,307	3.70	641	12-72	44	1,085	.08	52	86
23-66-0004	6839895	1347940	6-67	3	302	20,096	3.95	793	19	16,616	3.65	607	5-72	42	898	.05	40	70
23-66-0004	6873440	1347940	8-67	4	298	19,497	3.84	748	21	16,952	3.77	639	8-72	44	814	.02	33	61
23-66-0004	7276831	1347940	3-69	2	305	21,505	3.77	811	26	17,555	3.84	674	11-72	40	928	.00	34	66
23-66-0004	7353341	1347940	6-69	1	305	20,810	4.08	849	29	17,160	3.83	657	9-72	36	808	.04	35	62
23-66-0004	7480696	1347940	12-69	2	290	21,765	3.76	819	30	18,185	3.79	690	12-72	40	903	.01	34	65
23-66-0004	7481529	1427381	11-69	2	305	20,065	3.92	786	39	18,215	3.78	688	11-72	40	928	.06	43	74
23-66-0004	7752125	1427381	8-70	1	305	19,250	4.00	770	29	17,290	3.72	644	8-72	36	896	.07	43	72
23-66-0004	7752135	1347940	10-70	1	305	21,390	3.33	713	30	17,890	3.82	684	11-72	36	807	-.04	23	52
23-66-0014	6733683	1347940	12-66	4	305	17,042	4.31	734	16	14,960	3.88	580	8-72	44	707	.08	37	60
23-66-0014	6766663	1347940	4-66	4	293	18,127	3.83	695	9	15,937	3.93	626	3-73	44	745	.00	27	53
23-66-0014	7424329	1387978	2-68	3	305	19,140	4.39	841	10	15,653	3.81	597	1-73	42	806	.09	43	69
23-66-0014	7743639	1432733	4-69	1	305	23,170	3.62	839	16	15,450	3.77	582	4-72	36	907	-.02	30	62
23-66-0014	7852383	1387978	6-69	2	305	20,000	3.60	719	19	14,590	3.96	580	9-72	40	943	-.03	29	63
23-66-0024	7275672	1471956	9-68	2	305	19,650	3.60	708	18	14,570	3.71	541	12-72	39	856	-.02	28	58
23-66-0024	7495980	1427381	12-69	1	305	21,720	3.72	808	27	14,760	3.88	573	8-72	36	1,231	.04	50	92
23-66-0046	7684320	1427381	1-70	1	305	18,200	3.80	691	9	11,910	3.93	468	8-72	36	1,138	.04	48	87
23-66-0080	6452651	1347940	1-66	5	305	18,456	3.68	680	12	13,988	3.67	514	5-72	44	996	.01	37	72
23-66-0085	6672864	1453516	1-66	4	305	19,833	3.57	709	27	14,428	3.62	523	6-72	33	940	-.01	32	65
23-66-0085	6751521	1347940	10-66	3	301	19,910	3.70	736	29	13,983	3.62	506	1-72	42	1,119	.01	42	81
23-66-0085	7012431	1493686	1-68	4	305	18,342	4.06	745	30	15,345	3.55	544	12-72	44	742	.10	42	65
23-66-0085	7485845	1458744	9-69	1	305	18,760	3.02	566	21	13,670	3.37	461	6-72	36	790	-.05	21	50
23-66-0088	7218620	1387978	11-68	1	305	20,960	2.95	618	13	14,740	3.74	551	11-72	36	885	-.08	19	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
23-66-0106	6785375	1347940	4-67	2	267	21,565	3.45	743	11	14,085	3.65	514	9-72	40	1,216	-.02	40	$ 83
23-66-0117	7684122	1347940	7-70	1	305	16,910	4.33	732	11	15,220	3.79	577	6-72	36	633	.05	31	52
23-66-0117	7764461	1347940	8-70	1	305	18,020	4.45	801	11	14,060	3.97	558	8-72	36	784	.06	37	63
23-66-0117	7805403	1347940	10-70	1	305	18,910	3.69	697	10	14,900	3.77	561	3-73	36	801	.00	29	57
23-66-0117	7917649	1471956	3-71	1	305	20,060	3.80	763	16	14,780	3.82	565	2-73	35	760	.00	28	54
23-66-0123	6685729	1347940	10-66	2	299	20,845	3.68	768	26	15,880	3.68	584	10-72	40	997	.01	37	72
23-66-0123	6949122	1347940	8-67	2	305	19,725	3.42	675	26	16,020	3.68	589	10-72	40	872	-.03	27	58
23-66-0123	6949124	1347940	8-67	1	305	21,360	3.29	703	22	16,400	3.68	603	12-71	36	894	-.03	27	59
23-66-0123	6949127	1347940	8-67	2	290	18,305	3.51	642	21	15,745	3.77	593	12-72	40	750	-.02	24	51
23-66-0123	6949129	1347940	9-67	1	305	21,090	3.41	719	25	16,800	3.64	612	11-71	36	850	-.02	28	58
23-66-0127	7473009	1347940	1-70	1	305	16,030	3.44	552	15	12,200	3.64	444	7-72	36	747	-.01	25	51
23-66-0128	7541231	1447414	10-69	1	305	19,610	3.37	660	14	16,810	3.68	618	2-73	36	848	-.05	22	53
23-66-0133	7848267	1458744	10-70	1	305	25,170	3.29	827	11	15,860	3.76	597	2-73	36	1,137	-.06	32	73
23-67-0003	5339055	1189870	7-60	9	305	19,659	3.84	754	25	14,536	3.80	553	11-72	44	814	.03	34	62
23-67-0003	5708121	1189870	8-62	7	302	23,894	3.57	854	30	14,884	3.71	552	3-72	44	1,324	.00	47	93
23-67-0003	7481216	1347940	7-69	1	305	17,670	4.04	713	38	15,380	3.82	588	1-72	36	680	.03	29	52
23-67-0004	6452596	1406271	10-65	2	301	24,160	3.89	939	26	18,085	3.73	675	8-72	40	1,062	.07	49	84
23-67-0004	6649999	1441440	2-66	3	303	22,260	3.82	850	16	19,790	3.82	756	1-73	42	699	.03	30	54
23-67-0004	6950940	1441440	8-67	3	305	25,443	4.08	1038	20	19,380	3.78	732	11-72	42	1,103	.09	54	90
23-67-0004	6961884	1399824	9-67	3	305	26,467	3.79	1002	16	19,820	3.80	753	3-72	42	1,189	.03	48	89
23-67-0004	7026889	1463078	1-67	3	305	26,066	3.48	908	23	19,213	3.66	703	2-73	32	1,119	-.04	34	74
23-67-0021	7619398	1347940	12-69	2	305	17,905	3.56	638	18	15,440	3.48	538	3-73	40	735	.01	28	53
23-67-0067	5782063	1189870	1-63	7	305	24,444	3.60	880	19	18,774	3.76	706	3-72	44	994	-.01	34	69
23-67-0067	7184056	1500892	8-68	3	305	26,567	3.53	937	29	19,217	3.92	753	10-72	29	1,179	-.06	33	76
23-67-0067	7358506	1399824	5-69	2	305	21,750	4.53	986	25	19,920	3.88	773	8-72	40	609	.13	41	59
23-67-0067	7445686	1427708	9-69	2	305	26,560	3.68	978	29	19,850	3.92	779	9-72	40	920	-.05	26	59
23-67-0067	7536385	1399824	1-70	1	305	25,680	3.42	879	20	21,140	3.87	819	5-72	36	771	-.02	24	51
23-67-0067	7666655	1441440	7-70	1	305	26,120	3.68	960	31	20,200	3.91	790	12-72	36	850	.01	32	61
23-67-0079	7045939	1427615	11-67	3	305	23,303	3.31	772	17	17,560	3.72	654	9-72	42	1,152	-.14	19	63
23-67-0079	7597037	1399824	9-68	3	299	21,327	3.68	784	16	17,557	3.61	634	10-72	42	806	.03	34	61
23-67-0111	6413693	1452607	8-65	5	305	18,664	3.45	643	36	14,324	3.59	514	9-72	41	918	-.04	27	60
23-67-0112	6778406	1441440	12-66	4	305	18,380	3.86	710	28	16,600	3.47	576	2-72	44	558	.08	32	50
23-67-0127	6998440	1415405	1-68	3	301	22,080	3.04	671	9	15,457	3.54	547	7-72	42	934	-.11	17	52
23-67-0160	6788773	1402118	3-67	4	300	22,445	3.29	739	19	16,985	3.79	644	10-72	43	886	-.10	17	50
23-67-0161	5090576	1189870	1-60	5	305	21,324	3.72	793	10	15,166	3.82	579	6-72	44	964	.01	36	69
23-67-0161	6897913	1399824	2-67	1	305	22,100	3.82	845	20	14,170	3.82	542	9-72	36	920	.03	38	69
23-67-0161	6946006	1399824	12-66	1	305	20,830	3.80	791	19	15,390	3.67	565	5-72	36	753	.04	33	58
23-67-0182	5992713	1189870	11-63	6	305	21,860	3.83	838	32	15,220	3.59	547	2-73	44	1,027	.05	45	79
23-67-0182	7295926	1399824	9-68	3	300	19,407	4.15	806	39	16,247	3.58	582	11-72	42	706	.10	41	63
23-67-0182	7502714	1441440	10-69	2	294	20,825	3.54	737	43	16,500	3.65	602	10-72	40	784	.01	30	57
23-67-0186	7049799	1399824	8-67	3	244	21,043	3.60	758	22	16,657	3.63	604	4-73	42	856	.01	33	62
23-67-0186	7337427	1512491	5-69	2	305	22,710	3.31	751	25	15,610	3.78	590	10-72	25	923	-.07	22	56
23-67-0201	7002898	1483228	8-67	4	305	19,615	3.66	717	19	14,860	3.74	556	1-73	30	730	.00	26	51
23-67-0201	7152731	1427381	6-68	2	305	17,480	3.85	673	17	14,280	3.75	536	5-72	40	985	.05	44	77
23-67-0201	7450880	1427381	8-69	2	305	19,150	4.01	768	18	14,655	3.60	528	12-72	40	1,124	.09	54	91
23-67-0201	7509817	1427381	8-69	2	299	15,700	3.52	553	10	13,955	3.47	484	3-73	40	831	.04	36	64
23-67-0201	7523533	1427381	1-70	1	305	19,770	3.34	661	16	13,670	3.69	505	7-72	36	1,151	.01	43	83
23-67-0201	7523534	1427381	1-70	1	305	17,190	4.39	755	14	13,470	3.61	486	5-72	36	970	.10	51	82
23-67-0207	6367612	1309574	9-65	5	305	20,444	4.36	891	27	16,608	3.86	641	3-72	44	739	.14	48	70
23-67-0207	6499002	1461227	11-65	5	305	19,734	4.23	835	25	16,206	4.00	648	1-73	32	610	.08	34	53
23-67-0207	6499003	1461227	1-66	4	305	21,245	4.04	858	24	15,833	4.02	637	1-73	30	860	.04	37	66
23-67-0207	7027080	1399824	1-68	4	297	19,425	4.22	819	30	16,835	3.91	658	3-73	44	672	.08	37	58
23-67-0207	7201239	1513217	7-68	3	305	18,660	4.43	826	15	15,656	4.10	642	10-72	32	620	.10	38	57
23-67-0207	7807748	1447141	1-71	1	305	23,700	4.34	1029	14	16,420	3.71	610	4-73	36	728	.13	46	68
23-67-0226	7515566	1427381	7-69	2	269	16,575	3.84	636	25	13,230	3.67	486	7-72	40	979	.06	44	77
23-67-0226	7871313	1427381	7-69	2	266	15,770	3.59	566	29	13,295	3.68	489	8-72	40	892	.03	37	67
23-67-0249	6624170	1309574	5-66	4	305	20,820	3.37	702	15	16,780	3.75	630	12-72	44	749	-.01	25	51
23-67-0249	6806214	1458744	10-66	4	305	18,975	3.92	744	9	15,605	3.86	602	8-72	44	818	.02	32	60
23-67-0249	6941317	1320310	8-67	4	304	19,998	3.45	690	13	16,213	3.76	609	4-73	44	1,025	-.08	25	63
23-67-0249	7289122	1441440	12-68	2	299	19,650	4.14	813	20	16,300	3.77	615	9-72	40	681	.08	37	59
23-67-0249	7289123	1441440	12-68	3	304	20,513	3.66	750	22	17,283	3.66	633	1-73	42	729	.02	30	55
23-67-0249	7289134	1399824	4-69	2	305	19,335	3.48	673	15	15,355	3.84	589	8-72	40	734	-.02	24	50
23-67-0260	7081528	1337741	10-67	4	299	20,088	3.94	791	20	16,180	3.69	597	1-73	44	684	.05	33	55
23-67-0266	7460126	1309574	8-69	2	305	18,100	4.47	809	19	14,555	3.86	562	3-73	40	566	.13	40	57
23-67-0271	6516510	1450228	2-66	5	302	16,336	3.84	628	17	14,102	3.68	519	1-73	44	717	.01	27	52
23-67-0271	6618768	1347940	7-66	4	305	18,180	3.81	692	19	13,762	3.71	510	3-72	44	966	.02	38	71
23-67-0271	6618770	1347940	9-66	4	300	16,812	3.71	624	19	13,480	3.68	496	9-71	44	825	.01	31	60
23-67-0271	7304435	1441440	4-67	3	305	17,636	3.80	670	14	15,046	3.59	540	7-72	42	604	.05	30	50
23-67-0271	7404740	1399824	11-67	3	305	17,933	4.14	742	15	15,490	3.53	547	5-72	42	606	.10	37	56
23-67-0271	7421569	1347940	12-67	3	302	17,766	3.89	691	17	14,786	3.60	532	3-72	42	799	.04	35	62
23-67-0271	7817049	1347940	5-69	2	305	19,705	3.32	654	16	15,020	3.60	540	2-73	40	951	-.03	29	63
23-67-0272	6839730	1347940	7-67	3	305	20,680	3.62	748	12	14,690	3.76	552	10-72	42	1,143	-.01	39	79
23-67-0274	6989207	1458744	12-67	3	305	17,560	4.24	745	13	15,323	3.62	554	7-72	42	660	.08	36	57
23-67-0274	7751140	1458744	7-70	1	305	20,160	3.62	730	18	15,640	3.67	574	1-73	36	777	-.01	26	53
23-67-0274	7878588	1399824	2-70	1	305	20,410	3.59	732	19	14,830	3.78	560	9-72	36	755	.01	29	55
23-67-0282	7679025	1427381	3-70	1	305	19,150	4.05	776	9	14,490	3.86	560	7-72	36	1,055	.06	48	83
23-67-0282	7679026	1427381	7-70	1	305	17,890	4.14	741	9	14,490	3.91	566	8-72	36	962	.07	45	77
23-67-0292	6160776	1320310	7-64	6	305	17,230	3.63	626	8	15,407	3.62	557	6-72	44	766	-.03	23	50
23-67-0292	6688867	1320310	4-66	4	305	17,783	4.03	717	14	15,440	3.59	555	2-73	44	827	.03	34	62
23-67-0292	7213969	1427381	8-68	2	305	19,925	3.80	758	15	15,660	3.52	551	1-72	40	1,121	.07	51	88
23-67-0293	5682312	1347940	3-62	5	305	19,766	3.92	774	29	15,124	3.60	545	9-71	44	1,048	.05	46	81
23-67-0293	6272176	1314369	10-64	6	305	21,438	3.78	811	24	15,562	3.66	570	10-72	43	802	.03	33	60
23-67-0293	6471245	1347940	9-65	3	222	18,826	4.48	844	18	16,106	3.84	619	2-73	42	799	.10	44	69
23-67-0293	7450067	1441440	9-69	2	305	22,625	3.40	769	26	16,710	3.94	658	11-72	40	950	-.03	29	63
23-67-0296	6961799	1417208	8-67	4	291	20,350	3.45	703	43	15,828	3.47	549	1-73	44	901	.00	32	63

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
23-67-0296	7251278	1337741	1-69	3	303	19,247	3.26	628	12	13,310	3.79	504	12-72		42	819	-.05	21	$ 51
23-67-0298	7695028	1447414	7-70	1	305	20,810	2.81	585	25	16,150	3.49	564	10-72		36	977	-.10	19	56
23-67-0303	6722945	1347940	6-66	3	209	18,046	3.75	677	19	16,240	3.66	594	7-72		42	697	.02	28	52
23-67-0303	6839216	1399824	7-67	3	295	19,500	3.74	729	23	15,070	3.67	553	9-72		42	825	.03	35	63
23-67-0303	7487566	1347940	3-69	1	305	19,490	3.70	722	20	15,840	3.65	578	3-72		36	788	.01	30	57
23-67-0310	7050922	1337741	3-68	3	305	19,277	4.02	774	13	15,720	3.68	578	1-73		42	601	.06	31	50
23-67-0316	7442312	1458744	9-68	1	305	18,540	4.30	798	22	14,060	3.73	524	8-71		36	751	.05	34	59
23-67-0316	7600021	1347940	8-69	1	305	19,990	3.52	703	14	16,030	3.82	612	12-71		36	814	-.02	26	55
23-67-0316	7604661	1347940	6-69	1	131	17,710	3.82	677	13	15,460	3.43	530	6-72	B	36	678	.03	29	52
23-67-0330	7341338	1512026	1-69	2	305	17,740	3.79	673	9	13,390	3.56	477	2-73		39	856	.01	33	62
23-67-7032	7185218	1427615	4-68	2	305	20,850	4.10	855	17	16,265	3.68	599	5-72		40	938	-.02	30	63
23-67-7032	7380559	1320310	3-69	1	305	18,700	3.26	610	51	14,890	3.56	530	9-72		36	872	-.07	21	53
31-02-0001	6604740	1236789	4-66	2	219	19,380	3.66	709	29	15,575	3.67	571	1-72		40	702	.00	26	50
31-02-0007	7027247	1308101	11-67	4	303	21,468	3.25	697	13	17,273	3.66	633	11-72		44	1,127	-.09	27	68
31-02-0320	7442427	1386859	10-69	2	294	18,100	3.51	635	40	12,395	3.38	419	10-72		40	765	.02	31	57
31-03-0011	7415306	1355784	7-69	1	305	21,220	3.48	738	13	14,280	3.84	548	5-72		35	1,002	-.09	22	59
31-03-0016	7447512	1458744	10-69	2	305	17,590	3.84	676	8	14,375	3.73	536	1-73		40	721	.01	28	53
31-03-0019	6371474	1355784	7-65	6	301	17,338	3.62	627	18	13,726	3.77	517	2-73		44	870	-.07	20	52
31-03-0019	6618231	1442585	10-65	5	300	18,642	3.61	673	23	13,554	3.74	507	2-72		36	797	-.01	27	55
31-03-0026	6052196	1404570	9-63	7	305	21,367	3.27	699	7	14,314	3.74	535	1-73		34	1,273	-.10	30	77
31-03-0026	7297195	1490466	3-69	3	302	21,380	3.86	826	11	16,593	3.52	584	3-73		33	502	.11	35	50
31-03-0028	7003155	1355784	1-68	4	303	23,745	3.18	756	22	17,137	3.69	632	3-73		43	1,314	-.15	24	74
31-03-0028	7161061	1338728	7-68	3	305	20,563	4.13	849	47	16,050	3.61	580	12-72		42	439	.17	42	53
31-03-0028	7728085	1450228	11-70	1	305	22,480	3.14	706	25	18,610	3.52	655	3-73		36	853	-.06	21	52
31-03-0083	7388215	1493686	7-69	2	305	18,930	3.82	723	29	14,780	3.61	533	12-72		40	799	.05	37	64
31-03-0083	7489291	1500404	11-69	1	305	22,320	3.36	751	32	16,830	3.62	609	1-72		35	909	-.10	17	51
31-03-0085	6426349	1271810	10-65	5	305	20,882	3.39	707	13	16,886	3.57	603	12-72		44	848	-.07	20	51
31-03-0085	7728087	1450228	12-70	1	305	24,260	3.15	763	9	16,840	3.56	599	3-73		36	1,091	-.07	28	68
31-03-0085	7728088	1450228	12-70	1	305	20,750	3.68	764	9	16,840	3.56	599	3-73		36	829	-.01	28	57
31-03-0086	6158651	1392858	4-64	6	305	18,438	4.05	746	15	14,570	3.79	552	8-72		44	657	.08	36	57
31-03-0086	7356410	1387978	2-69	2	305	17,840	3.96	706	25	14,730	3.86	568	10-72		40	712	.02	28	52
31-03-0095	6271576	1406271	11-64	5	305	21,202	3.47	736	28	15,492	3.61	559	6-72		44	1,108	.01	41	79
31-03-0095	7171281	1406271	8-68	3	301	21,177	3.51	744	31	16,657	3.58	597	2-73		42	928	.02	36	68
31-03-0106	7338426	1493686	4-69	2	305	17,150	4.30	738	11	14,585	3.77	550	4-73		40	634	.09	37	57
31-03-0106	7387646	1355784	4-69	2	305	18,730	3.35	628	19	13,085	3.82	500	1-73		40	998	-.11	19	56
31-03-0106	7387652	1406271	9-69	1	305	19,640	3.69	725	20	14,860	3.91	581	4-72		36	758	.02	31	57
31-03-0134	7434065	1493686	10-69	1	305	18,600	4.28	796	12	15,860	3.71	588	1-73		36	621	.08	35	55
31-03-0134	7809457	1406271	4-70	1	305	18,390	3.82	702	12	15,070	3.74	563	10-72		36	652	.05	31	53
31-03-0300	7206257	1493686	9-68	2	305	21,585	3.41	735	46	15,830	3.52	557	6-72		40	983	.00	36	70
31-03-0300	7334110	1533204	12-68	2	305	21,730	3.16	687	38	15,270	3.50	534	10-72		29	839	-.07	20	51
31-03-0300	7428851	1533204	9-69	2	305	21,535	3.20	690	36	15,215	3.46	526	11-72		29	821	-.06	21	51
31-03-0300	7442297	1447141	11-69	1	305	23,230	3.37	782	44	16,230	3.41	553	2-72		36	705	.04	31	55
31-03-0300	7723309	1406271	6-70	1	305	18,720	3.76	704	49	14,990	3.44	516	8-72		36	682	.06	34	56
31-03-0330	6869782	1406271	6-67	4	305	17,688	3.88	687	21	15,123	3.81	576	12-72		44	683	.06	33	55
31-03-0330	7059331	1406271	12-67	3	305	17,840	3.94	703	30	15,553	3.84	598	7-72		42	646	.06	32	53
31-03-0330	7563140	1499501	5-70	1	305	21,130	3.84	811	30	15,040	3.83	576	9-72		33	663	.03	28	50
31-03-0495	6207478	1355784	1-64	7	299	19,274	3.11	599	25	14,861	3.47	516	11-72		44	1,004	-.13	16	54
31-03-0495	6882178	1493686	7-67	4	301	17,027	3.68	626	23	13,067	3.53	461	8-72		44	804	.04	35	62
31-03-0495	7016445	1406271	9-67	2	305	17,720	3.69	653	20	14,880	3.53	526	1-72		40	668	.05	32	54
31-03-0495	7621440	1493686	2-70	1	305	19,110	3.01	576	14	14,190	3.57	507	4-72		36	759	-.02	24	51
31-03-9040	6111139	1406271	8-64	5	305	19,404	3.34	649	31	15,012	3.61	542	7-72		44	925	-.01	32	64
31-03-9040	7010505	1355784	1-68	3	305	19,280	3.16	610	39	14,400	3.64	524	11-72		42	1,002	-.13	16	54
31-03-9040	7010508	1493686	12-67	3	305	19,536	3.86	754	38	14,883	3.63	540	6-72		42	903	.06	42	72
31-03-9040	7661259	1406271	5-70	1	294	19,430	3.20	622	39	13,980	3.43	480	8-72		36	795	.01	30	57
31-03-9084	6801529	1406271	2-67	4	304	18,078	3.72	672	45	16,058	3.58	575	5-72		44	638	.05	31	52
31-03-9084	7074834	1406271	10-67	4	305	23,968	3.78	905	46	16,990	3.56	604	2-73		44	1,274	.07	57	100
31-03-9084	7143531	1493686	6-68	3	305	17,573	4.30	755	55	16,073	3.60	578	7-72		42	568	.12	38	55
31-03-9084	7380644	1406271	12-68	2	305	22,365	3.28	733	44	16,780	3.55	596	2-72		40	985	-.01	34	69
31-03-9084	7380647	1493686	12-68	3	305	23,390	3.33	778	46	16,933	3.52	596	2-73		42	1,158	-.02	39	80
31-03-9084	7425245	1493686	8-69	1	305	20,790	3.31	689	43	17,040	3.38	576	2-72		36	714	.02	28	53
31-03-9084	7542040	1544835	6-69	2	305	18,955	3.68	698	73	15,585	3.55	554	9-72		29	696	.01	27	51
31-03-9084	7542041	1544835	6-69	2	305	22,820	3.55	809	65	15,980	3.54	565	12-72		29	1,126	-.01	39	78
31-03-9084	7542044	1544835	8-69	2	277	20,175	3.64	734	70	15,690	3.55	557	9-72		29	834	.01	31	60
31-03-9084	7542046	1544835	8-69	2	305	20,065	3.35	672	61	16,165	3.54	572	1-73		29	775	-.04	22	50
31-03-9084	7542047	1544835	8-69	1	305	23,650	3.45	816	69	15,760	3.49	550	11-71		23	1,022	-.02	33	69
31-03-9084	7542055	1493686	5-69	2	305	19,115	3.36	643	73	15,865	3.52	558	8-72		40	730	.00	27	52
31-03-9084	7599831	1544835	3-70	1	305	22,360	3.24	724	51	16,960	3.40	576	2-72		23	818	-.04	23	53
31-03-9084	7599841	1493686	12-68	2	305	19,530	3.60	704	39	16,610	3.64	605	5-72		40	712	.02	29	53
31-03-9084	7599843	1493686	12-68	2	305	19,615	3.98	780	61	16,205	3.63	589	9-72		40	753	.07	38	62
31-03-9084	7725275	1466757	10-70	1	305	21,180	3.31	701	89	16,180	3.57	577	10-72		34	831	-.04	24	54
31-03-9084	7725276	1447414	8-70	1	305	24,220	3.41	826	52	15,640	3.61	565	6-72		36	1,261	-.05	37	82
31-03-9120	6956136	1406271	11-67	3	305	16,787	3.94	661	44	14,303	3.64	520	6-72		42	640	.07	34	55
31-03-9120	7227879	1493686	10-68	2	305	17,415	3.90	680	53	13,405	3.63	486	1-72		40	757	.06	36	61
31-03-9120	7290498	1513717	3-69	2	305	17,605	3.57	628	43	13,285	3.68	489	8-72		30	841	-.05	23	53
31-03-9120	7290499	1513717	3-69	2	305	22,140	3.13	693	39	13,920	3.64	506	10-72		30	1,314	-.11	29	78
31-03-9120	7290500	1513717	3-69	2	305	19,225	2.96	570	37	14,105	3.62	511	11-72		30	954	-.13	14	50
31-03-9120	7646979	1513717	4-69	1	305	19,290	3.39	653	44	13,340	3.79	506	8-71		25	896	-.07	21	54
31-03-9120	7646994	1406271	10-69	1	305	16,150	3.86	624	51	12,920	3.61	467	1-72		36	614	.06	31	51
31-04-0033	7176274	1473083	12-66	3	292	18,200	3.58	652	16	13,330	3.71	494	12-72		32	736	.00	26	52
31-04-0033	7176275	1473083	1-67	4	287	18,175	3.62	658	15	13,952	3.69	515	9-72		34	703	.00	26	50
31-04-0039	7425493	1308101	9-69	2	305	20,490	3.46	709	40	16,730	3.44	576	11-72		40	1,001	-.03	32	68
31-04-0039	7734058	1308101	10-70	1	305	19,920	3.19	636	39	16,620	3.44	572	9-72		36	888	-.05	24	56
31-04-0042	6531464	1308101	3-66	3	300	16,043	3.53	566	6	13,307	3.72	495	4-72		42	841	-.04	24	54
31-04-0079	7560189	1392858	12-69	2	305	18,845	3.61	680	15	13,720	3.70	508	2-73		40	674	.02	28	51
31-04-0084	7742624	1308101	12-70	1	305	16,460	3.65	600	5	13,910	3.63	505	4-73		36	792	-.02	26	54

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-04-0093	6822983	1308101	3-67	2	305	17,240	3.70	638	14	15,715	3.60	566	3-72	40	753	-.01	25	$ 52
31-04-0093	7151144	1392858	5-68	3	296	21,363	3.53	755	14	15,556	3.60	560	1-73	42	856	.01	33	62
31-04-0093	7365659	1308101	2-69	2	305	16,680	3.66	610	12	14,245	3.64	519	9-72	40	816	-.02	26	55
31-04-0093	7365660	1308101	5-69	2	305	18,250	3.68	672	13	15,490	3.62	561	2-73	40	874	-.02	29	60
31-04-0093	7365661	1308101	5-69	2	305	17,300	3.59	621	13	14,035	3.65	512	9-72	40	896	-.03	28	60
31-04-0107	4817051	1271622	12-58	8	305	22,805	3.52	803	18	16,568	3.60	597	1-72	36	1,140	-.02	38	78
31-04-0107	7156975	1315578	6-68	3	305	18,013	3.83	689	12	14,197	3.68	522	10-72	42	576	.10	36	54
31-04-0107	7366505	1308101	6-69	1	305	17,240	3.67	633	18	13,230	3.73	494	6-72	36	891	-.02	29	61
31-04-0107	7611444	1308101	8-69	1	305	17,140	3.50	600	27	14,070	3.71	522	9-72	36	833	-.03	25	55
31-04-0110	7455183	1308101	1-68	2	298	19,500	3.18	621	10	14,695	3.59	528	10-72	40	1,065	-.07	27	66
31-06-0016	6627664	1308101	9-66	5	305	19,696	3.49	688	33	16,328	3.72	607	1-73	44	1,015	-.05	29	66
31-06-0016	6779666	1315578	11-66	4	297	19,948	3.56	711	25	16,358	3.70	605	3-72	44	630	.06	32	52
31-06-0016	6977488	1308101	9-67	4	303	18,430	3.59	661	34	15,778	3.69	582	11-72	44	900	-.03	27	59
31-06-0016	6999207	1308101	9-67	3	301	17,750	3.98	706	23	15,507	3.76	583	6-72	42	835	.01	32	61
31-06-0032	6949958	1315578	11-67	4	305	22,358	3.86	863	11	17,750	3.77	670	12-72	44	790	.10	44	69
31-06-0036	7144399	1403382	9-68	3	301	21,870	3.60	788	13	16,536	3.62	598	8-72	42	624	.06	32	52
31-06-0043	7627509	1427381	2-70	1	305	16,500	4.06	670	15	13,720	3.93	539	8-72	36	904	.06	42	72
31-06-0044	6814235	1276654	2-67	4	305	22,675	3.60	817	16	17,193	3.77	649	10-72	44	856	-.02	28	58
31-06-0044	7192616	1352953	12-68	2	305	25,930	3.66	950	19	19,690	3.74	737	11-72	40	712	.00	26	51
31-06-0052	7661119	1427381	8-70	1	304	17,970	3.40	611	29	14,610	3.80	555	10-72 H	36	960	.01	36	69
31-06-0056	7342845	1308101	5-69	2	305	19,815	3.53	700	13	17,570	3.48	612	8-72	40	864	-.02	28	59
31-06-0063	6786143	1308101	12-66	4	305	19,708	3.49	688	12	16,953	3.72	630	4-72	44	942	-.05	26	60
31-06-0063	7676003	1308101	7-70	1	305	18,960	3.72	705	13	15,090	3.86	583	8-72	36	908	-.02	29	61
31-06-0070	7651560	1427381	5-70	1	305	21,910	3.74	820	11	15,920	3.78	601	11-72	36	1,176	.04	49	89
31-06-0072	7097736	1392858	8-68	3	305	18,733	3.99	748	9	14,636	3.81	558	2-73	42	638	.07	33	54
31-06-0104	7512400	1308101	5-69	2	303	18,585	3.73	693	22	15,880	3.77	599	9-72	40	876	-.02	28	59
31-06-0104	7663317	1308101	7-70	2	301	19,535	3.59	702	18	15,955	3.89	620	3-73	40	967	-.04	28	63
31-06-0400	6714216	1308101	8-66	5	302	17,200	3.56	613	15	14,348	3.83	549	3-73	44	897	-.05	25	57
31-06-0400	7081559	1308101	3-68	2	305	17,900	3.69	660	14	14,460	3.73	540	2-72	40	922	-.02	30	63
31-06-0400	7341931	1308101	1-69	2	302	18,910	3.70	700	16	13,485	3.86	521	11-72	40	1,104	-.03	35	74
31-06-0400	7698094	1308101	8-70	1	305	16,280	3.69	601	21	12,850	3.85	495	7-72	36	842	-.03	26	56
31-06-0450	7100468	1308101	8-67	2	305	19,110	3.68	703	15	16,805	3.76	632	2-72	40	855	-.02	27	57
31-06-0450	7100469	1308101	10-67	3	305	19,503	4.10	799	18	16,203	3.86	625	4-72	42	973	.03	39	72
31-06-0450	7320907	1308101	10-68	2	305	20,850	3.76	785	14	16,865	3.77	635	2-72	40	1,026	-.01	35	71
31-06-0450	7687524	1308101	8-70	1	305	20,830	4.00	834	25	15,300	3.92	599	12-72	36	1,035	.00	37	73
31-06-0920	6816157	1271810	6-65	5	305	19,546	3.46	676	10	13,352	3.77	504	2-72	44	1,040	-.07	27	65
31-06-9002	6727929	1308101	10-66	4	305	22,493	3.81	857	20	17,258	3.77	651	10-72	44	1,255	.00	45	89
31-06-9002	7328411	1392858	6-69	2	305	21,130	3.66	774	19	16,530	3.75	620	8-72	40	677	.02	26	51
31-06-9002	7413439	1447141	10-69	1	305	24,070	3.86	928	19	17,930	3.78	678	4-72	36	666	.07	35	56
31-06-9002	7413442	1406271	11-69	1	305	23,490	3.76	884	19	17,920	3.79	680	3-72	36	862	.04	37	66
31-06-9002	7634890	1406271	3-70	1	305	19,610	3.99	782	15	16,800	3.79	637	7-72	36	640	.06	32	53
31-06-9024	6502512	1308101	2-66	4	305	21,583	3.57	771	19	17,228	3.74	644	7-72	44	1,146	-.04	35	76
31-06-9024	6955536	1338728	8-67	3	305	22,810	3.97	906	19	18,500	3.71	687	4-72	42	473	.15	39	52
31-06-9024	7097735	1392858	7-68	3	305	24,980	3.51	878	18	19,250	3.77	725	1-73	42	932	-.01	32	65
31-06-9024	7203011	1392858	9-68	2	305	25,480	3.75	956	20	18,875	3.80	718	3-72	40	929	.03	38	70
31-06-9024	7265385	1418927	1-69	2	305	21,890	3.88	849	23	17,175	3.78	649	9-72	40	653	.04	29	51
31-06-9024	7664100	1441439	7-70	1	305	26,860	3.75	1008	15	17,260	3.86	666	10-72	34	785	.05	36	62
31-06-9024	7762857	1458744	1-71	1	305	22,290	3.75	835	6	18,220	3.84	700	4-73	36	782	-.01	26	54
31-06-9028	7037781	1490366	1-68	3	305	20,606	3.82	787	16	16,056	3.69	592	10-72	34	644	.04	30	51
31-06-9028	7465928	1490366	12-67	4	303	21,482	3.96	850	11	16,847	3.64	614	3-73	36	721	.08	38	61
31-06-9028	7498816	1427381	10-69	2	305	22,105	3.98	879	19	16,650	3.77	627	1-73	40	1,262	.07	57	99
31-06-9028	7666173	1427381	4-70	1	305	18,020	3.61	650	12	14,300	4.06	581	7-72	36	983	.02	38	72
31-06-9038	7199974	1392858	9-68	3	297	20,810	3.75	780	5	16,123	3.84	619	11-72	42	740	.03	31	56
31-06-9038	7335528	1308101	3-69	2	293	20,040	3.73	748	7	15,405	3.94	607	3-72	40	1,063	-.03	33	71
31-06-9050	5931973	1330987	8-63	7	305	18,404	4.42	814	22	15,857	3.85	610	8-72	44	602	.13	42	60
31-06-9050	6858532	1308101	8-67	4	305	24,878	3.66	910	24	18,290	3.96	724	4-73	44	1,448	-.05	44	96
31-06-9050	7060614	1392858	1-68	4	284	21,180	3.81	808	15	17,227	3.68	634	9-72	44	715	.05	34	58
31-06-9050	7185514	1427381	6-68	2	305	23,480	4.26	1000	27	17,370	3.89	676	7-72	40	1,343	.11	66	110
31-06-9050	7446684	1427381	7-69	2	305	24,485	3.90	956	21	18,290	3.84	702	12-72	40	1,371	.06	59	105
31-06-9050	7446689	1432733	8-69	1	305	24,780	3.52	872	32	17,330	4.01	695	9-71	36	915	-.04	26	59
31-06-9050	7475117	1427381	11-69	2	305	21,995	3.74	822	22	18,115	3.92	711	2-73	40	1,132	.03	45	84
31-06-9050	7475118	1427381	11-69	2	305	23,135	3.76	870	21	18,015	3.88	699	12-72	40	1,256	.04	51	94
31-06-9050	7475119	1427381	12-69	1	305	25,350	4.01	1017	24	18,990	3.95	751	1-72	36	1,249	.06	55	97
31-06-9094	6947440	1458744	12-67	1	305	23,760	3.63	863	18	17,310	3.63	628	6-72	36	946	-.01	33	66
31-06-9094	7387064	1308101	11-68	2	305	25,440	3.29	837	16	17,615	3.56	627	4-73	40	1,431	-.07	41	93
31-06-9094	7557190	1392858	5-70	2	305	24,685	3.30	815	16	17,735	3.54	627	3-73	40	940	-.02	31	64
31-06-9094	7585096	1392858	2-70	2	305	22,310	3.59	800	15	17,720	3.56	631	12-72	40	701	.03	30	54
31-06-9094	7938059	1427381	12-69	2	289	19,200	3.78	726	16	16,730	3.53	590	4-73	40	961	.07	45	77
31-06-9800	4864618	1112211	3-59	10	301	19,408	3.17	615	43	15,075	3.54	534	8-72	44	913	-.08	20	54
31-06-9800	6178849	1294703	9-64	6	305	19,130	3.56	681	58	15,323	3.62	555	9-72	44	859	-.03	26	57
31-06-9800	6813945	1357743	1-67	3	305	21,650	3.45	747	57	15,400	3.73	574	8-72	42	832	-.06	21	51
31-06-9800	6891897	1330987	9-67	4	305	21,802	3.52	767	37	15,817	3.64	575	12-72	44	1,013	.02	39	74
31-06-9800	7113239	1386406	5-68	3	305	21,943	3.74	821	74	15,056	3.68	554	10-72	42	995	.03	41	75
31-06-9800	7427974	1493686	8-69	2	304	18,150	3.86	700	79	15,095	3.74	564	9-72	40	694	.05	32	55
31-06-9800	7655064	1427381	8-70	1	305	16,450	3.75	617	79	14,730	3.82	562	9-72	36	840	.04	36	64
31-06-9800	7655065	1427381	9-70	1	305	19,330	3.93	759	79	14,730	3.82	562	9-72	36	1,055	.06	47	82
31-06-9800	7742014	1458744	1-71	1	305	21,870	3.65	799	11	16,840	3.71	624	4-73	36	833	-.01	28	57
31-06-9800	7742018	1427381	10-70	1	305	19,000	3.71	704	66	14,890	3.83	571	11-72	36	1,020	.03	42	77
31-07-0052	7368229	1399824	4-69	2	299	18,535	4.13	766	37	16,445	3.62	596	9-72	40	564	.08	33	51
31-07-0052	7667192	1299222	9-70	1	305	21,930	2.92	640	24	16,020	3.46	554	9-72	35	958	-.09	20	56
31-08-0044	7602879	1458744	12-68	2	305	21,310	2.88	613	15	14,560	3.32	484	1-73	40	1,084	-.08	26	66
31-09-0046	6915671	1308101	12-65	3	305	18,220	3.23	588	8	15,497	3.47	537	2-73	42	890	-.06	23	55
31-09-0046	7196831	1308101	1-67	4	305	19,233	3.34	642	10	15,368	3.54	544	5-72	44	1,040	-.05	29	67
31-09-0047	7183582	1308101	11-68	1	305	19,220	3.37	648	15	14,180	3.46	490	8-72	36	982	-.03	30	65
31-09-0047	7204049	1308101	11-68	2	292	18,005	3.27	588	16	14,195	3.47	492	9-72	40	954	-.05	26	61

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOL-LARS
31-09-0047	7468883	1427381	12-69	1	305	16,680	3.61	602	18	14,440	3.43	495	9-72		36	874	.05	39	$ 68
31-09-0520	7046635	1498986	1-68	3	305	20,667	2.98	615	68	14,543	3.53	514	1-73		32	943	-.12	16	52
31-09-0520	7330701	1521277	11-68	2	296	21,240	3.42	727	54	15,360	3.52	540	11-72		30	731	-.01	24	50
31-09-0760	7842600	1493686	2-70	1	305	21,720	3.53	766	13	16,840	3.59	604	3-73		36	795	.02	32	59
31-09-9480	6644053	1459996	3-66	5	305	24,420	3.95	964	19	18,836	3.75	706	4-73		44	632	.05	30	51
31-09-9480	6927721	1321904	4-67	3	305	22,930	3.61	827	20	17,907	3.86	691	10-72		42	761	-.03	23	50
31-09-9480	7522466	1392858	11-69	2	211	25,195	3.44	866	16	20,185	3.86	779	3-73	B	40	793	-.03	24	52
31-09-9480	7720324	1308101	0-70	1	305	21,420	3.87	828	18	18,460	3.85	710	11-72		36	890	-.01	30	61
31-09-9480	7720325	1321904	6-70	1	305	25,260	3.75	948	17	18,010	3.87	697	11-72		35	708	.00	25	50
31-10-0040	7060658	1315578	6-67	4	303	20,358	3.15	642	9	14,238	3.46	492	5-72		44	890	.02	35	66
31-10-0061	7046263	1320371	11-66	5	305	19,810	3.24	641	21	14,744	3.59	529	12-72		44	822	-.06	20	30
31-10-0070	7492145	1315578	4-68	2	291	17,880	3.83	685	11	13,730	3.58	491	11-72		40	555	.11	37	54
31-10-0150	6369912	1182696	5-65	6	282	22,218	3.16	702	10	16,757	3.47	582	1-73		44	997	-.05	28	64
31-10-0150	7179897	1308101	5-67	3	305	20,813	3.48	725	13	15,697	3.54	556	7-72		42	1,170	-.03	37	79
31-10-0150	7569765	1308101	11-68	2	299	19,045	3.59	683	12	15,650	3.57	558	8-72		40	942	-.02	31	64
31-10-0150	7607876	1450692	4-70	1	305	17,220	4.30	741	10	13,460	3.76	506	10-72		35	638	.06	32	53
31-10-0781	7091161	1308101	7-67	2	305	19,820	3.08	610	8	12,720	3.51	446	2-73		40	1,258	-.08	32	78
31-11-0148	6497351	1470512	2-66	3	305	21,096	3.72	785	5	16,616	3.71	617	6-72		40	989	-.01	34	69
31-11-0148	7394986	1470512	7-69	2	305	20,160	3.55	716	12	15,615	3.64	569	10-72		38	922	-.03	28	61
31-11-0163	7810724	010276380	11-68	2	305	21,430	3.34	716	20	14,645	3.68	539	12-72		35	812	-.06	20	50
31-11-0167	7199223	1427381	12-68	2	305	17,160	3.99	684	6	14,745	3.69	544	1-73		40	915	.07	44	74
31-11-0671	7515148	1427381	1-70	1	305	17,440	4.03	703	13	14,750	3.69	545	7-72		36	913	.07	44	74
31-11-0671	7617884	1427381	6-70	1	305	20,860	3.73	778	8	16,940	3.66	620	1-73		36	1,037	.05	45	80
31-11-0983	6802474	1406271	4-67	4	298	19,333	4.00	773	28	15,435	3.82	590	4-73		44	855	.07	42	70
31-11-9133	7459499	1493686	1-70	2	305	19,230	4.23	814	21	16,330	3.68	601	3-73		40	704	.10	40	62
31-11-9139	6274817	1421061	2-65	5	305	21,574	3.64	786	5	16,634	3.71	617	10-72		32	847	.00	30	60
31-11-9476	6776187	1406271	2-67	3	305	21,727	4.10	891	26	16,860	3.97	669	3-72		42	973	.08	48	79
31-11-9476	6943081	1406271	9-67	3	299	18,733	4.04	756	38	16,727	3.95	661	12-72		42	641	.06	32	53
31-11-9476	6980952	1406271	10-67	4	302	18,138	4.13	750	29	16,628	3.98	661	2-73		44	589	.07	32	51
31-11-9476	7091286	1406271	5-68	2	305	19,770	4.14	818	22	17,010	3.96	673	5-72		40	703	.08	37	60
31-11-9731	7434427	1493686	10-68	2	305	20,050	4.02	807	18	14,660	3.79	555	3-72		40	923	.07	44	74
31-11-9731	7829677	010288790	4-66	2	305	23,260	3.51	817	30	15,420	3.71	572	9-72		38	1,126	.03	46	84
31-11-9935	6521977	1406271	1-66	5	305	17,076	4.00	683	15	14,434	3.78	546	10-72		44	685	.07	36	58
31-11-9935	6592695	1475160	7-66	4	305	19,660	3.77	742	13	14,633	3.92	573	10-72		30	765	.00	28	55
31-12-0081	7583064	1493686	12-68	2	302	19,350	3.95	764	15	14,870	3.99	594	2-72		40	835	.04	36	64
31-12-0086	6786293	1308101	7-66	5	303	16,934	3.77	638	7	15,036	3.71	558	3-73		44	792	.00	28	56
31-12-0086	6817674	1315578	2-66	5	285	18,034	3.65	659	8	14,662	3.68	540	2-73	H	44	577	.08	33	51
31-12-0086	6817678	1308101	10-66	4	289	17,460	3.56	621	9	14,895	3.69	549	1-73		44	867	-.03	26	57
31-12-0099	6398828	1457909	11-65	5	305	20,322	3.62	736	16	15,998	3.69	591	3-73		36	915	-.01	31	63
31-12-0099	7636321	1458744	7-70	1	305	21,200	4.00	847	34	17,300	3.75	648	12-72		36	756	.02	31	57
31-12-0570	6653212	1182696	8-66	5	305	19,442	3.70	720	14	15,770	3.74	590	8-72		44	741	.02	30	55
31-12-0570	7490065	1308101	7-69	2	305	19,185	4.11	789	9	17,045	3.95	674	3-73		40	843	.01	32	61
31-12-0705	7262307	1308101	2-69	2	305	17,990	3.99	718	16	14,460	3.83	554	9-72		40	931	.01	35	67
31-12-0705	7324232	1491980	5-68	2	305	19,260	4.16	801	11	14,315	3.90	558	12-71		35	846	.10	46	73
31-12-0720	6498864	1457909	10-65	5	304	18,806	3.85	724	15	15,334	3.76	577	2-73		36	768	.02	31	57
31-12-9735	6317380	1417208	7-64	5	305	17,610	4.15	731	15	15,594	3.70	577	11-72		44	593	.08	33	52
31-12-9735	7902116	1520034	9-69	1	305	24,120	3.73	900	8	17,030	3.75	639	3-72		34	924	-.04	27	60
31-14-0036	6440990	1315578	8-65	5	305	17,976	3.84	690	9	14,778	3.65	540	3-73		44	558	.11	37	54
31-14-0036	7204277	1392858	9-68	1	305	22,890	3.69	845	19	16,350	3.53	577	5-72		36	696	.05	32	55
31-14-0036	7251298	1519989	10-68	2	305	21,095	3.61	762	10	15,575	3.53	550	6-72		30	877	.02	34	64
31-14-0040	6992529	1308101	1-68	3	305	16,803	3.54	594	12	13,020	3.59	467	8-72		42	955	-.03	30	64
31-14-0043	7617882	1427381	4-70	1	305	20,720	3.22	668	14	13,800	3.62	499	1-73		36	1,214	.00	44	86
31-14-0043	7617883	1427381	5-70	1	305	17,310	3.51	607	7	15,680	3.59	563	10-72		36	847	.04	36	65
31-15-0029	5615544	1010936	8-61	8	303	21,579	3.75	810	16	17,460	3.75	655	10-72		44	755	.03	32	58
31-15-0029	6478314	1237057	9-65	5	305	21,982	3.58	788	15	17,098	3.72	636	8-72		44	876	-.05	24	56
31-15-0029	6710878	1237057	10-66	4	304	22,070	3.61	796	22	17,392	3.78	658	12-71		44	831	-.05	22	52
31-15-0029	7888020	1427381	1-71	1	305	20,820	4.01	834	9	17,590	3.70	650	2-73		36	995	.07	47	80
31-15-0042	7301482	1458744	10-68	3	231	18,570	3.76	699	24	15,403	3.73	574	3-73	B	42	769	.00	28	55
31-15-0092	7102981	1315578	3-67	3	305	18,053	3.62	653	16	14,217	3.68	523	5-72		42	579	.07	32	50
31-15-0093	6734036	1308101	12-66	4	300	21,828	3.72	811	13	18,113	3.70	670	1-72		44	1,089	-.01	37	75
31-15-0093	7145342	1352979	2-68	3	300	22,633	3.52	796	12	17,957	3.73	669	3-72		42	890	-.08	20	53
31-15-0094	7481781	1308101	7-69	2	305	19,300	3.64	702	13	15,605	3.83	597	9-72		40	971	-.04	29	64
31-15-0111	7154671	1315578	10-67	2	305	21,675	3.52	762	14	15,435	3.72	574	9-72		40	802	.06	38	64
31-15-0111	7663560	1427381	11-69	1	305	18,670	3.74	699	20	16,890	3.69	623	3-73		36	877	.05	39	68
31-15-0124	7187836	1308101	9-68	3	302	18,330	3.80	696	14	15,960	3.75	598	9-72		42	860	-.01	30	60
31-15-0124	7375558	1308101	6-69	2	301	18,515	3.54	655	18	15,790	3.65	577	7-72		40	877	-.04	26	57
31-15-0136	7661137	1392858	12-68	2	305	22,180	3.75	831	11	17,050	3.85	657	5-72		40	742	.03	31	56
31-15-0136	7735780	1308101	2-69	2	295	21,905	3.69	808	10	18,905	3.87	732	2-73		40	968	-.04	29	64
31-15-0136	7786369	1308101	4-69	2	305	23,005	3.63	835	17	19,385	3.83	743	10-72		40	1,040	-.04	31	68
31-15-0136	7786370	1352979	9-69	2	305	24,555	3.63	891	16	20,200	3.82	771	11-72		40	840	-.07	19	50
31-15-0136	7786371	1308101	11-70	1	305	23,760	3.75	890	18	18,500	3.86	715	10-72		36	1,062	-.02	35	73
31-15-0390	6681703	1410984	6-65	3	305	22,830	3.68	840	5	13,813	3.77	521	11-71		42	876	.03	36	66
31-15-0520	5940424	1406271	9-63	3	305	16,983	3.62	614	15	14,313	3.65	522	9-72		42	662	.03	28	50
31-15-9071	7321424	1308101	10-68	2	305	19,700	3.37	664	28	16,805	3.71	623	2-72		40	914	-.06	24	57
31-15-9071	7321425	1347940	10-68	2	305	21,840	3.67	801	29	17,085	3.70	632	1-72		40	1,000	.01	37	72
31-15-9071	7328529	1347940	11-68	3	297	20,760	3.41	707	37	17,200	3.72	639	12-72		42	921	-.04	27	60
31-15-9071	7531531	1308101	10-69	2	305	19,535	3.53	689	32	17,820	3.73	665	12-72		40	815	-.04	23	52
31-15-9086	6578303	1315578	3-66	5	305	19,928	3.93	784	12	14,922	3.69	551	4-72		44	795	.13	48	73
31-15-9086	7315188	1308101	8-68	1	305	17,420	4.12	718	24	15,390	3.62	557	5-72		36	775	.02	31	58
31-15-9101	7071474	1458744	2-68	3	305	17,533	3.80	666	16	14,453	3.72	537	1-73		42	737	.01	28	53
31-15-9101	8128336	1427381	1-70	1	305	19,990	3.65	730	14	15,010	3.72	558	8-72		36	1,087	.04	45	82
31-15-9710	7449456	1308101	9-69	2	305	16,600	3.32	551	24	13,485	3.68	496	4-73		40	869	-.06	22	54
31-16-0200	7317348	1308101	4-68	2	305	15,955	3.33	532	8	13,305	3.68	489	9-72		40	819	-.05	21	51
31-16-0900	7732273	1308101	1-71	1	305	18,840	3.68	694	13	15,790	3.86	609	12-72		36	857	-.03	26	57
31-16-9125	7516503	1496750	12-69	2	305	24,455	3.77	923	19	16,615	3.61	600	12-72		38	1,082	.03	44	81

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
31-17-0013	7324299	1493686	1-69	2	305	20,910	4.13	863	13	15,495	3.56	551	2-72		40	942	.10	50	$ 80
31-17-0013	7354704	1493686	1-69	2	305	19,620	3.17	621	9	16,120	3.47	560	4-72		40	760	-.02	24	51
31-17-0037	7639410	1406271	1-70	1	305	19,740	3.59	709	15	15,060	3.71	559	8-72		36	753	.08	32	57
31-17-0500	6183058	1237057	10-64	6	305	21,306	3.88	827	35	15,333	3.66	561	2-73		44	971	.01	37	71
31-17-0500	7116709	1513846	6-68	3	305	20,013	3.30	660	37	15,620	3.60	563	1-73		32	812	-.06	20	30
31-17-0500	7710493	1406271	4-70	1	305	18,870	3.83	723	34	14,810	3.67	543	5-72		36	704	.06	34	57
31-17-0700	7898600	1466757	1-71	1	305	20,910	3.76	786	26	15,650	3.74	585	2-73		34	843	.00	30	59
31-17-0700	7898602	1466757	2-71	1	305	20,010	3.50	701	22	15,610	3.71	579	3-73		34	776	-.03	24	52
31-17-0750	6365574	1271810	12-64	5	305	22,360	3.15	704	13	16,602	3.50	581	3-72		44	1,068	-.10	22	62
31-17-0750	7136605	1493686	7-68	3	302	20,423	3.45	704	13	17,406	3.54	617	1-73		42	773	.01	29	56
31-19-9200	7022487	1406271	12-67	3	301	22,750	3.81	867	8	16,880	3.53	596	7-72		42	1,089	.08	51	87
31-17-9200	7076908	1493686	11-67	3	303	19,016	3.75	714	9	16,276	3.61	587	11-71		42	715	.05	33	57
31-17-9200	7769416	1466757	7-70	1	305	24,350	3.19	777	13	17,450	3.66	638	10-72		34	997	-.06	26	62
31-17-9200	7830934	1466757	9-70	1	305	23,110	3.34	772	13	17,450	3.66	638	10-72		34	901	-.05	25	58
31-19-0002	6871034	1315578	3-67	4	305	22,633	3.42	775	6	17,500	3.38	592	4-72		44	848	.07	41	69
31-19-0002	7498588	1308101	9-69	2	305	24,875	3.28	815	6	17,395	3.40	591	8-72		40	1,392	-.06	41	91
31-19-0039	7119731	1392858	8-68	3	305	20,310	4.06	825	24	17,136	3.75	642	10-72		42	589	.08	34	52
31-19-0039	7350709	1308101	4-69	2	305	21,115	3.68	777	25	16,645	3.75	624	10-72		40	1,071	-.02	35	73
31-19-0039	7374355	1308101	6-69	2	305	19,075	3.97	757	31	17,440	3.81	664	9-72		40	799	.01	30	58
31-19-0068	7224901	1315578	6-68	2	305	19,765	3.84	759	23	16,190	3.53	571	6-72		40	546	.12	38	54
31-19-0068	7798777	1308101	9-70	1	305	19,850	3.18	631	17	16,440	3.66	602	2-73		36	894	-.07	22	35
31-19-0069	6853049	1308101	8-67	4	298	17,028	3.18	542	12	12,805	3.55	454	12-72		44	1,020	-.07	26	63
31-19-0069	7597075	1515118	10-69	1	305	17,880	3.29	588	13	13,350	3.51	469	2-72		31	868	-.07	20	52
31-19-0595	6621438	1406271	8-66	4	304	17,653	3.85	679	8	12,853	3.66	470	1-72		44	902	.06	42	72
31-19-9697	6891590	1308101	7-67	3	288	21,477	3.12	671	11	15,247	3.70	564	1-72	B	42	1,288	-.10	30	77
31-20-0014	7665690	1308101	10-70	1	305	16,190	3.65	591	24	13,860	3.69	512	1-73		36	775	-.03	24	52
31-20-9026	6563720	1397868	1-66	5	305	19,280	3.77	727	24	14,126	3.79	536	7-72		36	696	.02	28	52
31-21-0029	7087688	1471305	1-67	3	305	22,087	3.55	783	15	15,370	3.70	568	7-72		29	979	-.02	32	67
31-21-0029	7303468	1338728	11-68	3	305	20,793	3.72	773	17	14,768	3.80	561	1-73		42	586	.09	35	53
31-21-0029	7545556	1493686	9-69	2	305	18,345	3.61	663	21	14,220	3.84	546	12-72		40	785	.01	30	57
31-21-0048	7468618	1447141	12-69	1	301	22,960	3.29	756	36	16,240	3.31	538	10-72		36	684	.04	30	53
31-21-0064	7221862	1493686	9-68	3	302	18,806	3.83	721	8	16,156	3.63	586	12-72		42	702	.06	34	57
31-21-0064	7221863	1493686	11-68	2	305	21,020	3.83	806	5	15,655	3.63	568	9-72		40	940	.05	42	73
31-21-0064	7221864	1406271	9-68	3	303	19,313	3.68	711	9	16,617	3.60	598	11-72		42	718	.05	33	57
31-21-0069	7894746	010299972	12-68	1	305	17,500	3.86	675	13	11,540	3.69	426	2-72		30	697	.01	27	51
31-22-0006	7196956	1487297	9-67	3	305	22,093	3.04	671	18	15,476	3.46	535	10-72		39	981	-.07	24	60
31-22-9002	7248461	1493686	9-68	3	305	19,296	2.92	563	19	15,626	3.44	537	1-73		42	807	-.06	20	50
31-22-9002	7273109	1493686	7-68	3	305	17,216	3.76	647	12	14,450	3.43	495	8-72		42	676	.06	34	56
31-22-9002	7363696	1493686	2-69	1	305	23,150	2.77	641	17	13,870	3.43	476	11-71		36	1,079	-.06	30	69
31-22-9019	7391479	1539092	10-68	3	287	18,813	3.49	657	22	13,550	3.58	485	12-72		31	797	-.02	26	54
31-22-9028	6995869	1406271	12-66	3	305	16,003	3.94	631	17	13,743	3.70	509	8-72		42	602	.07	32	51
31-23-0009	7536455	1308101	10-69	2	298	20,245	3.48	704	19	16,485	3.77	622	12-72		40	998	-.05	28	64
31-23-0091	7463249	1308101	6-69	2	300	17,535	3.63	637	33	15,165	3.86	586	11-72		40	828	-.04	24	56
31-23-0852	6793242	1315578	2-67	3	302	19,427	4.11	798	52	15,370	3.84	590	6-72		42	631	.13	43	62
31-23-0852	6793243	1315578	3-67	4	294	17,815	4.22	752	49	15,438	3.87	598	1-73		44	457	.14	38	50
31-23-0852	6888381	1315578	6-67	2	305	18,830	3.90	735	60	14,435	3.96	572	5-72		40	594	.09	35	54
31-23-0852	6888385	1308101	8-67	2	305	18,490	4.08	755	42	16,265	3.76	611	1-72		40	835	.03	34	62
31-23-0852	6888386	1308101	8-67	2	305	18,865	3.91	737	64	15,545	3.87	602	11-72		40	932	.00	33	66
31-23-0852	6888387	1308101	9-67	2	305	17,500	3.66	640	69	15,110	3.87	585	7-72		40	829	-.04	24	54
31-23-0852	7024190	1308101	1-68	2	305	19,240	3.69	709	58	15,380	3.84	590	7-72		40	983	-.03	31	66
31-23-0852	7024191	1308101	2-68	2	305	18,710	3.81	713	53	14,335	4.00	573	5-72		40	1,015	-.02	33	69
31-23-0852	7351385	1308101	5-69	1	305	20,060	3.49	701	62	14,230	4.01	570	5-72		36	1,041	-.05	29	67
31-23-0852	7455552	1392858	6-69	1	305	20,380	4.31	878	54	14,780	3.91	578	5-72		36	602	-.08	34	53
31-23-0852	7455559	1308101	7-69	1	305	19,120	3.90	745	60	14,820	3.93	582	9-72		36	936	-.01	32	65
31-23-0852	7472252	1308101	11-69	1	304	21,290	3.74	797	68	15,760	3.88	612	11-72		36	1,042	-.02	34	71
31-23-0852	7472253	1347940	10-69	1	305	18,350	3.95	724	70	15,690	3.90	612	2-73		36	712	.02	28	52
31-23-0852	7472255	1347940	11-69	1	300	18,370	4.53	833	70	15,690	3.90	612	2-73		36	713	.07	36	59
31-23-0852	7676411	1308101	5-70	1	281	18,040	3.77	681	62	14,230	4.01	570	5-72		36	891	-.03	28	60
31-23-0852	7676414	1308101	6-70	1	305	17,210	3.92	675	62	14,230	4.01	570	5-72		36	829	-.02	27	56
31-23-0852	7676416	1308101	7-70	1	288	18,650	3.45	643	68	15,760	3.88	612	11-72		36	845	-.05	22	53
31-23-0852	7807255	1308101	1-71	1	305	18,610	3.68	684	68	15,790	3.93	620	12-72		36	840	-.03	25	55
31-24-0006	6698562	1308101	8-66	3	305	21,947	3.28	720	9	15,443	3.59	554	3-73		42	1,324	-.07	37	85
31-26-0006	7154689	1237057	5-68	3	292	19,216	4.27	821	18	15,233	3.91	595	7-72		42	661	.03	29	51
31-26-0006	7154691	010288790	6-68	3	280	19,656	3.75	738	21	15,403	3.90	600	6-72		41	802	.05	37	64
31-26-0018	7686336	1458744	9-70	1	305	18,290	3.65	668	12	14,240	3.57	509	9-72		36	721	-.01	25	50
31-26-0048	7716208	1489981	6-70	1	305	19,780	4.04	799	21	15,740	3.62	570	7-72		35	462	.14	37	50
31-26-0083	6785548	1426647	7-65	5	253	20,168	3.54	714	13	15,358	3.61	555	3-73		36	721	.01	27	52
31-26-0094	7300842	1458744	4-69	1	299	19,130	3.54	677	5	13,710	3.60	494	6-72		36	815	-.01	27	56
31-26-0094	7316344	1308101	4-69	2	305	18,935	3.45	654	9	14,410	3.75	541	1-73		40	1,031	-.05	29	66
31-26-0400	7323070	1308101	6-69	2	305	20,085	3.52	706	14	15,670	3.48	545	6-72		40	1,046	-.02	34	71
31-26-0400	7376138	1308101	8-69	1	305	19,240	4.06	782	16	17,290	3.48	602	5-72		36	798	.03	33	60
31-26-0400	7376139	1308101	9-69	1	305	20,600	3.63	747	16	17,290	3.48	602	5-72		36	899	-.01	31	63
31-26-0902	8166746	1447414	8-70	1	300	19,200	3.68	707	15	15,300	3.69	565	10-72		36	907	-.03	28	60
31-26-9004	7448170	1427381	10-69	1	305	18,090	4.04	731	11	14,120	3.76	531	7-72		36	999	.07	47	80
31-26-9075	7338918	1497039	5-69	2	305	20,490	3.74	766	30	15,430	3.68	568	11-72		38	870	-.03	27	58
31-26-9075	7581060	1450692	1-70	1	305	24,220	3.61	874	12	15,700	3.73	585	3-72		35	1,031	.01	38	74
31-26-9075	7662369	1450692	8-70	1	305	21,909	3.64	797	29	16,290	3.60	587	11-72		35	820	.02	32	60
31-27-0023	7288208	1308101	11-68	2	305	15,240	3.94	601	28	13,575	3.96	537	6-72		40	724	-.01	24	50
31-28-0002	6745679	1315578	9-66	4	302	19,660	3.92	771	15	16,570	3.77	624	1-72		44	573	.11	37	54
31-28-0002	7590503	1548793	11-69	2	301	23,655	3.38	800	12	16,870	3.91	659	1-73		25	915	-.07	22	56
31-28-0012	6950506	1308101	10-67	4	298	18,163	3.46	629	9	15,345	3.62	556	10-72		44	910	-.04	26	59
31-28-0012	6950507	1308101	11-67	4	300	18,245	3.73	681	8	16,040	3.59	576	3-73		44	851	.00	31	61
31-28-0012	7105605	1308101	5-68	3	298	18,357	3.79	696	7	15,863	3.66	581	12-72		42	872	.00	31	61
31-28-0012	7177840	1308101	11-68	3	305	19,247	3.94	758	8	16,280	3.59	585	1-73		42	936	.03	38	70
31-28-0012	7513449	1308101	2-70	1	305	17,450	3.71	647	7	14,300	3.62	517	8-72		36	843	-.01	28	58

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	C O W REPT (%)	MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
31-28-0012	7513450	1308101	2-70	1	305	19,010	3.95	751	7	14,300	3.62	517	8-72		36	959	.01	36	$ 69
31-28-0029	6640097	1406271	8-66	3	305	18,923	3.52	666	8	13,447	3.67	493	10-72		42	964	.01	37	70
31-28-0029	6807966	1308101	10-66	3	305	17,533	3.76	659	7	14,453	3.72	538	4-72		42	907	-.01	31	63
31-28-0030	6661603	1261857	8-66	4	304	18,078	3.70	668	18	15,608	3.58	559	5-72		44	628	.07	33	53
31-28-0030	6826544	1261857	2-67	4	305	18,543	3.97	737	21	15,700	3.59	563	7-72		44	676	.11	41	62
31-28-0030	7445035	1427381	11-69	1	305	19,180	4.09	785	22	16,580	3.68	610	9-72		36	933	.08	46	77
31-28-0030	7460756	1427381	1-70	1	305	20,900	3.60	753	22	16,580	3.68	610	9-72		36	1,061	.04	44	80
31-28-0030	7604366	1427381	2-70	1	305	20,190	3.35	676	22	16,580	3.68	610	9-72		36	1,008	.01	38	73
31-28-0060	5467796	1300582	2-61	8	293	17,960	4.01	720	15	14,064	3.61	508	6-72		32	600	.08	34	53
31-28-0060	7500319	1427381	7-69	1	305	17,290	3.53	611	6	15,250	3.58	546	2-72		36	872	.04	37	66
31-28-0075	6974563	1308101	3-67	2	305	16,190	3.43	556	28	14,145	3.56	503	6-72		40	774	-.04	22	50
31-28-0075	7583169	1427381	9-69	1	305	17,200	3.68	633	21	14,220	3.42	486	5-72		36	926	.06	42	73
31-29-0660	7380288	1427381	10-68	3	297	18,126	4.12	746	14	16,416	3.45	566	11-72		42	883	.12	50	78
31-29-0660	7627908	1427381	10-69	2	291	20,185	3.81	769	9	15,260	3.50	534	7-72		40	1,180	.07	54	93
31-29-0660	7627909	1427381	11-69	1	305	18,680	3.73	696	16	16,140	3.49	564	1-72		36	922	.06	42	73
31-29-9029	6626401	1300855	3-66	4	305	18,760	3.49	654	22	13,800	3.62	500	4-72		35	761	-.03	23	50
31-29-9360	7620633	1427381	7-70	1	305	21,760	3.37	733	23	14,820	3.85	571	11-72		36	1,230	.00	45	88
31-29-9360	7663873	1427381	6-70	1	305	20,690	3.32	686	23	14,240	3.88	552	10-72		36	1,185	.00	42	83
31-30-0780	6636652	1308101	2-66	6	301	20,460	3.48	713	6	15,950	3.68	587	3-73		44	1,152	-.05	34	75
31-30-0780	7233543	1308101	9-68	3	305	18,750	3.70	694	6	15,700	3.80	597	12-72		42	932	-.02	30	63
31-30-0780	7505782	1308101	9-69	2	302	17,515	3.54	620	9	15,460	3.76	582	9-72		40	802	-.04	22	51
31-31-0007	6823983	1315578	3-67	3	305	18,970	3.54	671	17	13,973	3.56	498	1-73		42	707	.08	37	60
31-31-0300	6776897	1308101	11-66	5	300	18,950	3.30	626	47	16,514	3.50	578	3-73		44	899	-.05	24	57
31-31-0300	6926978	1308101	8-67	4	301	19,373	3.32	644	55	16,268	3.49	568	1-73		44	968	-.05	27	62
31-31-0300	6926979	1308101	11-67	3	305	18,463	3.47	640	55	16,453	3.56	585	2-72		42	830	-.03	25	55
31-31-0300	7361195	1308101	4-69	2	305	20,720	3.47	719	51	16,660	3.45	574	6-72		40	1,030	-.03	33	70
31-31-0300	7361196	1308101	4-69	2	305	20,720	3.31	685	50	17,255	3.41	588	12-72		40	981	-.04	29	64
31-31-0300	7361197	1308101	5-69	2	305	18,550	3.39	628	51	16,555	3.45	571	7-72		40	818	-.04	24	53
31-31-0300	7361198	1308101	5-69	1	305	21,110	3.22	679	51	17,000	3.39	576	6-72		36	954	-.05	27	61
31-31-0300	7761985	1308101	11-70	1	305	21,670	2.93	634	48	17,210	3.41	587	2-73	H	36	984	-.08	23	59
31-32-9012	7357917	1450228	1-69	2	305	22,775	3.56	810	9	17,190	3.69	634	6-72		40	1,094	-.03	34	73
31-32-9012	7357918	1450228	1-69	3	305	20,636	3.69	761	10	16,673	3.68	613	3-73		42	962	-.02	32	66
31-32-9012	7677646	1450228	1-70	1	305	20,180	3.52	710	9	16,420	3.57	587	7-72		36	812	-.03	25	54
31-32-9690	6993300	1406271	11-67	4	305	20,385	4.09	834	17	13,813	3.55	491	11-72		44	1,145	.11	59	96
31-32-9690	7380297	1493686	2-69	2	305	16,650	3.87	644	16	13,890	3.56	494	2-73		40	640	.06	32	53
31-33-0029	7924635	1427381	11-69	1	305	15,960	3.77	601	10	13,530	3.77	510	7-72		36	875	.04	38	67
31-33-0029	7978370	1427381	12-69	1	298	16,080	3.58	575	10	14,220	3.76	535	6-72		36	843	.03	35	64
31-33-9026	7577429	1427381	11-69	1	305	24,300	4.00	971	23	15,650	3.67	575	7-72		36	1,370	.08	62	108
31-33-9026	7906542	1427381	9-69	1	305	20,500	3.80	779	23	15,650	3.67	575	7-72		36	1,087	.06	48	84
31-34-0012	6947983	1377954	11-67	3	305	17,583	3.13	551	36	13,303	3.40	452	5-72		42	794	-.03	24	52
31-34-0018	7389612	1406271	9-69	2	302	22,210	3.44	764	5	13,495	3.61	487	1-73		40	1,236	.01	46	89
31-34-0023	6912382	1288534	12-66	4	295	22,608	3.35	758	10	16,408	3.67	602	7-72		43	908	-.04	26	59
31-34-0023	7436111	1523671	12-67	3	305	19,663	4.42	870	8	16,917	3.77	637	5-72		29	457	.14	37	50
31-34-0023	7658917	1387978	5-69	2	305	21,180	3.09	654	9	16,180	3.71	601	8-72		40	933	-.09	20	55
31-34-9024	5707956	1393073	9-62	7	305	20,346	4.20	854	22	17,191	3.67	631	4-72		32	582	.12	39	56
31-34-9024	7215673	1308101	8-68	2	305	22,745	3.50	797	24	17,635	3.70	653	5-72		40	1,156	-.04	35	76
31-34-9024	7215676	1493686	11-68	2	305	21,650	3.38	732	20	17,775	3.67	652	5-72		40	832	-.01	28	57
31-34-9024	7588013	1493686	4-70	1	305	21,530	3.62	779	21	17,900	3.49	624	7-72		36	718	.04	32	56
31-35-0018	6953660	1406271	1-68	2	305	18,305	3.65	668	15	14,905	3.91	583	3-72		40	726	.02	29	54
31-35-0018	7514248	1527171	2-69	2	305	21,485	3.71	797	11	15,055	3.83	577	1-72		25	825	.00	29	58
31-35-0018	7542700	1527171	1-70	1	305	22,880	3.65	836	11	14,540	3.86	561	2-72		19	791	-.01	27	55
31-35-0018	7542704	1493686	1-70	2	305	19,630	3.59	705	8	14,350	3.76	539	4-73		40	905	.02	35	66
31-35-0026	6598207	1308101	7-66	5	302	15,480	3.65	565	10	13,266	3.60	478	8-72		44	787	-.01	26	54
31-35-0026	6663766	1308101	11-66	5	302	17,558	3.57	626	11	14,216	3.68	523	1-73		44	957	-.03	30	64
31-35-0026	6770086	1308101	4-67	5	289	18,038	3.46	625	12	15,340	3.64	558	3-73		44	903	-.04	26	59
31-35-0026	6826587	1308101	4-67	4	305	17,750	3.63	645	11	13,698	3.64	498	8-72		44	1,021	-.02	34	70
31-35-0026	7164601	1308101	8-68	3	292	16,868	3.74	631	8	14,040	3.76	528	9-72		42	868	-.01	29	60
31-35-0026	7318343	1308101	4-69	3	297	17,413	3.68	641	9	14,787	3.67	542	4-73		42	863	-.01	29	59
31-35-0026	7439093	1308101	8-69	1	305	18,250	3.72	678	16	16,060	3.79	609	2-72		36	797	-.02	25	53
31-35-0026	7745090	1308101	12-70	1	301	18,150	3.73	677	7	14,780	3.66	541	11-72		36	866	-.01	29	60
31-35-9024	5899794	1355784	8-63	7	305	20,030	3.57	715	15	16,188	3.79	613	10-72		44	964	-.08	22	58
31-36-0009	6983434	1308101	11-67	2	305	18,055	3.74	675	25	14,845	3.82	567	3-72		40	907	-.02	29	61
31-36-0009	7112540	1308101	6-68	3	301	18,153	3.45	626	23	15,043	3.80	572	3-73		42	924	-.06	24	58
31-36-0012	5151593	1309459	9-59	6	305	22,020	3.42	752	19	13,907	3.62	504	10-72		32	1,263	-.04	39	84
31-36-0640	7433956	1308101	5-69	2	305	17,925	3.54	635	22	15,765	3.60	567	7-72		40	819	-.03	25	54
31-36-0640	7438516	1308101	8-69	2	280	19,595	3.26	638	25	16,265	3.53	574	12-72		40	948	-.06	25	59
31-36-9002	7491457	1427381	9-69	2	302	18,075	3.60	651	35	14,395	3.65	525	9-72		40	1,036	.04	43	78
31-38-0017	7007655	1496958	2-68	3	296	21,050	3.35	705	19	15,030	3.56	535	4-72		32	823	-.04	24	54
31-38-0079	7312141	1427381	12-68	2	305	20,340	3.80	772	15	14,870	3.62	539	12-72		40	1,228	.06	54	95
31-38-0079	7312142	1427381	12-68	2	305	18,115	4.11	745	14	14,940	3.80	568	6-72		40	996	.08	49	82
31-38-0107	6431818	1324688	10-65	5	305	19,854	3.62	719	23	14,066	3.84	540	8-72		44	669	.02	27	50
31-38-0107	7192348	1458744	1-68	3	297	18,686	3.57	667	23	14,353	3.88	557	12-72		42	878	-.04	26	57
31-38-0127	7571468	1500404	2-70	2	305	19,465	3.78	736	7	14,850	3.76	559	4-73		40	908	-.06	23	56
31-38-0135	7578666	1406271	3-70	1	305	20,980	3.84	805	9	17,250	3.77	650	10-72		36	715	.05	33	57
31-38-0158	7341235	1330987	6-68	2	305	18,290	3.01	551	20	12,915	3.57	461	1-73		40	770	-.03	23	51
31-38-9035	4651812	1060259	1-59	9	304	21,097	3.79	799	14	14,400	3.58	516	1-72		44	1,161	.01	44	84
31-38-9071	7504323	1427381	1-70	1	304	16,880	3.89	656	21	14,650	3.69	541	8-72		36	877	.06	41	70
31-39-0047	7564215	010276164	11-63	1	305	22,890	3.11	711	39	15,340	3.29	512	10-71		31	772	-.04	22	50
31-39-0067	6899394	1330987	9-67	2	299	17,250	4.11	709	18	12,400	3.69	458	10-72		40	706	.10	40	62
31-39-0067	7407382	1493686	7-69	2	298	18,505	3.46	641	13	14,215	3.77	536	1-73		40	802	-.01	28	56
31-39-0067	7504182	1427381	1-70	1	305	18,860	3.49	659	14	12,340	3.55	438	7-72		36	1,162	.03	47	87
31-39-0140	6355789	1355784	3-65	6	305	20,368	3.36	684	25	14,540	3.75	545	10-72		44	1,180	-.11	25	69
31-39-0140	7144843	1406271	11-67	3	304	18,100	3.91	707	17	16,067	3.60	579	6-72		42	629	.07	34	54
31-39-0140	7263936	1493686	10-68	2	305	18,210	3.76	685	17	15,380	3.78	581	7-72		40	677	.03	29	52
31-39-0280	7498388	1500404	12-69	2	305	21,645	3.19	690	18	16,410	3.55	582	1-73		40	1,003	-.13	16	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C REPT CALVD D	MO-YR	(%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
31-39-0395	6699354	1406271	11-66	4	303	17,645	3.54	624	39	14,583	3.57	520		1-73	44	731	.03	31	$ 56
31-39-0395	6753995	1406271	10-66	3	301	18,357	3.32	610	31	15,723	3.45	543		2-72	42	690	.01	26	50
31-39-0395	6984620	1406271	12-67	4	286	17,683	3.50	619	37	15,415	3.47	535		11-72	44	653	.03	28	50
31-39-0395	7023361	1487393	7-67	3	305	21,620	3.17	686	60	14,847	3.48	517		12-72	29	972	-.07	24	60
31-39-0395	7151215	1406271	6-68	3	299	18,870	3.53	666	40	14,727	3.48	513		2-73	42	841	.03	35	64
31-39-0395	7151223	1493686	8-68	2	305	18,360	3.67	673	40	15,645	3.41	534		7-72	40	671	.05	32	54
31-39-0395	7378347	1406271	5-69	2	305	20,935	3.23	676	36	15,280	3.43	524		3-73	40	962	.00	34	68
31-39-0395	7689684	1493686	12-70	1	305	17,610	4.16	732	34	14,640	3.64	533		3-73	36	620	.08	34	54
31-39-9062	7922986	010288790	3-67	1	305	22,470	3.57	802	13	18,080	3.46	625		1-72	34	702	.07	36	59
31-41-0700	6891081	1308101	9-66	4	297	19,408	3.49	677	12	15,065	3.59	541		3-72	44	1,091	-.03	34	73
31-41-0700	6926261	1308101	12-67	3	305	21,370	3.00	642	8	13,933	3.57	498		7-72	42	1,396	-.11	33	84
31-41-0700	7251863	1308101	7-68	1	305	18,980	3.10	589	17	15,200	3.32	505		1-73	36	903	-.05	25	58
31-41-0700	7550334	1308101	8-69	1	294	19,160	3.55	680	20	15,160	3.30	500		10-72	36	919	-.01	32	64
31-42-0025	6424829	1406271	12-65	5	295	20,086	3.82	767	41	15,574	3.57	556		11-72	44	955	.07	45	77
31-42-0025	7209405	1386406	11-68	3	292	19,756	3.68	728	36	15,863	3.51	556		9-72	42	670	.04	30	52
31-42-0025	7429022	1500404	8-69	2	282	21,160	2.98	631	27	16,125	3.43	553		12-72	40	977	-.14	13	51
31-42-0025	7429030	1427381	11-69	2	301	18,225	3.52	642	32	15,350	3.51	539		8-72	40	974	.04	41	74
31-42-0041	6521613	1447958	3-66	3	304	23,337	3.10	723	10	16,817	3.40	572		5-72	33	1,013	-.11	20	58
31-42-0041	6791783	1406271	2-67	3	305	21,007	3.59	755	12	15,950	3.52	562		5-72	42	974	.04	41	74
31-42-0041	6921775	1493686	10-67	3	305	19,370	3.37	653	14	16,543	3.43	568		6-72	42	732	.01	28	53
31-42-0082	6822394	1355784	3-67	2	305	21,085	3.20	674	18	15,690	3.56	558		6-72	40	1,025	-.11	19	58
31-42-0082	6822395	1355784	3-67	3	305	22,736	3.25	738	7	14,680	3.56	523		12-72	42	1,378	-.12	31	82
31-42-0082	7069150	1355784	11-67	4	303	19,802	3.29	651	13	15,557	3.51	546		2-73	43	980	-.10	20	57
31-42-0086	7638932	1427381	12-69	2	298	20,750	3.89	807	13	15,790	3.72	587		1-73	40	1,194	.06	53	93
31-42-0108	7478764	1427381	7-69	1	305	21,490	3.76	807	14	17,290	3.48	602		9-71	36	1,063	.06	48	83
31-42-0931	7713098	1490794	9-70	1	305	21,770	3.64	792	28	16,710	3.61	603		12-72	26	822	.02	32	60
31-42-0931	7713101	1490794	9-70	1	305	20,940	3.56	745	37	16,590	3.54	588		11-72	26	759	.01	29	55
31-42-0931	7713102	1490794	10-70	1	305	22,720	3.47	789	28	16,710	3.61	603		12-72	26	904	-.01	31	63
31-42-0934	6953235	1493686	8-67	2	305	18,300	3.80	696	6	13,880	3.49	484		1-73	40	808	.06	38	65
31-42-0934	7457581	1500404	11-69	1	305	23,000	2.97	684	6	16,330	3.73	609		12-72	35	990	-.15	12	50
31-42-9062	5867044	1380382	5-63	7	305	19,921	3.50	697	13	16,324	3.68	600		5-72	35	825	-.06	21	51
31-42-9062	6819854	1462798	9-66	4	305	21,670	3.60	781	11	17,312	3.67	636		1-72	35	753	-.01	25	52
31-42-9062	6851247	1406271	2-67	4	304	21,558	3.43	739	21	16,865	3.67	619		12-72	44	988	.00	35	70
31-42-9062	7482357	1418927	11-69	1	305	23,280	3.71	864	13	15,970	3.79	606		4-72	35	700	.01	27	51
31-42-9074	5562998	1370445	5-62	7	305	19,873	3.17	629	31	15,163	3.43	520		9-72	34	970	-.08	22	58
31-42-9076	6893648	1366152	11-66	3	305	19,310	3.61	698	68	13,720	3.51	481		6-72	42	717	.03	30	54
31-42-9076	7330060	1383004	10-68	2	305	21,390	3.31	707	56	14,720	3.57	526		11-72	40	630	.05	31	52
31-42-9076	7426507	1447141	4-69	1	305	21,660	4.03	872	77	15,860	3.44	545		3-72	36	610	.11	38	57
31-42-9076	7788726	1406271	1-71	1	305	20,740	2.56	531	34	14,800	3.53	523		4-73	36	843	-.07	20	51
31-42-9105	6590701	1406271	6-66	4	305	17,628	3.47	612	27	13,683	3.47	475		1-72	44	817	.03	34	62
31-42-9105	7054306	1406271	4-68	3	298	18,057	3.08	556	38	13,470	3.50	471		7-72	42	863	-.03	26	57
31-42-9105	7298662	1406271	1-69	2	305	22,540	3.07	693	36	14,000	3.45	483		7-72	40	1,229	-.03	39	83
31-45-0045	6533739	1308101	3-66	5	305	17,680	3.68	651	9	14,472	3.63	525		10-72	44	946	-.01	33	66
31-45-0045	6996745	1493686	1-68	3	305	17,653	3.51	619	12	14,733	3.65	538		8-72	42	701	.01	27	51
31-45-0045	7468835	1406271	9-69	2	305	17,525	3.93	689	9	15,685	3.69	579		1-73	40	583	.07	31	50
31-45-0086	6932816	1315578	8-67	3	305	20,383	3.69	753	15	15,103	3.64	549		3-72	42	765	.09	41	65
31-45-0513	7562288	1386859	12-69	2	305	20,705	3.85	797	16	17,090	3.70	632		1-73	40	648	.04	30	52
31-46-0006	7326179	1493686	7-68	2	305	17,540	3.71	650	21	15,150	3.56	540		10-72	40	628	.04	29	50
31-46-0042	6238303	1406271	9-64	5	305	17,924	3.92	703	47	15,132	3.58	542		5-72	44	722	.08	39	62
31-46-0042	7544624	1406271	10-69	2	305	20,365	3.60	733	66	15,980	3.59	573		10-72	40	847	.04	36	65
31-46-0042	7625431	1493686	10-69	2	305	22,085	3.37	744	57	15,655	3.58	561		3-73	40	1,048	.00	37	74
31-46-0042	7654139	1406271	2-70	1	305	20,090	3.45	694	67	15,740	3.68	579		10-72	36	739	.02	29	54
31-46-0042	7654140	1493686	12-69	2	305	20,635	3.81	786	50	15,790	3.59	567		3-73	40	890	.05	40	70
31-46-0042	7723442	1406271	6-70	1	305	20,740	3.53	732	47	15,250	3.69	562		8-72	36	817	.02	33	61
31-46-0042	7819882	1406271	9-70	1	305	20,360	3.39	690	45	16,390	3.67	601		1-73	36	720	.01	28	53
31-46-0042	7819887	1406271	11-70	1	305	20,280	3.68	746	57	15,970	3.68	587		11-72	36	739	.04	33	58
31-46-0112	7090189	1493686	7-67	2	305	20,150	3.46	697	8	14,155	3.71	525		8-72	40	974	.00	35	69
31-46-0112	7185117	1493686	11-68	1	305	20,920	3.39	710	12	15,010	3.66	550		11-71	36	845	.00	31	60
31-46-0132	7877762	1427381	6-70	1	305	19,160	3.85	738	6	14,250	3.72	530		11-72	36	1,071	.05	47	83
31-46-0132	8145021	1427381	5-70	1	305	16,170	3.78	611	6	13,230	3.87	512		9-72	36	909	.04	39	70
31-46-0153	7141613	1493686	8-68	3	305	16,980	4.15	705	5	14,183	3.98	564		10-72	42	674	.06	34	56
31-46-0155	6694228	1261857	9-66	4	303	17,158	3.65	626	15	12,993	3.65	474		11-72	44	772	.05	36	62
31-46-0155	7371762	1427381	6-69	2	294	16,000	3.64	583	24	13,590	3.70	503		8-72	40	891	.04	38	68
31-46-0155	7460942	1522447	8-69	1	305	21,390	3.62	775	12	13,400	3.69	494		1-72	32	696	.02	28	52
31-46-0480	6390675	1406271	9-65	4	305	22,295	3.88	865	17	15,585	3.76	586		12-72	44	1,206	.07	54	94
31-46-0630	5573005	1138441	5-61	7	303	21,649	3.39	734	17	17,214	3.72	640		11-72	44	960	-.12	16	52
31-46-0630	6510876	1406271	2-66	4	305	19,083	4.04	771	16	17,183	3.75	645		2-72	44	651	.08	36	57
31-46-0630	8238700	1493686	11-70	1	305	24,860	3.13	777	18	17,510	3.72	651		12-72	36	989	-.04	30	65
31-46-0810	6627163	1406271	10-66	4	305	18,135	3.44	624	45	14,565	3.63	528		9-72	44	793	.01	30	57
31-46-0810	6718599[1]	1472722	9-66	5	305	17,990	4.04	727	41	14,914	3.61	538		2-73	36	661	.12	42	62
31-46-9079	7351841	1493686	11-68	3	305	20,793	3.36	699	21	17,423	3.39	591		3-73	42	814	.01	31	59
31-46-9079	7351847	1323989	1-69	3	305	24,553	3.01	738	20	17,733	3.34	592		2-73	41	913	-.09	19	53
31-46-9079	7654852	1427381	2-70	1	305	21,530	3.72	800	18	15,730	3.49	549		8-72	36	1,159	.06	51	90
31-46-9079	7805002	1427381	9-70	1	305	20,200	3.60	727	15	15,680	3.42	536		9-72	36	1,063	-.05	46	82
31-46-9130	5679640	1199324	10-62	8	305	18,429	3.20	589	17	14,564	3.74	545		6-72	44	919	-.08	20	54
31-46-9130	7566835	1355784	11-69	2	296	20,395	3.31	676	12	16,285	3.67	597		4-73	40	906	-.11	16	50
31-46-9130	7632935	1406271	4-70	1	305	25,920	3.26	844	26	16,010	3.68	589		12-72	36	1,157	-.01	40	81
31-46-9130	7638756	1406271	3-70	1	213	18,710	3.94	738	32	13,860	3.82	529	B	9-72	36	748	.05	35	60
31-47-0035	6786954	1261857	1-66	2	305	17,280	3.96	685	11	14,045	3.60	505		8-72	40	633	.09	37	57
31-47-0035	6859356	1261857	3-67	3	305	21,307	3.67	782	12	14,337	3.66	525		4-72	42	1,101	.05	48	85
31-47-0048	6938953	1478153	7-67	3	305	20,270	4.03	816	13	15,757	3.67	579		12-72	32	618	.08	34	54
31-47-0048	7239616	1493686	11-68	1	305	20,200	4.17	843	18	17,300	3.83	663		9-71	36	655	.07	34	55
31-47-0064	7324069	1406271	2-68	4	305	17,373	3.94	684	21	14,698	3.70	544		4-73	44	686	.07	36	58
31-47-0076	5629431	1362857	3-62	6	305	19,047	3.91	745	20	15,423	3.64	562		10-72	32	600	.06	31	50
31-47-0076	7062398	1493686	2-68	3	305	19,990	3.61	721	21	15,350	3.72	571		10-72	42	913	.01	35	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-47-0144	6529348	1381027	4-66	2	305	22,455	4.11	922	36	15,055	4.00	602	9-72	40	646	.06	33	$ 54
31-47-0144	7255175	1367353	7-68	3	305	23,086	3.83	884	27	15,390	4.07	626	2-73	42	936	.02	37	69
31-47-0144	7603850	1406271	5-70	1	305	17,930	3.99	715	28	14,740	4.00	590	8-72	36	638	.05	30	51
31-47-0252	6772546	1458744	9-66	4	305	25,842	3.01	777	20	16,767	3.54	594	2-72	44	1,551	-.12	37	94
31-47-0252	6910858	1458744	11-67	3	305	23,296	3.37	786	22	16,430	3.75	616	8-72	42	1,217	-.06	34	78
31-47-0252	7557633	1427381	11-69	2	305	22,950	3.77	865	32	17,015	3.70	629	12-72	40	1,318	.05	56	101
31-47-0252	7557636	1398216	11-69	2	305	23,140	3.29	761	32	17,080	3.71	634	1-73	40	1,000	-.10	21	58
31-47-0252	7748016	1427381	11-69	2	304	21,250	3.97	844	31	17,050	3.70	630	1-73	40	1,143	.08	54	92
31-47-0252	7758367	1427381	8-70	1	305	19,690	3.72	732	20	16,150	3.94	636	8-72	36	997	.03	41	75
31-47-0432	6775494	1272863	3-67	4	305	21,608	3.31	715	18	14,523	3.57	518	10-72	42	1,077	-.06	30	69
31-47-0432	7205626	1355784	5-68	3	305	22,706	3.36	763	15	15,116	3.66	554	10-72	42	1,334	-.11	31	80
31-47-0432	7205630	1493686	12-68	2	305	17,380	4.22	733	25	14,325	3.69	529	5-72	40	679	.09	38	59
31-47-0432	7517914	1499501	2-69	1	305	20,190	4.10	828	27	14,820	3.83	568	3-72	33	604	.05	30	50
31-47-0816	6394393	1432656	2-65	5	304	20,950	3.28	688	44	15,304	3.50	536	6-72	36	900	-.05	25	58
31-47-0816	6394402	1406271	2-65	5	305	18,744	3.97	745	40	15,686	3.48	546	7-72	44	771	.11	44	68
31-47-0816	7324068	1406271	1-68	3	305	21,570	3.09	666	46	16,017	3.53	566	4-72	42	1,032	-.05	30	67
31-47-0816	7665554	1406271	2-70	1	305	17,530	4.14	725	57	15,390	3.66	564	5-72	36	569	.08	32	50
31-47-0816	7735132	1531452	8-69	2	305	20,880	3.59	750	31	15,845	3.56	564	4-73	29	839	-.01	28	58
31-47-0913	7460257	1406271	1-69	3	295	16,250	3.45	561	10	13,170	3.55	468	3-73	42	683	.02	27	50
31-47-9004	6422936	1336050	9-65	4	305	17,460	3.97	693	33	14,440	3.87	559	10-71	44	736	.03	31	56
31-47-9004	6568266	1447141	1-66	4	305	21,642	3.70	801	31	16,905	3.77	638	10-72	44	783	.04	35	61
31-47-9004	7650127	1427615	9-70	1	305	21,900	3.63	794	14	16,100	3.78	609	10-72	36	921	-.10	17	52
31-47-9009	6850968	1493686	6-67	3	304	17,303	3.43	593	9	11,906	3.79	451	5-72	42	920	-.01	31	63
31-47-9009	7026355	1493686	4-68	3	305	16,026	3.67	588	7	12,696	3.73	473	1-73	42	701	.02	29	53
31-47-9009	7194635	1493686	12-68	2	299	16,515	4.11	678	7	12,945	3.85	499	3-72	40	703	.06	35	58
31-47-9084	6687345	1458744	12-66	4	304	18,322	3.78	692	37	14,540	3.80	553	12-72	44	842	.00	30	59
31-47-9084	7190153	1458744	10-68	3	305	17,956	3.99	717	37	14,226	3.84	546	1-73	42	806	.03	33	60
31-47-9084	7269479	1458744	2-69	2	305	18,205	3.57	650	37	14,445	3.84	554	5-72	40	778	-.03	24	52
31-47-9084	7727619	1458744	11-70	1	305	18,960	3.87	733	36	14,530	3.85	559	12-72	36	754	.00	27	53
31-47-9150	6636113	1406271	10-66	4	302	16,790	4.16	699	19	13,755	3.72	511	8-72	44	707	.10	41	63
31-47-9150	6753092	1406271	11-66	4	301	16,595	3.89	646	23	14,565	3.73	544	2-72	44	603	.06	31	51
31-47-9150	6753096	1406271	3-67	3	305	16,710	4.14	692	19	14,120	3.74	528	8-72	42	648	.09	37	57
31-47-9150	6794689	1406271	7-66	5	305	19,314	3.72	718	17	14,482	3.67	532	2-73	44	968	.05	42	75
31-47-9150	6941934	1406271	11-67	3	305	17,367	4.11	713	14	13,760	3.71	511	5-72	42	757	.09	41	65
31-47-9150	7132867	1406271	9-67	3	305	16,307	4.02	655	19	14,117	3.82	539	12-72 H	42	602	.07	32	51
31-47-9150	7183057	1406271	6-68	3	305	16,643	4.00	665	16	14,177	3.82	542	1-73	42	635	.06	32	53
31-47-9150	7224001	1406271	12-68	2	305	19,810	3.48	689	15	13,530	3.77	510	5-72	40	990	.01	37	71
31-47-9150	7244812	1406271	12-68	2	305	16,250	4.07	661	7	13,730	3.65	501	4-73	40	612	.09	35	54
31-47-9150	7244815	1406271	1-69	2	305	17,890	3.50	626	7	13,730	3.65	501	4-73	40	779	.02	31	58
31-47-9150	7244816	1406271	1-69	3	294	16,677	3.92	654	18	14,123	3.85	544	11-72	42	644	.05	31	52
31-47-9150	7407290	1406271	6-69	2	305	16,905	3.86	653	11	13,400	3.86	517	7-72	40	706	.04	32	56
31-47-9150	7407291	1406271	6-69	2	305	18,790	3.74	703	22	14,680	3.95	580	12-72	40	793	.02	32	59
31-47-9150	7407295	1406271	9-69	2	290	18,445	3.70	682	20	14,805	3.91	579	10-72	40	748	.02	30	56
31-47-9150	7499944	1493686	11-69	2	305	17,990	4.24	763	42	14,720	3.99	587	1-73	40	709	.07	36	59
31-47-9150	7754924	1406271	12-70	1	305	19,300	3.82	737	17	14,230	3.99	568	1-73	36	770	.03	33	59
31-47-9624	7464231	1387978	12-68	3	305	17,590	3.85	678	27	15,027	3.61	543	10-72	42	685	.03	29	52
31-47-9624	7464232	1387978	12-68	2	305	16,805	4.30	723	13	14,740	3.78	557	6-72	40	606	.06	31	51
31-47-9624	7992905	1387978	11-70	1	305	18,870	3.90	735	20	14,910	3.74	558	2-73	36	719	.01	28	53
31-47-9708	7207049	1447141	11-68	2	305	19,540	3.69	722	9	14,570	3.74	545	9-72	40	653	.06	32	53
31-47-9708	7207050	1493686	9-68	3	304	18,880	3.73	705	11	15,106	3.95	597	2-73	42	807	.01	31	59
31-49-0007	6484622	1308101	8-65	5	305	16,272	3.82	622	33	14,742	3.89	573	1-72	44	737	-.02	24	50
31-49-9033	6892552	1318452	9-67	4	297	22,533	3.47	781	77	18,400	3.79	697	1-73	35	791	-.05	21	50
31-49-9040	7401037	1488153	4-69	2	305	19,840	3.68	731	11	14,590	3.75	547	9-72	29	664	.02	27	50
31-49-9063	5367135	1176259	1-61	9	305	22,051	3.64	802	8	18,017	3.68	663	11-72	36	779	.00	28	55
31-49-9063	5367136	1142734	2-61	7	303	23,067	3.77	869	8	17,504	3.70	648	6-72	44	632	.06	32	53
31-49-9070	6668646	1308101	3-66	5	297	18,660	3.83	714	30	16,504	3.86	637	1-73	44	863	-.01	29	59
31-49-9070	6863991	1308101	8-67	4	300	19,735	3.85	760	29	17,163	3.87	664	3-73	44	924	-.01	32	64
31-49-9070	6866299	1308101	8-67	4	303	20,855	3.66	763	30	16,620	3.87	643	11-72	44	1,116	-.04	34	74
31-49-9070	6947155	1308101	9-67	3	305	18,787	3.78	710	33	17,110	3.86	660	2-72	42	807	-.02	26	55
31-49-9070	7035171	1308101	12-67	3	305	23,153	3.62	837	31	16,657	3.83	638	6-72	42	1,351	-.04	42	90
31-49-9070	7094376	1308101	4-68	3	299	18,320	3.71	679	19	16,417	3.78	621	7-72	42	817	-.02	26	55
31-49-9070	7202309	1308101	10-68	2	305	20,465	3.69	755	26	16,665	3.84	640	7-72	40	1,003	-.03	31	67
31-49-9070	7377018	1392858	8-69	2	305	22,550	4.02	906	30	16,760	3.88	651	11-72	40	803	.07	39	65
31-49-9071	5560249	1199324	1-62	4	289	20,348	3.86	785	27	16,625	3.67	610	12-72	44	937	.03	38	70
31-49-9071	6611298	1308101	9-66	5	302	20,290	3.69	748	23	16,928	3.75	634	3-73	44	1,030	-.02	34	70
31-49-9071	7104468	1308101	7-68	2	305	20,780	3.49	726	37	16,875	3.83	647	1-72	40	1,018	-.06	28	65
31-49-9071	7135216	1308101	9-68	2	305	21,205	3.51	744	22	16,145	3.81	615	3-72	40	1,121	-.05	32	72
31-49-9071	7135217	1308101	9-68	2	305	19,075	3.56	680	30	15,710	3.72	584	10-72	40	940	-.04	28	62
31-49-9071	7184735	1308101	10-68	2	305	18,585	3.49	649	34	15,255	3.82	583	9-72	40	927	-.05	25	59
31-49-9071	7366698	1308101	6-69	1	305	18,490	3.70	684	23	16,550	3.73	618	2-73	36	786	-.02	25	53
31-49-9071	7812592	1308101	10-70	1	292	18,310	3.51	642	18	16,160	3.74	604	3-73	36	796	-.04	23	52
31-51-0046	6420181	1406271	9-65	2	305	19,930	4.06	810	9	16,685	3.99	666	9-72	40	746	.06	36	61
31-51-9026	6317259	1435304	2-65	5	305	21,116	3.62	765	37	16,006	3.52	563	7-72	36	909	.02	36	67
31-51-9026	6685152	1471774	9-66	4	305	22,415	3.47	777	36	16,533	3.48	575	11-72	37	891	-.01	30	61
31-51-9026	6831412	1480773	4-67	2	305	20,790	3.62	752	38	16,760	3.37	564	10-71	34	709	.04	31	55
31-51-9026	7315275	1497602	9-68	2	305	22,055	3.18	702	35	16,830	3.40	573	1-72	31	867	-.05	23	55
31-51-9026	7315277	1497602	12-68	3	293	21,090	3.48	733	36	16,663	3.34	557	3-73	34	831	.00	30	59
31-51-9026	7674875	1447414	6-70	1	305	20,830	3.03	631	37	15,290	3.44	526	7-72	36	1,029	-.08	25	63
31-51-9026	7762790	1441026	9-70	1	305	21,790	3.01	655	46	16,180	3.36	544	12-72	35	910	-.10	17	51
31-52-0036	7595840	1500404	6-70	1	305	22,060	3.27	722	10	15,400	3.78	582	12-72	35	975	-.12	16	53
31-52-0056	6744916	1261857	12-66	5	296	15,970	3.92	626	12	12,578	3.59	451	2-73	44	679	.10	39	60
31-52-0064	7030785	1261857	10-66	5	297	16,478	3.96	652	31	14,100	3.70	521	6-72	44	588	.09	35	53
31-52-0064	7306792	1261857	10-67	3	305	17,390	3.69	642	29	14,600	3.73	545	3-72	42	626	.05	30	51
31-52-0064	7769695	1447414	9-69	2	305	18,750	3.73	700	13	15,535	3.75	582	4-73	40	915	-.03	29	62
31-52-0083	6902728	1479043	8-67	4	298	20,335	3.36	683	41	15,868	3.64	578	2-73	39	974	-.07	24	60

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
31-52-0089	7568543	1493686	6-68	3	305	18,740	3.32	623	24	13,716	3.61	495	12-72		42	919	-.01	31	$ 63
31-52-0089	7652860	1427381	1-69	2	305	19,400	3.72	721	14	14,140	3.85	545	8-72		40	1,191	.03	48	89
31-52-0092	5886993	1406271	8-63	7	305	16,550	3.84	635	14	14,396	3.74	538	1-73		44	621	.05	30	50
31-52-0114	7627427	1427381	3-69	2	275	17,035	3.77	642	10	14,000	3.51	492	3-73		40	963	.06	44	76
31-52-0114	7627428	1427381	3-69	2	298	16,265	4.02	654	9	12,810	3.64	466	9-72		40	981	.08	48	80
31-52-0118	7424326	1447141	11-69	2	305	20,140	3.83	772	7	16,330	3.61	590	10-72		40	571	.08	33	51
31-52-0118	8036277	1447141	3-70	1	305	19,550	3.75	733	5	13,240	3.81	504	5-72		36	609	.06	31	51
31-52-0118	8129143	1447141	7-70	1	305	19,260	3.91	753	6	12,960	3.87	501	6-72		36	604	.07	32	51
31-52-0273	6958548	1493686	12-67	3	305	18,956	3.17	600	21	13,716	3.63	498	9-72		42	944	-.04	28	62
31-52-0273	6958549	1493686	12-67	3	305	19,750	3.48	688	20	13,803	3.69	510	1-73		42	1,027	.00	37	73
31-52-0488	7177925	1493686	11-68	2	305	17,145	3.81	653	18	14,360	3.57	513	6-72		40	652	.05	31	53
31-52-0566	7860523	010277939	3-66	1	305	24,370	3.69	900	11	16,390	3.64	596	5-72		19	792	.02	31	58
31-52-0624	6769185	1261857	12-66	5	305	16,160	4.01	648	14	13,860	3.72	515	2-73		44	571	.10	35	53
31-52-0624	6769186	1261857	1-67	3	288	18,777	3.71	697	14	14,460	3.70	535	12-72		42	799	.06	38	64
31-52-0624	6769188	1261857	2-67	4	305	17,750	3.65	648	13	14,438	3.66	529	7-72		44	703	.05	33	56
31-52-9041	6996759	1418927	12-67	3	303	20,447	3.44	704	20	15,150	3.68	557	11-72		42	746	-.02	24	50
31-52-9041	7494859	1447141	10-69	2	305	23,440	3.40	798	20	15,515	3.69	572	2-73		40	972	.01	37	71
31-52-9078	5951270	1271810	9-63	7	303	18,627	3.31	617	23	13,986	3.60	503	11-72		44	856	-.08	19	51
31-52-9078	5951275	1406271	9-63	7	305	19,081	3.78	721	20	14,030	3.56	500	11-72		44	985	.06	45	78
31-52-9078	5951277	1355784	11-63	7	305	18,352	3.27	600	27	13,757	3.61	497	11-72		44	999	-.11	19	57
31-52-9078	6649156	1406271	6-66	5	302	15,208	4.18	636	24	13,628	3.63	495	2-73		44	527	.11	35	51
31-52-9078	6937263	1406271	9-67	4	300	16,213	4.03	653	23	13,523	3.68	498	2-73		44	658	.08	36	57
31-52-9078	7210150	1493686	5-68	3	305	17,123	4.01	686	25	13,546	3.71	502	9-72		42	749	.07	37	61
31-52-9078	7420701	1406271	7-69	2	305	16,135	3.97	641	28	14,195	3.51	497	11-72		40	566	.08	33	51
31-52-9096	7296002	1493686	3-69	1	305	20,400	3.36	685	35	14,820	3.41	505	8-71		36	817	.02	32	60
31-52-9455	7036827	1499158	5-67	2	245	21,820	3.50	763	58	14,560	3.59	523	7-72		29	788	-.01	27	55
31-52-9455	7126342	010275932	6-68	3	305	21,357	3.83	817	39	17,683	3.49	618	1-73		42	603	.07	32	51
31-52-9455	7168332	1268294	8-68	3	305	25,370	2.94	746	37	17,196	3.55	610	11-72		42	1,162	-.14	19	63
31-52-9455	7329352	1427381	6-69	1	305	20,560	3.66	753	31	18,640	3.35	624	1-72		36	913	.07	43	73
31-52-9650	5448661	1138441	7-61	7	305	21,606	3.33	720	54	15,689	3.56	558	1-72		44	1,113	-.11	22	64
31-52-9650	6279237	1015348	10-64	4	305	20,510	3.61	740	47	15,448	3.65	564	2-72		42	956	-.02	32	66
31-52-9650	7106691	1138441	12-67	3	301	23,890	3.09	739	65	14,917	3.71	554	8-72		42	1,377	-.17	23	75
31-52-9650	7683370	1428104	10-70	1	305	23,340	3.26	761	37	14,710	3.54	521	3-73		36	1,111	-.10	24	65
31-54-0036	7559608	1515118	10-69	2	305	19,440	3.43	666	16	16,435	3.51	577	2-73		36	852	-.06	21	52
31-54-0740	7083271	1308101	1-68	3	305	18,617	3.26	607	17	15,530	3.57	554	4-72		42	933	-.06	24	58
31-54-0740	7288690	1308101	12-68	3	305	18,350	3.49	640	23	15,860	3.66	580	12-72		42	872	-.04	25	56
31-54-0740	7502561	1308101	8-69	2	300	19,185	3.41	655	22	15,860	3.69	585	11-72		40	939	-.05	26	60
31-54-0780	7488441	1347940	8-69	2	272	23,900	2.75	657	13	17,050	3.30	562	3-73		40	1,212	-.10	28	73
31-54-0898	6851057	1308101	5-67	3	305	18,157	4.00	727	15	16,583	3.82	634	5-72		42	783	.01	30	57
31-54-9002	7408431	1427381	8-69	2	305	20,280	3.24	658	32	16,595	3.75	622	1-73		40	1,081	-.02	35	73
31-54-9002	7408433	1427381	9-69	2	305	17,500	3.93	687	35	15,810	3.85	608	9-72		40	863	.06	40	69
31-54-9002	7630156	1458744	8-70	1	305	26,200	3.47	908	36	16,760	3.93	659	8-72		36	1,160	-.05	34	76
31-54-9002	7630158	1427381	7-70	1	305	21,320	3.74	797	35	16,840	3.90	657	8-72		36	1,077	-.03	44	81
31-55-0005	6817897	1308101	9-66	4	301	22,073	3.65	806	14	14,913	3.78	564	11-72		44	1,435	-.03	47	98
31-55-0034	7635076	1352979	9-69	1	305	21,290	3.74	797	15	14,460	3.64	527	8-72		36	809	-.05	22	51
31-55-0045	7380529	1308101	7-69	2	304	18,255	3.85	702	11	15,295	3.73	570	12-72		40	890	.00	32	63
31-55-0050	6685082	1308101	8-66	5	303	24,290	3.18	773	14	16,728	3.69	618	12-72		44	1,566	-.11	39	96
31-55-0053	6959295	1308101	8-67	4	305	21,105	3.33	703	15	17,743	3.48	617	10-72		44	1,036	-.05	29	66
31-55-0071	7380526	1519989	9-69	2	302	23,270	3.58	833	8	18,305	3.50	641	11-72		30	876	.02	34	64
31-55-0285	7166778	1298831	11-66	5	305	26,038	3.37	877	5	18,758	3.58	671	4-73		44	965	-.07	24	59
31-55-9390	7217793	1472722	9-68	2	305	19,300	4.27	824	11	16,515	3.83	632	6-72		30	585	.12	40	57
31-56-0023	7249019	1355784	1-68	3	305	19,103	3.38	646	5	15,303	3.65	558	5-72		42	897	-.10	17	51
31-56-9024	6220910	1406271	1-65	6	304	23,065	3.54	817	15	17,548	3.54	621	8-72		44	1,136	.03	45	84
31-56-9024	6879505	1355784	4-67	2	305	23,435	3.44	807	13	17,535	3.58	627	11-71		40	1,115	-.08	27	68
31-57-0011	7270596	1308101	1-69	3	301	19,980	3.37	674	34	17,707	3.57	633	1-73		42	889	-.05	24	56
31-57-0014	6967483	1315578	1-68	4	298	19,643	3.80	746	20	16,215	3.60	584	3-73		44	606	.11	38	57
31-57-0014	7288062	1308101	10-68	3	305	19,310	3.72	719	19	16,243	3.60	584	3-73		42	947	.00	34	67
31-57-0048	7881455	1518086	10-69	2	300	20,515	3.64	747	25	14,770	3.73	551	11-72		38	917	-.04	27	60
31-57-0048	8125315	1308101	7-70	1	284	16,690	3.86	645	23	14,760	3.67	541	8-72		36	759	.00	27	53
31-57-0051	6474167	1308101	10-65	4	305	19,288	3.47	669	14	15,898	3.67	583	1-72		44	994	-.05	28	64
31-57-0051	6888102	1308101	11-66	4	304	18,673	3.59	670	22	16,265	3.60	586	12-72		44	882	-.02	28	59
31-57-0051	6888104	1371548	5-67	3	305	23,250	3.37	783	10	17,010	3.60	612	4-72		42	857	-.04	24	55
31-57-9019	6987100	1308101	12-67	3	305	18,063	3.69	666	23	15,527	3.65	566	4-72		42	869	-.01	29	60
31-57-9019	7132943	1308101	8-68	3	293	19,960	3.44	686	21	15,737	3.69	580	12-72		42	1,068	-.05	30	69
31-57-9019	7171298	1308101	9-68	3	305	16,930	3.69	625	31	14,273	3.73	533	10-72		42	854	-.02	28	58
31-57-9019	7191805	1308101	8-68	2	298	18,080	3.42	619	23	15,490	3.63	562	12-72		40	857	-.04	24	55
31-57-9019	7300873	1308101	11-68	3	297	19,027	3.31	630	35	14,553	3.72	542	9-72		42	1,070	-.07	27	66
31-57-9019	7300874	1308101	12-68	2	305	21,765	3.38	735	21	15,135	3.65	553	3-72		40	1,260	-.06	36	81
31-57-9019	7442555	1308101	9-69	2	304	17,455	3.99	697	19	15,850	3.68	584	11-72		40	764	.02	30	56
31-57-9019	7544639	1450692	3-70	1	305	21,080	3.81	803	38	14,940	3.72	556	8-72		35	840	.02	34	63
31-57-9019	7709042	1450692	11-70	1	305	22,150	2.99	662	8	16,620	3.38	562	4-73		35	819	-.04	23	53
31-59-0030	5057935	1249429	9-59	7	305	19,183	3.62	694	12	14,686	3.73	548	1-72		36	796	-.02	25	53
31-59-0030	6959349	1493686	1-68	3	305	19,443	3.36	654	33	15,160	3.69	560	5-72		42	867	-.02	28	59
31-59-0030	7010509	1493686	1-68	3	300	17,046	3.83	653	27	14,566	3.71	540	7-72		42	646	.04	30	51
31-59-0031	6351665	1406271	11-64	6	303	19,478	3.45	672	22	14,632	3.57	522	7-72		44	974	.01	37	71
31-59-0031	6851259	1406271	11-66	4	305	18,100	4.04	731	22	14,813	3.64	539	7-72		44	764	.09	42	66
31-59-0031	7105807	1406271	3-68	3	305	18,003	3.39	611	27	14,850	3.70	549	9-72		42	730	.00	26	51
31-59-0031	7105809	1406271	7-68	3	304	18,057	4.56	823	24	13,983	3.63	508	7-72		42	816	.16	54	78
31-59-0031	7419806	1493686	12-68	2	305	18,135	4.52	820	28	15,040	3.73	561	8-72		40	697	.12	44	65
31-59-0031	7419810	1493686	4-69	2	305	18,330	3.10	568	27	13,990	3.79	530	7-72		40	802	-.05	21	50
31-59-0033	6708337	1330987	12-66	4	300	18,190	3.67	668	12	14,752	3.73	550	8-72		44	673	.04	30	53
31-59-0033	7286542	1447141	2-69	3	302	20,106	3.62	728	7	16,230	3.73	606	1-73		42	627	.04	29	50
31-59-0033	7682049	1406271	1-70	2	301	18,640	3.56	664	13	15,180	3.84	583	10-72		40	737	.01	28	53
31-59-0063	7243883	1406271	4-68	3	305	17,240	4.01	691	22	14,707	3.85	566	6-72		42	655	.06	33	54
31-60-9036	6853298	1458744	9-66	5	305	16,608	4.23	703	9	14,436	3.57	516	2-73		44	648	.08	36	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	DAYS REPT	C D W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOLLARS
31-65-0002	7204288	1392858	7-68	2	305	20,940	3.49	730	11	15,230	3.93	599	4-73		40	764	-.02	25	$ 52
31-65-0044	7365243	1308101	9-67	3	305	17,700	3.46	613	6	14,780	3.55	524	11-72		42	896	-.03	27	59
31-65-0049	7632699	1308101	1-70	1	305	22,360	3.09	690	9	17,340	3.38	586	3-72		36	1,027	-.06	27	64
31-65-9022	6647088	1466380	6-66	4	305	18,760	3.12	585	42	13,660	3.43	468	7-72		35	914	-.08	21	55
31-65-9022	7394375	1352979	1-69	2	305	21,760	3.04	662	67	14,410	3.37	485	9-72		40	1,027	-.11	19	58
31-67-0025	7647449	1406271	7-70	1	305	16,330	3.83	625	20	12,220	3.60	440	2-73		36	669	.05	32	54
31-67-0029	7062993	1484741	1-68	2	305	21,685	3.29	713	15	14,360	3.75	539	1-72		35	1,014	-.09	22	60
31-67-0036	6330203	1406271	5-65	3	305	17,597	3.37	593	8	14,277	3.57	509	1-73		42	736	.00	27	53
31-67-0405	6468434	1182696	10-65	5	305	19,482	4.10	799	29	16,030	3.79	608	11-72		44	719	.08	38	61
31-67-0405	6468436	1308101	7-65	5	305	18,080	3.77	681	30	15,874	3.84	609	11-72		44	853	-.02	28	58
31-67-0405	6730156	1315578	11-66	4	305	20,398	4.12	840	28	17,188	3.77	648	3-72		44	603	.15	44	61
31-67-0405	7216101	1308101	10-68	2	294	18,815	3.60	677	22	16,515	3.79	626	3-72		40	848	-.04	25	55
31-67-0405	7424254	1308101	7-69	2	305	18,140	3.63	658	32	15,990	3.83	613	11-72		40	822	-.04	24	54
31-67-0405	7549172	1450692	4-70	1	305	21,660	3.73	808	23	14,860	3.89	578	8-72		35	888	.01	33	64
31-67-0405	7549180	1515118	12-69	2	305	20,855	3.51	731	44	16,845	3.78	637	12-72		36	970	-.08	22	58
31-67-0405	7715016	1308101	6-70	1	305	17,550	3.51	616	26	15,360	3.87	594	7-72		36	787	-.04	22	50
31-67-0828	6675656	1308101	6-66	5	305	20,174	3.59	725	61	16,774	3.62	607	1-73		44	1,030	-.02	34	70
31-67-0828	6675658	1315578	7-66	4	305	18,725	4.03	755	50	16,620	3.56	591	1-72		44	453	.15	39	51
31-67-0828	7228223	1308101	10-68	3	296	18,550	3.58	664	57	16,847	3.69	621	10-72		42	804	-.03	24	53
31-67-0828	7228224	1308101	12-68	2	305	22,615	3.11	704	43	17,385	3.65	634	4-72		40	1,163	-.09	27	70
31-67-9019	5933919	010250599	11-63	1	305	23,390	3.83	895	15	15,970	3.93	627	12-72		22	955	.00	34	67
31-67-9019	6422039	1347940	8-65	5	305	21,588	3.28	709	16	16,212	3.71	601	3-73		44	1,170	-.06	32	74
31-67-9019	6456782	1429821	11-65	4	305	21,802	3.82	832	17	15,992	3.96	634	12-72		39	932	-.04	28	61
31-67-9019	6989217	1450228	2-68	2	305	17,375	3.87	673	23	14,220	3.88	552	8-72		40	787	-.01	27	55
31-67-9031	4782448	1216722	10-58	8	305	18,279	3.74	684	43	13,748	3.69	507	12-72		36	684	.01	26	50
31-68-0013	7222768	1308101	9-68	2	305	18,835	3.77	711	21	15,975	3.97	634	5-72		40	894	-.03	27	59
31-68-0013	7222770	1315578	12-68	2	305	23,015	3.61	830	30	17,800	3.92	697	11-72		40	746	.05	35	60
31-68-0013	7883354	1308101	10-70	1	305	22,200	3.68	818	23	18,320	3.93	720	12-72		36	957	-.03	29	63
31-68-0038	6922309	1216957	1-67	2	305	21,920	4.06	889	42	16,325	3.72	607	1-73		40	588	.08	34	52
31-68-0038	7555258	1526710	1-69	3	305	21,003	3.94	827	27	16,633	3.61	600	3-73		29	680	.07	35	57
31-68-0038	7718854	1386406	3-69	2	305	19,815	4.12	817	30	16,520	3.63	600	3-73		40	573	.08	33	51
31-68-0074	7556390	1308101	11-69	2	305	21,555	3.33	717	36	16,100	3.72	599	10-72		40	1,160	-.07	31	73
31-68-0074	7608202	1308101	2-70	1	305	22,850	3.68	842	31	16,680	3.72	621	11-72		36	1,103	-.02	37	76
31-68-0074	8068163	1321904	8-70	1	305	25,660	3.37	864	29	17,440	3.66	639	1-73		35	773	-.03	23	51
31-68-0825	7109837	1392858	2-68	3	305	25,983	3.05	793	15	16,613	3.58	595	11-72		42	1,290	-.08	34	81
31-68-0825	7646104	1450692	7-70	1	305	19,170	4.30	824	21	16,100	3.66	590	8-72		35	625	.07	33	53
31-68-0887	7723866	1458744	8-70	1	61	25,170	3.35	843	8	19,530	3.72	727	11-72	B	36	919	-.05	25	58
31-68-9047	7533185	1408640	11-69	2	305	25,775	3.27	844	16	19,935	3.83	763	3-73		40	895	-.07	21	54
31-68-9047	7592185	1427381	11-69	2	305	22,895	3.93	899	18	20,250	3.70	750	2-73		40	1,050	.08	50	85
31-68-9047	7592186	1427381	1-70	2	305	23,800	3.89	927	12	19,825	3.75	743	3-73		40	1,176	.07	53	92
31-68-9047	7592187	1427381	1-70	1	305	22,990	3.79	872	15	20,600	3.68	758	2-72		36	977	.06	44	77
31-69-0015	7212150	1447141	10-68	2	305	21,180	4.06	859	12	17,370	3.95	686	1-72		40	592	.08	36	53
31-69-0300	6470766	1271810	10-65	5	305	19,150	3.30	632	11	14,402	3.58	516	5-72		44	881	-.08	20	53
31-70-0002	7719549	1466901	1-70	2	299	21,980	3.10	681	10	14,135	3.56	503	3-73		38	1,324	-.09	33	81
31-71-0005	7639344	1308101	6-69	2	305	15,525	3.48	540	33	13,350	3.48	464	7-72		40	771	-.02	24	51
31-72-0063	7662520	1458744	7-70	1	305	22,660	3.24	734	22	16,690	3.34	558	12-72		36	901	-.03	27	59
31-72-9019	7114746	1493686	3-68	3	305	19,026	3.72	707	26	16,060	3.87	621	6-72		42	736	.02	29	54
31-72-9019	7157646	1493686	5-68	3	305	19,283	3.44	664	26	15,990	3.83	612	12-72		42	772	-.02	25	52
31-72-9037	6678372	1297169	8-66	3	305	21,673	4.05	878	36	15,903	3.70	589	8-71		42	556	.09	33	50
31-72-9037	7243802	1297169	11-68	2	305	21,920	4.25	932	34	15,600	3.57	557	10-72		40	519	.12	37	52
31-72-9037	7484273	1493686	11-69	1	305	21,350	3.39	724	43	15,640	3.61	564	11-71		36	839	.01	31	60
31-72-9037	7583490	1493686	11-69	1	305	21,190	3.39	718	33	15,370	3.68	566	2-72		36	844	.00	31	60
31-72-9037	7753500	1447141	11-70	1	283	23,110	3.60	833	25	15,850	3.92	621	3-73		36	718	.03	31	55
31-72-9039	7287702	1418927	1-69	2	305	22,980	3.86	888	18	16,095	3.90	627	4-72		40	853	.03	35	64
31-74-0059	6760625	1406271	3-67	3	305	16,080	3.36	540	57	10,917	3.57	390	3-72		42	870	.00	32	62
31-74-0074	5712842	1268689	9-62	8	301	23,244	3.19	741	15	17,250	3.39	585	10-72		44	867	-.07	21	53
31-74-0074	6983324	1352953	11-67	3	305	25,513	3.15	804	22	17,727	3.42	606	4-72		42	943	-.06	25	59
31-74-0074	7290786	1386406	2-69	2	305	24,345	3.21	781	17	18,855	3.32	626	3-72		40	843	-.02	27	57
31-74-9045	6091059	1237057	5-64	5	305	24,842	3.30	819	25	16,630	3.37	561	9-71		44	1,293	-.07	36	83
31-74-9045	6441787	1237057	1-66	4	305	22,552	3.09	696	20	15,600	3.41	532	7-72		44	1,068	-.10	22	62
31-74-9045	6792057	1430880	11-66	2	305	23,340	3.11	726	15	15,625	3.33	520	6-72		25	1,002	-.06	26	63
31-75-0016	6940673	1315578	8-67	3	305	18,783	4.01	754	377	14,300	3.52	503	2-72		42	655	.15	46	65
31-75-0016	7102295	1308101	8-67	3	305	17,613	3.80	669	12	15,020	3.68	553	10-72		42	864	.00	31	61
31-75-0016	7153640	1308101	9-68	3	305	16,477	3.84	633	22	14,570	3.38	492	10-72		42	775	.03	32	58
31-75-0016	7390283	1427381	5-69	2	242	15,465	3.67	567	194	12,805	3.47	444	2-73		40	900	.06	41	71
31-75-0016	7488991	1347940	9-69	2	305	18,670	3.12	583	17	13,670	3.44	470	7-72		40	956	-.04	28	62
31-75-0016	7680404	1406271	8-70	1	305	17,560	3.22	565	22	12,740	3.53	450	11-72		36	729	.01	27	52
31-75-0016	7680411	1427381	7-70	1	305	17,680	3.81	681	23	12,810	3.51	450	11-72		36	1,061	.06	48	83
31-75-0017	7454921	1308101	7-69	2	305	19,585	3.32	650	16	16,585	3.64	604	11-72		40	921	-.06	24	58
31-75-0017	7670748	1427381	6-70	1	291	19,160	3.44	659	10	16,530	3.42	566	2-73		36	935	.03	39	71
31-75-0050	7915883	1458744	8-70	1	305	20,160	3.84	774	17	15,640	3.57	559	12-72		36	777	.01	30	57
31-75-0054	7492642	1308101	7-69	2	305	16,100	3.57	574	10	13,235	3.60	477	10-72		40	839	-.03	26	56
31-75-0059	6859931	1308101	7-67	4	294	19,295	3.43	661	13	16,055	3.52	565	6-72		44	979	-.04	29	64
31-75-0210	6018642	1406271	10-63	7	303	19,279	3.26	629	11	15,257	3.55	542	2-72		44	884	-.02	29	60
31-75-0385	7264134	1308101	2-69	2	206	22,275	4.53	1009	25	18,150	3.70	671	4-72	B	40	1,067	.11	55	90
31-75-0385	7526949	1536047	2-70	1	305	23,450	3.48	815	23	16,750	3.80	636	7-72		30	934	-.05	26	60
31-75-0560	6680557	1308101	9-66	5	299	17,734	3.44	610	12	16,172	3.46	559	3-73		44	778	-.03	24	52
31-75-0560	6882051	1308101	8-67	4	305	18,513	3.62	670	13	16,360	3.50	573	2-73		44	853	.00	30	60
31-75-0560	7698929	1308101	7-70	1	305	17,000	3.38	575	12	14,410	3.87	558	8-72		36	803	-.05	21	50
31-75-9046	6359034	1112211	6-65	5	305	17,534	3.79	665	13	14,386	3.65	525	6-72		44	743	.00	27	53
31-75-9056	6988812	1392858	11-67	3	305	18,116	4.54	823	24	16,240	3.57	579	8-72		42	419	.16	39	50
31-75-9056	7571568	1347940	4-70	1	305	20,760	3.64	756	34	15,820	3.84	607	1-73		36	884	-.01	31	62
31-75-9280	6689762	1308101	11-66	5	284	17,656	3.27	578	18	14,772	3.47	513	12-72		44	912	-.05	25	58
31-75-9280	7005095	1392858	3-68	3	305	21,306	3.83	817	26	16,736	3.57	598	11-72		42	740	.07	37	61
31-75-9280	7225812	1308101	1-69	2	305	21,090	3.80	802	20	15,995	3.72	595	7-72		40	1,121	.00	40	79

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-75-9280	7341887	1308101	5-69	2	305	19,375	3.51	680	26	17,155	3.51	602	10-72		40	853	-.02	27	$ 57
31-75-9280	7465301	1427381	12-69	1	305	21,720	4.07	883	26	17,630	3.72	655	3-72		36	1,060	.08	51	86
31-75-9280	7794869	1392858	1-71	1	305	23,610	3.77	891	30	18,250	3.50	638	1-73		36	636	.05	31	52
31-75-9280	8085209	1458744	5-70	1	305	20,670	3.78	782	34	17,770	3.58	636	10-72		36	688	.01	26	50
31-75-9665	6535533	1386406	11-65	4	305	23,510	3.39	796	5	16,727	3.74	625	4-73		44	1,078	-.04	32	71
31-75-9665	7560627	1383004	7-69	2	305	26,525	3.93	1043	13	15,770	3.68	581	12-72		40	1,066	.14	61	95
31-76-0058	7247334	1427381	11-68	2	303	16,685	4.06	678	26	14,400	3.74	538	10-72		40	895	.08	44	73
31-76-0058	7498231	1427381	8-69	2	305	18,075	3.84	694	27	14,555	3.73	543	9-72		40	1,023	.06	46	80
31-76-0064	5625198	1244845	2-62	6	304	17,613	3.70	651	17	12,927	3.78	488	3-73		44	748	-.03	23	50
31-76-0078	7229983	1308101	2-69	3	302	16,767	3.85	645	6	15,133	3.92	593	3-73		42	757	-.02	24	51
31-76-0089	6647662	1406271	7-66	5	305	17,642	3.94	695	37	14,886	3.55	528	10-72		44	711	.09	39	62
31-76-0089	7577070	1355784	6-69	1	305	21,390	3.26	693	27	15,040	3.64	547	11-71		35	969	-.11	18	54
31-76-0089	7674679	1355784	7-69	2	305	20,475	3.47	711	28	15,765	3.65	575	4-73		40	957	-.09	21	56
31-76-0099	7496426	1447141	1-70	2	305	19,450	4.04	785	8	14,535	3.86	561	3-73		40	646	.09	37	57
31-76-0101	7457434	1427381	9-69	2	304	17,685	3.43	607	24	15,525	3.62	562	9-72		40	905	.02	35	66
31-76-0101	7457435	1427381	9-69	1	305	19,170	4.14	793	27	15,220	3.71	564	9-72		36	1,013	.08	49	82
31-76-0101	7457437	1427381	12-69	1	305	17,760	4.29	762	20	14,800	3.69	546	7-72		36	933	.09	48	78
31-76-0101	7457438	1427381	12-69	1	305	18,130	3.79	687	22	15,040	3.71	558	8-72		36	947	.05	42	74
31-76-0101	7526512	1427381	12-69	1	305	17,960	3.36	599	22	15,040	3.71	558	8-72		36	934	.01	35	67
31-76-0104	6510899	1406271	1-66	4	305	17,800	3.72	662	22	15,315	3.68	563	7-72		44	677	.04	31	54
31-76-0104	7303010	1493686	8-68	3	305	19,660	3.38	665	16	16,220	3.48	565	2-73		42	795	.00	29	57
31-76-0113	6312595	1355784	4-65	6	305	18,271	3.57	652	19	14,910	3.87	577	2-73		44	868	-.09	17	50
31-76-0130	6643182	1154946	8-66	4	299	22,436	3.34	749	8	16,063	3.83	616	3-73		44	973	-.09	21	57
31-76-0130	6986671	1383004	2-68	3	305	20,450	4.47	914	7	16,980	3.67	623	6-72		42	406	.22	48	57
31-76-0131	6807253	1308101	2-67	4	304	17,948	3.37	605	14	15,243	3.58	546	9-72		44	893	-.05	24	56
31-76-0131	6867711	1308101	8-67	3	305	19,787	3.37	666	17	16,573	3.64	603	11-72		42	971	-.06	26	61
31-76-0131	7013661	1308101	12-67	3	305	19,957	3.57	713	13	15,687	3.67	576	2-73		42	1,072	-.03	34	72
31-76-0375	7229534	1493686	6-68	2	305	17,875	4.12	737	9	13,725	3.62	497	10-71		40	778	.08	41	66
31-76-0375	7353842	1383004	5-69	2	305	20,835	3.77	785	24	15,205	3.84	584	9-72		40	534	.10	34	50
31-76-0706	5927805	1406271	11-63	7	305	19,176	3.65	700	46	15,106	3.73	563	7-72		44	886	.03	36	66
31-76-0706	6724066	1406271	12-66	4	305	17,048	3.85	656	45	14,215	3.73	530	8-72		44	693	.06	34	57
31-76-0706	7475398	1500404	8-69	1	305	20,120	3.55	715	81	14,730	3.75	553	10-72		35	869	-.09	18	50
31-76-0706	7494641	1493686	11-69	2	305	19,625	3.79	743	29	15,470	3.82	591	3-73		40	814	.03	34	62
31-76-0706	7562308	1493686	1-70	1	305	18,260	3.79	692	34	14,800	3.86	571	4-72		36	659	.03	29	51
31-76-9004	7265346	1427381	2-69	2	305	18,860	3.84	724	20	15,085	3.61	545	3-73		40	1,060	.06	48	83
31-76-9005	6331057	1439509	1-65	5	305	21,198	3.64	771	13	15,844	3.67	582	4-72		32	888	.00	32	63
31-76-9015	6633707	1406271	1-66	3	305	18,687	4.07	760	18	15,083	3.72	561	7-72		42	787	.09	42	67
31-76-9015	7094238	1471338	5-67	2	305	18,660	4.16	776	13	15,200	3.75	570	12-72		29	658	.09	37	58
31-76-9015	7096240	1471338	5-67	3	300	18,106	3.87	701	15	14,773	3.76	555	6-72		32	676	.04	31	53
31-76-9015	7157654	1471338	7-67	3	305	17,416	4.42	770	14	14,350	3.81	547	4-73		32	628	.12	41	60
31-76-9015	7157657	1471338	12-67	2	305	18,710	3.48	652	14	14,180	3.76	533	3-72		29	762	-.02	25	52
31-76-9015	7157658	1471338	4-68	2	305	18,990	4.01	762	15	14,645	3.74	547	12-72		29	751	.06	37	62
31-76-9015	7399646	1471338	4-69	2	305	19,335	3.61	698	13	14,670	3.82	561	4-73		29	789	.00	28	56
31-76-9015	7399647	1471338	5-69	2	305	18,285	3.82	699	12	14,475	3.86	559	3-73		29	683	.02	28	51
31-76-9044	6926610	1236789	11-67	3	305	18,076	3.82	691	8	14,453	3.85	557	8-72		42	703	.01	27	51
31-76-9090	6748370	1406271	8-66	5	301	16,136	3.87	624	8	13,822	3.72	514	4-73		44	627	.06	31	51
31-76-9090	6748372	1406271	9-66	5	299	16,452	3.80	625	14	14,316	3.72	533	11-72		44	616	.05	30	50
31-76-9095	7510540	1489961	12-69	1	305	21,490	4.26	915	6	17,800	3.63	646	10-71		35	466	.16	41	53
31-76-9119	7257268	1447141	2-69	2	305	22,125	3.27	724	22	15,760	3.59	565	7-72		40	816	.00	30	58
31-76-9119	7356114	1515967	5-69	2	305	19,785	3.71	735	16	14,590	3.52	513	9-72		30	771	.03	33	59
31-76-9119	7521453	1515967	7-69	2	305	20,280	3.36	681	18	15,035	3.58	538	7-72		30	788	-.03	24	52
31-76-9150	5994605	1406271	12-63	7	302	20,027	4.04	810	27	14,663	3.66	536	1-73		44	1,042	.10	53	87
31-76-9150	7185025	1528456	9-68	2	305	21,385	3.78	808	21	14,695	3.82	562	7-72		25	848	.01	32	61
31-76-9150	7681957	1500404	11-70	1	305	22,960	3.43	766	22	16,070	3.86	620	1-73		35	958	-.11	17	53
31-76-9550	7415303	1493686	4-69	1	297	18,870	3.92	739	24	14,890	3.84	572	6-72		36	699	.04	32	55
31-76-9550	7606995	1493686	6-69	1	305	18,120	3.73	675	22	14,150	3.86	546	3-72		36	688	.03	29	52
31-76-9550	7606996	1493686	6-69	2	303	18,490	3.57	660	19	15,285	3.77	577	8-72		40	714	.01	27	52
31-78-0037	7311539	1308101	11-68	3	301	19,047	3.30	629	9	15,570	3.83	596	12-72		42	978	-.08	22	58
31-78-0038	7549162	1515118	11-69	2	294	23,745	3.05	724	28	18,670	3.77	704	12-72		36	1,125	-.16	16	59
31-78-0039	7578787	1427381	3-70	1	305	16,360	4.24	694	11	13,340	3.79	506	11-72		36	916	.08	46	76
31-78-0066	6986046	1458744	1-68	1	305	20,220	3.68	744	27	14,750	3.72	549	11-71		36	835	-.01	29	58
31-78-0066	7081789	1490794	12-67	3	305	22,473	3.81	857	31	13,943	3.78	527	8-72		34	1,412	.03	56	104
31-78-0066	7253643	1441440	11-68	2	305	19,845	4.30	854	16	14,435	3.75	542	10-72		40	852	.11	47	74
31-78-0105	7255223	1308101	1-69	2	305	15,745	3.61	568	16	13,250	3.98	527	7-72		40	802	-.04	22	51
31-78-0105	7403599	1308101	2-69	2	298	15,735	3.95	622	26	13,465	3.92	528	10-72		40	783	-.01	27	54
31-78-0105	7419843	1308101	6-69	2	303	18,360	3.76	691	26	13,685	3.89	533	11-72		40	1,032	-.02	34	70
31-78-0105	7521468	1450692	12-69	1	305	17,840	3.71	662	22	12,770	3.95	504	9-72		35	726	.00	26	51
31-78-0105	7744001	1308101	11-70	1	305	15,350	4.20	644	15	13,440	3.82	514	2-73		36	737	.01	28	53
31-78-0480	6527679	1315578	12-65	6	301	20,632	3.92	808	35	16,235	3.81	619	3-73		44	750	.11	44	67
31-78-0480	6884657	1308101	9-67	4	298	19,668	3.41	670	48	16,113	3.80	613	10-72		44	1,020	-.07	26	63
31-78-0480	7187799	1308101	11-68	2	299	20,075	3.50	702	42	16,485	3.80	626	5-72		40	978	-.05	27	62
31-78-0480	7422005	1371548	9-69	2	305	23,185	3.99	924	37	16,805	3.86	649	2-73		40	772	.03	33	59
31-78-0612	6387902	1308101	7-65	5	282	17,442	3.63	633	20	14,022	3.78	530	3-73	B	44	962	-.03	30	64
31-78-0612	6808344	1308101	1-67	3	305	16,403	4.24	695	15	14,317	3.79	542	5-72		42	790	.04	35	61
31-78-0612	6808345	1308101	4-67	4	304	20,753	3.74	776	23	14,990	3.82	572	2-73		44	1,265	-.02	43	87
31-78-0612	7151164	1308101	8-68	3	267	16,373	4.00	655	13	14,847	3.87	574	2-73	B	42	737	.00	27	53
31-78-0612	7237727	1308101	12-68	2	295	15,895	3.83	608	25	13,815	3.89	537	8-72		40	771	-.02	25	52
31-78-0612	7619199	1308101	12-69	1	305	17,420	3.94	686	24	13,300	3.85	512	8-72		36	900	.00	32	63
31-78-0744	7898909	1399824	2-70	1	305	21,310	4.45	948	18	17,870	3.50	626	4-72		36	640	.12	41	60
31-78-0744	7978925	1406271	8-70	1	305	23,690	3.90	924	16	16,710	3.66	612	12-72		36	949	.06	44	75
31-78-0780	6730196	1315578	2-67	4	305	18,045	4.15	749	23	15,198	3.61	548	12-72		44	509	.16	42	56
31-78-0780	6924655	1308101	10-67	3	305	19,023	3.39	644	21	15,443	3.68	568	1-72		42	987	-.05	27	63
31-78-0780	7263231	1308101	11-68	3	300	16,857	3.73	628	30	14,963	3.58	535	10-72		42	782	.00	28	55
31-78-0780	7504361	1392858	8-69	2	302	21,120	3.46	731	20	16,405	3.54	581	12-72		40	687	.01	27	51
31-78-0780	7504371	1321904	10-69	2	305	23,025	2.91	670	23	15,375	3.61	555	12-72		40	898	-.10	16	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-78-9068	6487085	1417440	10-65	5	305	21,854	3.28	717	9	15,452	3.56	550	5-72		32	1,041	-.06	28	$ 66
31-78-9068	7284323	1506151	1-69	2	305	20,455	3.89	795	10	14,420	3.86	557	8-72		29	725	.05	33	57
31-78-9336	6447660	1282185	2-66	5	304	21,664	3.36	728	28	15,784	3.71	585	11-72		44	819	-.06	20	50
31-78-9336	6742894	1282185	11-66	4	289	20,625	3.71	765	29	15,208	3.64	553	8-72	B	44	715	.01	27	52
31-78-9336	7438340	1428104	8-69	1	305	20,870	3.38	706	34	15,290	3.73	570	7-72		36	892	-.10	17	50
31-79-0002	6416573	1308101	8-65	6	305	19,613	3.18	624	8	17,168	3.59	616	11-72		44	917	-.08	20	54
31-79-0002	6673806	1308101	9-66	5	305	18,818	3.62	682	5	16,248	3.45	561	7-72		44	910	.00	33	65
31-79-0002	7039481	1308101	1-68	3	305	20,367	3.48	708	6	16,813	3.47	584	9-72		42	1,016	-.02	33	69
31-79-0002	7250693	1308101	11-68	3	305	18,917	3.63	686	5	17,243	3.49	602	10-72		42	810	-.01	28	56
31-79-0002	7534690	1308101	7-69	2	305	21,925	3.25	712	5	18,625	3.58	666	12-72		40	993	-.07	25	61
31-79-0002	7741613	1308101	11-70	1	305	19,230	3.27	629	9	16,880	3.44	581	9-72		36	821	-.04	23	53
31-79-0006	7433496	1435064	4-69	2	305	21,445	3.94	846	23	16,515	3.54	585	8-72		39	665	.05	32	54
31-79-0006	7433500	1386859	9-69	2	297	20,020	3.72	744	22	16,345	3.55	580	8-72		40	639	.04	29	50
31-79-0018	8187069	010304534	1-70	1	305	21,960	4.29	942	33	16,320	3.21	524	12-72		19	568	.13	40	57
31-79-0022	6742259	1315578	11-66	4	305	20,470	3.94	806	42	16,138	3.52	568	12-72		44	716	.14	47	69
31-79-0022	7676727	1308101	7-69	3	296	20,983	3.31	694	31	17,177	3.55	610	1-73		42	1,053	-.06	28	66
31-79-0026	6589168	1406271	7-66	5	305	22,702	3.62	821	15	16,490	3.55	585	2-73		44	1,198	.04	49	90
31-79-0026	7083643	1493686	6-68	2	305	21,655	3.44	745	17	16,560	3.65	604	2-72		40	931	.00	33	66
31-79-0026	7349649	1355784	6-69	2	304	20,375	3.46	704	14	16,175	3.78	612	1-73		40	913	-.10	17	51
31-79-0026	7349651	1355784	6-69	1	305	20,810	3.38	703	9	15,590	3.73	581	2-73		35	892	-.10	17	50
31-79-0026	7390426	1500404	9-69	1	305	22,480	3.39	761	16	14,980	3.74	561	7-72		35	1,032	-.11	20	59
31-79-0039	7536365	1427381	2-70	1	305	18,790	3.60	677	9	14,430	3.80	549	7-72		36	1,032	.03	42	77
31-79-0039	7559356	1427381	1-70	1	305	18,920	3.63	687	9	14,430	3.80	549	7-72		36	1,042	.03	42	78
31-79-0057	7107968	1458744	11-67	3	305	16,600	4.32	717	9	14,743	3.53	520	10-72		42	603	.09	35	54
31-79-0078	7457440	1406271	1-70	1	305	19,810	3.27	647	5	14,610	3.63	531	3-73		36	786	.00	29	56
31-79-0079	7736170	1450692	1-71	1	305	19,100	3.75	716	16	15,490	3.52	545	12-72		35	657	.03	28	50
31-79-0079	7882636	1450692	1-71	1	305	19,130	3.64	697	18	15,310	3.54	542	11-72		35	670	.02	27	50
31-79-0455	7191926	1308101	8-68	2	301	16,150	3.72	601	9	13,895	3.99	555	9-72		40	790	-.04	23	51
31-79-0455	7595999	1427381	12-69	1	305	20,490	3.93	806	8	14,480	3.98	577	12-72		36	1,156	.05	50	89
31-79-0875	6384762	1330987	5-65	5	305	19,142	3.55	680	21	15,904	3.63	578	4-72		44	692	.02	28	52
31-79-0875	7583949	1427381	10-69	1	305	16,440	4.15	683	54	13,320	3.69	491	10-72		36	923	.08	46	76
31-79-0875	7664900	1427381	3-70	1	305	15,770	4.12	650	54	13,320	3.69	491	10-72		36	873	.07	43	72
31-79-9718	5902176	1189870	9-63	6	301	22,605	3.69	833	15	17,170	3.62	622	4-72		44	922	.02	37	69
31-79-9718	6512696	1282185	10-65	4	305	23,825	3.35	798	15	17,765	3.62	643	3-72		44	857	-.06	22	53
31-79-9718	7523498	1458744	12-69	2	305	20,875	3.57	745	7	16,730	3.87	648	4-73		40	863	-.03	26	57
31-79-9718	7559354	1427381	10-69	1	305	25,960	3.88	1006	22	18,790	3.48	653	1-72		36	1,307	.08	60	103
31-79-9718	7559355	1427381	11-69	2	305	22,630	3.84	869	20	18,405	3.53	650	3-73		40	1,173	.08	55	94
31-80-0022	7431390	1493686	7-69	2	305	16,655	4.00	666	18	14,370	3.68	529	8-72		40	602	.06	31	50
31-80-0022	7491619	1493686	6-69	2	305	19,270	3.62	697	12	13,725	3.59	493	6-72		40	919	.03	37	68
31-80-0056	6126830	1417208	7-64	3	305	23,763	3.41	810	15	16,090	3.36	540	1-73		42	1,236	.00	44	87
31-80-0061	6878466	1406271	9-67	3	293	19,277	3.77	726	11	16,550	3.69	610	12-72		42	720	.05	33	57
31-80-0061	7404206	1500404	8-69	1	305	23,210	3.55	823	5	17,670	3.98	704	5-72		35	925	-.10	17	52
31-80-0083	6746917	1321904	8-66	3	305	20,630	3.66	755	17	15,627	3.65	570	11-72		42	706	.00	26	51
31-80-0846	7720233	1406271	12-70	1	305	25,260	3.12	789	18	19,330	3.34	645	1-73		36	910	.00	32	64
31-80-0846	8005323	1427381	3-70	2	240	26,880	3.27	879	17	18,380	3.43	631	3-73	B	40	1,606	.00	57	113
31-80-9049	6330639	1406271	5-65	6	302	20,650	4.04	834	21	16,517	3.94	650	1-73	H	44	931	.07	44	75
31-80-9049	7174276	1506725	8-68	3	305	25,333	3.71	940	22	17,960	3.97	713	12-72		33	1,297	-.02	43	89
31-80-9053	5646071	1383247	9-62	7	305	24,695	3.30	814	10	17,240	3.62	624	3-72		44	1,215	-.10	28	73
31-80-9053	5843718	1383247	7-63	6	305	22,363	3.55	795	11	17,133	3.63	622	1-72		44	925	-.05	26	59
31-80-9053	6588243	1315578	4-66	4	305	21,863	3.57	781	18	18,308	3.50	640	2-72		44	673	.08	37	58
31-80-9053	6639250	1383247	8-66	4	305	22,857	3.28	749	10	17,867	3.54	632	4-72		44	884	-.09	18	51
31-80-9053	7117867	1315578	3-68	3	305	22,833	3.20	731	20	18,473	3.57	659	9-72		42	737	.02	29	54
31-80-9053	7141903	1406271	4-68	3	305	22,233	3.68	818	20	18,397	3.53	649	12-72		42	890	.05	40	70
31-80-9093	7692807	1450228	9-70	1	305	26,300	3.98	1046	18	19,680	3.68	724	9-72		36	1,073	.02	42	79
31-80-9053	7793057	1399824	11-70	1	305	24,410	3.11	759	11	19,230	3.71	714	2-73		36	790	-.04	22	51
31-80-9053	7793060	1458744	12-70	1	305	26,030	3.28	854	20	19,600	3.76	737	11-72		36	978	-.06	26	62
31-80-9440	6396183	1406271	8-65	4	305	18,898	4.47	845	20	15,290	3.93	601	5-72		44	815	.13	50	75
31-80-9440	7167477	1399824	8-68	2	305	21,765	3.49	759	25	15,695	3.78	593	10-72		40	953	-.01	33	66
31-80-9440	7353803	1509650	5-69	2	305	21,770	3.79	825	21	16,315	3.86	630	1-73		25	733	.01	28	53
31-80-9440	7438915	1406271	8-69	1	305	20,200	3.39	685	21	15,170	3.67	557	8-72		36	781	.01	30	57
31-81-0015	7227231	1308101	12-68	3	294	17,707	3.33	590	8	13,913	3.55	494	2-73		42	977	-.05	27	62
31-81-0595	7379362	1308101	3-69	2	305	17,495	3.42	598	11	14,515	3.59	521	4-72		40	877	-.04	25	57
31-81-9004	7318170	1392858	4-69	2	305	22,225	3.48	774	12	17,335	3.51	609	1-73		40	723	.02	29	54
31-83-9026	6249734	1426616	11-64	6	305	19,210	3.81	731	70	14,011	3.63	508	1-73		44	873	.02	35	65
31-83-9026	6249735	1426616	12-64	6	305	18,686	3.86	721	61	13,638	3.70	505	9-72		44	844	.02	34	63
31-83-9026	6542686	1426616	12-65	5	305	19,158	3.36	643	62	13,922	3.69	514	7-72		44	876	-.05	23	55
31-83-9026	6570075	1426616	6-65	5	305	21,744	4.52	982	61	14,636	3.66	535	1-73		44	1,139	.15	65	101
31-83-9026	6629583	1426616	8-66	2	305	20,335	3.89	792	71	14,190	3.57	507	3-72		40	844	.04	36	65
31-83-9026	6629585	1426616	9-66	3	305	21,133	3.46	732	63	14,463	3.66	529	4-72		42	993	-.03	31	66
31-83-9026	6931795	1450228	7-67	2	305	22,290	3.74	833	62	15,825	3.69	584	10-72		40	1,155	-.01	40	80
31-83-9026	6931805	1426616	4-67	3	305	20,056	3.49	699	64	14,870	3.52	524	4-73		42	829	-.02	27	56
31-83-9026	6931806	1426616	5-67	2	305	19,880	3.65	725	64	13,255	3.62	480	7-72		40	874	.00	31	62
31-83-9026	6931813	1426616	7-67	3	305	20,346	3.50	713	62	14,146	3.67	519	9-72		42	930	-.03	29	62
31-83-9026	6961595	1426616	9-67	3	305	18,646	3.44	642	61	13,656	3.68	503	8-72		42	778	-.03	23	51
31-83-9026	6961598	1426616	12-67	3	305	19,626	3.55	696	74	15,506	3.50	542	3-73		42	720	-.01	25	50
31-83-9026	6961599	1450228	10-67	3	305	19,903	3.86	768	90	14,576	3.66	534	5-72		42	1,070	.02	41	78
31-83-9026	6961600	1450228	12-67	3	305	21,826	3.52	769	81	15,106	3.63	548	9-72		42	1,243	-.04	39	83
31-83-9026	7047089	1426616	12-67	2	305	19,355	3.71	719	69	14,590	3.65	533	11-71		40	712	.00	26	51
31-83-9026	7047110	1450228	1-68	2	305	18,705	3.27	612	89	14,360	3.56	511	4-72		40	910	-.06	24	57
31-83-9026	7216970	1426616	10-68	2	305	20,120	3.29	661	63	13,645	3.60	491	8-72		40	867	-.05	23	55
31-83-9026	7216981	1406271	9-68	2	302	17,370	4.13	718	90	14,143	3.56	503	6-72		40	692	.10	40	62
31-83-9026	7358145	1426616	5-69	2	301	20,810	3.50	728	69	15,780	3.52	556	3-73		40	763	-.02	25	52
31-83-9026	7405005	1505219	9-69	2	305	19,515	3.85	751	89	15,865	3.52	558	12-72		32	743	.03	32	57
31-83-9026	7405006	1505219	9-69	1	305	29,610	3.41	1009	98	15,650	3.54	554	12-71		27	1,526	-.04	49	103
31-83-9026	7478456	1505219	12-69	2	305	21,745	3.23	703	93	16,070	3.50	563	2-73		32	980	-.06	26	62

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
31-83-9026	7478458	1505219	1-70	1	305	18,860	3.63	685	76	13,280	3.62	481	7-72		27	769	.00	27	$ 54
31-83-9026	7559387	1505219	2-70	1	305	20,020	3.39	678	76	13,280	3.62	481	7-72		27	868	-.03	26	57
31-83-9026	7637127	1426616	6-70	1	305	23,340	3.75	875	62	16,220	3.50	567	2-73		35	803	.01	31	59
31-83-9029	7421669	1308101	5-69	2	305	21,090	3.40	717	63	17,555	3.50	615	9-72		40	995	-.04	30	66
31-83-9029	7641861	1450692	2-70	1	305	23,600	3.81	899	55	18,310	3.57	654	5-72		35	826	.03	35	63
31-83-9033	6967926	1406271	2-67	3	305	19,267	3.87	746	8	15,987	3.63	580	3-73		42	770	.07	38	63
31-84-0015	7968818	1427381	3-71	1	305	18,580	3.74	695	11	15,540	3.59	558	3-73		36	950	.06	43	75
31-85-0009	6872253	1406271	4-67	1	305	18,890	3.31	625	22	15,540	3.31	514	12-72		36	662	.03	28	50
31-85-0013	7335913	1493686	11-68	3	305	18,893	3.44	649	13	14,746	3.74	552	3-73		42	842	-.01	29	59
31-85-0038	7439764	1355784	11-68	3	301	18,753	3.51	659	10	13,520	3.68	497	3-73		42	1,022	-.08	25	62
31-85-0077	6354937	1406271	2-65	5	303	16,054	3.81	612	20	13,790	3.52	485	3-72		44	619	.07	33	53
31-85-0077	6782116	1406271	11-65	4	305	16,280	3.59	584	22	13,088	3.48	456	1-72		44	710	.04	32	56
31-85-0081	6776271	1475523	10-66	4	305	18,185	3.39	616	29	12,745	3.73	476	3-72		33	909	-.06	23	56
31-85-0098	6868717	1431619	9-65	5	305	22,094	3.42	755	12	16,608	3.72	617	1-72		38	896	-.05	24	57
31-85-0111	7237858	1494316	12-68	2	305	20,355	3.61	734	30	14,245	3.59	511	6-72		28	870	.00	32	62
31-85-0129	7247691	1493686	2-69	2	305	17,845	3.93	702	14	15,335	3.58	549	8-72		40	644	.06	33	54
31-85-0129	7318103	1493686	4-69	2	305	19,655	3.55	697	11	15,495	3.57	553	7-72		40	815	.02	33	61
31-85-0129	7453694	1493686	11-69	2	305	19,060	3.63	692	8	16,035	3.64	583	2-73		40	711	.03	30	54
31-85-0129	7715172	1399824	11-70	1	305	19,750	3.52	696	13	15,120	3.54	535	11-72		36	688	.01	27	51
31-85-0150	7273514	1458744	11-68	3	305	21,800	3.43	747	13	15,360	3.63	557	3-73		42	1,144	-.04	35	76
31-85-0159	7352219	1493686	3-69	2	305	16,965	3.68	625	10	13,005	3.68	478	4-72		40	744	.03	31	56
31-85-0162	6997913	1406271	2-68	3	305	20,140	3.43	690	6	13,577	3.61	490	3-73		42	1,092	.00	40	78
31-85-0163	7295409	1427381	11-68	2	300	16,255	3.90	634	48	13,975	3.53	494	9-72		40	886	.07	43	72
31-85-0163	7295411	1330987	1-69	2	305	19,340	3.24	627	45	14,035	3.56	499	10-72		40	786	.00	28	55
31-85-0163	8127588	1537595	9-70	1	305	18,300	3.66	670	12	12,910	3.35	432	4-73		23	647	.04	29	51
31-85-0173	6440787	1406271	5-65	5	300	17,876	3.71	664	19	14,960	3.49	522	2-73		44	734	.06	36	60
31-85-0173	7209501	1330987	8-68	2	305	19,875	3.44	684	18	15,035	3.67	552	6-72		40	759	.01	29	55
31-85-0173	7433570	1493686	10-69	1	305	17,720	4.16	738	21	15,050	3.67	553	4-72		36	604	.07	33	52
31-85-0176	7169031	1367353	7-68	2	305	20,870	4.06	847	7	15,500	3.75	581	10-71		40	597	.08	33	52
31-85-0176	7176999	1447141	11-68	2	305	23,775	3.66	869	7	18,185	3.83	696	3-72		40	789	.04	34	61
31-85-0179	7243435	1493686	3-69	2	305	19,560	4.66	912	22	15,645	3.89	609	12-72		40	793	.14	50	74
31-85-0192	6514944	1406271	6-65	3	305	16,800	3.47	583	13	11,753	3.69	434	4-72		42	876	.01	33	63
31-85-0194	7240864	1458744	1-69	3	287	20,323	3.24	659	16	16,443	3.72	611	11-72		42	874	-.07	20	52
31-85-0200	7267835	1336050	2-69	2	303	19,705	3.30	650	11	16,150	3.49	563	8-72		40	781	-.03	24	52
31-85-0206	5921080	1410652	11-63	3	305	24,103	3.59	866	28	18,137	3.54	642	2-72		29	951	.01	36	69
31-85-0208	7434673	1329063	7-67	3	305	24,743	3.55	878	31	17,783	3.54	629	3-72		42	809	.01	31	59
31-85-0208	7568251	1406271	10-69	1	305	27,730	3.09	858	39	18,680	3.59	669	3-72		36	1,136	-.03	36	76
31-85-0208	7387623	1493686	8-69	2	305	21,025	3.40	714	10	15,125	3.74	565	2-73		40	984	-.02	33	68
31-85-0227	7455090	1466747	7-69	2	305	20,250	3.25	659	13	13,035	3.75	489	3-73		40	840	-.06	21	52
31-85-0228	6918426	1491000	10-67	3	305	17,956	3.15	565	13	13,970	3.72	519	3-73		38	900	-.08	20	53
31-85-0231	6945435	1490794	10-67	3	300	18,203	3.60	656	84	15,150	3.68	557	11-72		34	726	.00	26	51
31-85-0231	7039336	1490794	12-67	3	304	22,536	3.61	814	57	15,653	3.69	578	2-73		34	1,241	.00	45	88
31-85-0231	7165212	1490794	3-68	3	305	19,676	3.59	706	54	14,656	3.79	556	7-72		34	971	-.01	33	67
31-85-0231	7354793	1490794	10-68	3	300	18,283	3.64	666	37	15,306	3.76	575	3-73		34	720	.00	26	51
31-85-0231	7713103	1490794	10-70	1	305	17,760	4.13	734	81	14,580	3.66	533	11-72		26	623	.06	31	51
31-83-0374	6180008	1271810	1-64	6	301	20,210	3.58	724	21	16,390	3.82	626	2-72		44	812	-.06	20	50
31-85-0374	7330674	1452142	6-67	4	302	23,495	3.91	918	21	16,915	3.87	654	4-73		43	807	.03	34	61
31-85-0374	7579832	1549059	5-69	2	305	24,035	3.78	909	15	16,575	3.93	651	7-72		29	941	.01	36	68
31-85-0374	7681068	1406271	11-69	2	303	23,395	4.14	969	26	17,560	3.82	670	1-73		40	1,027	.10	52	85
31-85-0442	7678904	1427381	9-70	1	305	16,880	3.25	548	16	12,910	3.62	467	10-72		36	981	.01	37	71
31-85-0561	6117537	1406271	2-64	7	302	18,961	3.89	737	24	15,600	3.58	559	1-73		44	808	.08	41	67
31-85-0561	6117538	1406271	3-64	6	305	18,140	3.91	709	19	15,500	3.63	563	10-72		44	712	.07	37	60
31-85-0782	7591981	1427381	2-70	1	305	24,080	3.57	860	26	16,570	4.02	666	8-72		36	1,299	.01	48	93
31-85-0782	7734796	1427381	8-70	1	305	22,400	4.06	909	21	16,970	3.94	668	10-72		36	1,150	.07	52	90
31-85-0816	6458198	1406271	11-65	5	305	18,926	3.69	699	43	14,156	3.82	541	12-72		44	952	.02	38	71
31-85-0816	6821408	1381027	6-67	3	305	20,983	3.74	785	31	14,143	3.76	532	7-72		42	665	.03	29	51
31-85-0816	7794908	1466757	10-70	1	305	19,060	3.34	637	63	13,230	3.73	494	10-72		34	849	-.04	24	55
31-85-0895	6046246	1406271	1-66	1	305	17,910	4.03	722	5	15,160	3.75	568	4-72		36	611	.07	32	52
31-85-0895	6464572	1406271	1-66	4	275	16,180	4.00	647	17	12,500	3.79	474	2-73		44	755	.07	38	63
31-85-9090	5407063	1138441	5-61	8	305	20,355	3.66	745	24	15,990	3.71	594	5-72		44	919	-.07	22	56
31-85-9094	7622700	1447141	11-69	1	305	19,860	3.29	654	16	11,830	3.67	434	5-72		36	716	.02	29	53
31-85-9102	6384691	1406271	6-65	5	305	16,408	3.58	587	17	13,416	3.71	498	4-72		44	704	.02	28	52
31-85-9103	6195828	1406271	12-64	6	299	18,442	3.44	634	14	15,272	3.58	546	9-72		44	774	.01	29	56
31-85-9107	5889925	1199324	1-63	6	305	18,583	3.94	732	6	16,670	3.53	589	3-73		44	721	.05	34	58
31-85-9107	6675542	1413711	3-62	4	305	21,398	3.49	747	6	16,048	3.59	576	3-73		43	979	-.05	28	63
31-85-9107	7745279	1427381	2-69	2	305	23,725	3.46	822	7	17,480	3.64	636	1-73		40	1,359	.01	51	98
31-85-9118	6164188	1406271	10-64	6	305	19,668	3.95	776	9	12,383	3.99	494	6-72		44	1,231	.06	53	94
31-85-9121	7143552	1493686	12-67	3	301	23,446	3.08	722	18	17,626	3.60	635	4-72		42	1,101	-.07	29	69
31-85-9121	7284616	1493686	10-68	3	305	19,986	4.07	814	23	17,773	3.48	619	3-73		42	689	.11	41	62
31-85-9139	7707824	1427381	12-70	1	305	19,830	4.11	816	7	14,580	3.74	546	11-72		36	1,101	.08	52	88
31-85-9139	7960166	1427381	5-71	1	305	20,310	3.63	738	7	15,790	3.86	610	4-73		36	1,064	.03	43	79
31-85-9145	6641526	1261857	10-66	4	300	20,045	3.94	790	17	16,745	3.68	616	4-72		44	758	.10	42	66
31-85-9145	7005449	1486840	10-67	3	305	20,663	3.91	808	26	16,793	3.63	609	12-72		38	922	.04	40	71
31-85-9145	7121427	1491622	1-68	3	305	21,433	3.44	737	26	17,083	3.62	619	10-72		37	806	-.04	23	52
31-85-9145	7682710	1447414	5-70	1	305	21,540	3.65	787	13	16,910	3.87	655	5-72		36	986	-.04	29	64
31-85-9145	7682711	1447414	5-70	1	304	18,640	3.77	703	40	16,380	3.78	619	9-72		36	801	-.02	25	54
31-85-9146	7146410	1493686	5-68	1	305	21,400	3.78	809	8	14,810	3.40	503	10-72		36	893	.06	41	71
31-85-9186	7652086	1427381	9-70	1	305	24,130	2.62	632	6	17,470	2.97	518	1-73		36	1,249	-.03	40	84
31-85-9238	5966999	1355784	11-63	6	305	20,686	3.06	632	10	16,048	3.39	544	11-71		44	1,064	-.13	18	58
31-85-9238	6912506	1414618	9-67	3	246	20,428	3.38	690	11	15,203	3.47	528	6-72		42	754	-.03	23	50
31-85-9272	6505796	1406271	12-65	6	305	16,817	4.32	726	18	15,280	3.63	555	4-73		44	564	.13	40	56
31-85-9459	5786904	1237037	3-63	4	305	21,037	3.64	765	14	16,317	3.54	578	12-71		44	810	-.02	26	55
31-85-9459	6341991	1386406	2-65	5	305	20,756	3.43	712	13	16,422	3.60	592	9-72		44	792	-.02	26	54
31-85-9459	6604631	1386406	3-66	4	305	21,342	3.48	742	14	16,552	3.52	582	3-72		44	828	.00	30	59
31-85-9612	5707647	1350200	6-62	6	305	20,907	3.34	699	11	15,087	3.71	560	12-72		36	1,095	-.09	25	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
31-85-9629	6837240	1399824	11-66	5	303	19,042	3.93	748	18	15,870	3.72	590	3-73		44	735	.06	35	$ 59
31-85-9748	7202430	1487217	10-68	3	305	17,470	4.61	805	48	14,417	3.76	542	12-72		32	404	.17	40	50
31-85-9748	7402360	1513717	8-69	2	305	20,290	3.75	761	53	14,430	3.85	555	1-73		30	1,049	-.03	33	70
31-85-9748	7442094	1513717	10-69	2	305	19,845	3.32	659	49	14,595	3.84	561	12-72		30	981	-.10	20	57
31-85-9890	7443420	1427381	7-69	2	305	19,345	3.30	639	23	16,695	3.23	539	8-72		40	978	.03	40	73
31-86-0014	6884246	1330987	4-67	3	305	19,710	3.63	715	18	15,816	3.52	557	3-72		42	726	.05	34	58
31-86-0020	5932077	1244009	11-63	2	305	22,540	3.40	767	7	12,895	3.81	491	9-72		40	1,316	-.07	36	84
31-86-0020	6756061	1271810	10-66	4	305	18,473	3.45	638	13	13,858	3.67	509	12-72		44	828	-.06	20	50
31-86-0030	7730427	1466757	11-70	1	305	20,250	3.40	688	9	14,890	3.63	540	2-73		34	839	-.03	25	55
31-86-0030	7730428	1466757	11-70	1	305	18,280	3.63	663	12	14,240	3.66	521	1-73		34	727	-.01	24	50
31-86-0400	7366922	1406271	5-68	3	301	19,037	4.21	801	55	16,027	3.48	558	8-72		42	740	.13	47	70
31-86-0700	7541752	1406271	12-68	2	305	20,130	3.25	654	14	16,400	3.70	606	3-72		40	789	-.02	25	53
31-86-9021	6710635	1406271	11-66	4	305	18,738	3.35	627	7	15,963	3.60	575	8-72		44	729	.00	26	51
31-86-9021	7648496	1539577	7-70	1	305	22,300	3.32	740	9	15,870	3.74	594	7-72		31	869	-.09	18	50
31-86-9038	7269589	1406271	6-67	3	305	16,440	3.45	568	14	13,233	3.60	476	8-72		42	699	.01	27	51
31-86-9038	7641472	1458744	7-70	1	305	19,080	3.32	634	19	13,180	3.40	448	12-72		36	843	-.02	27	57
31-86-9038	7641477	1458744	6-70	1	305	21,930	3.17	695	20	13,370	3.43	458	11-72		36	1,044	-.04	31	68
31-86-9051	6180659	1406271	10-64	6	305	19,043	3.14	598	41	15,518	3.63	564	9-72		44	827	-.04	23	53
31-86-9051	6341856	1406271	6-65	5	305	19,970	4.06	810	34	15,378	3.67	565	1-73		44	961	.10	50	81
31-86-9051	6930932	1367353	10-67	4	305	21,105	3.62	765	44	15,615	3.69	576	12-72		44	734	.02	29	54
31-86-9051	7677752	1466757	11-70	1	305	23,260	3.56	827	41	15,650	3.75	587	12-72		34	1,024	-.02	33	69
31-86-9051	7743256	1466757	12-70	1	305	23,500	3.62	850	32	15,940	3.73	595	1-73		34	1,024	-.02	34	70
31-86-9052	7195483	1271810	11-68	2	305	22,040	3.28	724	31	16,820	3.60	605	3-72		40	868	-.08	19	51
31-86-9052	7496355	1418927	7-69	2	305	22,985	3.16	726	31	16,550	3.50	580	1-73		40	816	-.05	22	52
31-87-0004	7577730	1493686	12-69	1	305	18,960	3.15	598	23	14,280	3.49	499	12-72		36	742	.00	26	52
31-87-0004	7761258	1493686	1-70	1	305	21,720	3.35	727	6	15,400	3.70	570	7-72		36	881	.00	31	62
31-87-0004	7761259	1539436	5-69	2	305	20,170	3.51	707	19	14,230	3.54	504	3-73		25	742	.00	26	52
31-88-0013	7158797	1493686	8-68	2	305	16,330	3.67	600	25	13,200	3.73	493	9-71		40	664	.03	28	50
31-88-0019	7298669	1499501	4-69	2	305	20,620	3.66	755	15	15,020	3.37	506	11-72		38	769	.05	35	61
31-88-0630	5953177	1406271	12-63	6	297	16,815	3.99	671	20	15,265	3.58	547	1-73		44	565	.09	34	51
31-88-0630	7798200	1355784	10-70	1	305	21,430	3.33	713	16	14,830	3.54	525	1-73		35	984	-.09	21	58
32-01-0043	7142376	1458744	9-68	3	302	18,613	3.95	735	23	16,426	3.56	585	11-72		42	679	.04	31	54
32-01-0043	7191133	1520109	11-68	2	305	24,150	3.21	775	16	16,000	3.55	568	11-72		25	1,066	-.07	28	67
32-01-0043	7504929	1427381	3-70	1	305	23,160	3.90	903	18	17,480	3.67	642	1-73		36	1,176	.07	53	92
32-01-0043	7504930	1427381	3-70	1	305	18,280	4.00	731	17	14,380	3.71	534	8-72		36	997	.07	47	80
32-01-0043	7749021	1458744	10-70	1	305	20,160	3.75	756	20	16,810	3.65	614	11-72		36	707	.00	26	51
32-01-0046	6053526	1294703	12-63	6	305	19,837	3.67	729	27	15,440	3.74	577	5-72		44	939	-.02	30	63
32-01-0046	6781649	1413165	10-66	5	303	21,000	3.48	731	36	16,306	3.78	617	1-73		44	944	-.12	16	52
32-01-0046	7504256	1427381	11-69	1	305	21,170	3.91	828	49	16,280	3.88	631	8-72		36	1,099	.05	48	85
32-01-0046	7504258	1427381	8-69	1	305	20,500	3.72	763	21	17,490	3.70	648	4-72		36	977	.04	42	75
32-01-0046	7504259	1427381	11-69	1	305	20,660	3.94	814	49	16,280	3.88	631	8-72		36	1,061	.06	47	83
32-01-0047	7275077	1532705	2-69	2	305	19,740	3.57	704	17	13,550	3.55	481	10-72		29	874	.00	32	62
32-01-0047	7538630	1532705	2-70	1	305	19,140	3.82	731	24	13,620	3.64	496	10-72		23	645	.03	28	50
32-01-0048	7071637	1406271	1-68	3	305	21,383	3.99	853	33	16,577	3.81	707	11-72		42	775	.07	39	64
32-01-0048	7071639	1508339	1-68	2	305	18,295	3.91	716	25	16,235	3.68	597	8-72		30	537	.10	34	50
32-01-0048	7071640	1508339	1-68	3	305	21,170	3.73	789	29	17,743	3.69	655	7-72		33	786	.07	39	65
32-01-0048	7119415	1508339	1-68	4	259	21,425	4.31	923	22	17,977	3.74	673	4-73	B	35	830	.18	57	82
32-01-0048	7119416	1508339	1-68	3	305	21,630	3.63	785	25	16,980	3.67	623	5-72		33	928	.06	42	73
32-01-0048	7119417	1508339	3-68	3	304	21,033	4.50	946	24	17,826	3.70	660	4-72		33	759	.21	59	80
32-01-0048	7119423	1383004	3-68	3	304	23,670	3.62	857	27	18,010	3.83	690	11-72		42	682	.07	35	57
32-01-0048	7205062	1508339	7-68	3	305	21,056	4.31	907	24	18,410	3.74	689	1-73		33	699	.17	51	71
32-01-0048	7205064	1508339	7-68	3	305	21,603	4.25	918	19	17,436	3.70	646	10-72		33	876	.16	57	83
32-01-0048	7269729	1508339	10-68	3	305	21,686	4.22	915	26	18,456	3.73	689	1-73		33	778	.16	52	75
32-01-0048	7269730	1508339	10-68	3	305	21,300	3.37	717	24	18,513	3.69	684	12-72		33	721	.00	26	51
32-01-0048	7269736	1508339	1-69	3	305	21,850	3.88	847	25	18,443	3.73	688	1-73		33	802	.09	43	69
32-01-0048	7269739	1508339	1-69	2	277	22,350	3.47	775	26	17,795	3.71	661	4-72	B	30	867	.02	35	65
32-01-0048	7269740	1508339	2-69	2	305	20,225	4.27	863	26	17,795	3.71	661	4-72		30	617	.15	45	63
32-01-0048	7535957	1508339	9-69	1	305	22,610	3.88	878	30	16,770	3.71	622	5-72		25	831	.09	44	71
32-01-0048	7535961	1508339	11-69	1	305	20,350	4.11	836	30	16,770	3.71	622	5-72		25	632	.11	40	59
32-01-0048	7535963	1508339	1-70	1	305	21,340	4.10	875	32	16,540	3.67	607	6-72		25	735	.12	45	68
32-01-0048	7584366	1406271	1-70	1	305	21,950	3.45	758	46	17,220	3.92	675	3-72		36	789	.00	28	56
32-01-0321	7018975	1413165	10-67	3	305	23,567	3.59	845	26	17,533	3.80	667	3-72		42	1,067	-.10	23	63
32-01-0321	7456043	1308101	6-69	2	305	21,025	3.90	821	23	16,955	3.81	646	12-72		40	1,037	.00	30	74
32-01-0321	7606997	1406271	1-70	2	305	20,545	3.74	768	26	18,280	3.73	681	3-73		40	679	.04	31	54
32-01-0761	6882278	1268294	3-67	4	302	22,785	3.20	729	12	15,745	3.76	592	1-73		44	1,056	-.11	20	60
32-01-9101	6715796	1315578	11-66	5	300	19,644	4.28	841	18	15,912	3.81	606	1-73		44	656	.17	49	68
32-01-9101	7299254	1493686	4-69	2	305	20,155	3.73	751	26	16,560	3.59	595	2-73		40	779	.05	35	61
32-01-9280	7140134	1355784	9-68	2	305	19,500	3.65	711	30	15,400	3.74	576	7-72		40	887	-.07	21	54
32-01-9280	7343845	1498546	8-68	3	305	23,213	3.45	801	33	15,333	3.70	567	11-72		29	1,144	-.04	35	76
32-01-9764	7588539	1458744	9-69	2	304	21,190	3.19	676	23	16,395	3.54	581	11-72		40	922	-.06	24	58
32-01-9764	7588541	1427381	1-70	1	305	22,740	3.29	749	20	16,790	3.53	593	1-72		36	1,186	.01	44	85
32-01-9901	6224883	1294703	3-64	5	304	21,762	3.50	761	19	14,756	3.66	540	1-72		44	1,262	-.05	38	83
32-01-9901	7138356	1383004	12-67	3	243	19,967	4.06	810	8	15,220	3.63	552	8-72	B	42	512	.16	43	57
32-01-9901	7588130	1427381	1-70	1	276	20,860	4.08	852	16	16,900	3.82	648	2-72	B	36	1,039	.07	49	83
32-02-0482	7186560	1427381	9-68	3	301	18,896	3.69	698	19	15,220	3.66	557	3-73		42	1,081	.05	46	83
32-02-0485	7412881	1377954	8-68	2	304	17,695	3.66	647	5	14,210	3.71	527	3-73		40	689	.01	27	51
32-02-0766	6844496	1458744	6-67	4	304	18,332	3.92	719	21	14,030	3.71	520	9-72		44	894	.03	37	67
32-02-0766	7342730	1509083	4-69	2	305	22,705	3.33	755	17	16,305	3.66	597	1-73		25	852	-.06	22	53
32-02-0766	7870145	1464901	11-69	1	305	22,500	3.58	805	17	18,080	3.50	633	1-72		34	944	-.02	31	64
32-02-0771	7247180	1458744	10-68	3	239	17,693	3.80	673	8	15,373	3.56	547	1-73		42	670	.03	28	51
32-03-0040	5295256	1230780	12-60	7	234	20,290	3.47	704	19	14,250	3.50	499	7-72		40	732	.03	31	56
32-03-0040	6805200	1434453	8-65	4	292	22,258	3.05	679	8	14,070	3.61	508	4-72		33	1,073	-.12	20	60
32-03-0040	7702964	1458744	10-70	1	305	26,610	3.19	850	21	12,370	3.51	434	10-72		36	1,453	-.06	43	93
32-03-0241	7164771	1308101	9-68	3	305	19,097	3.35	639	11	16,273	3.70	602	3-73		42	920	-.06	23	57
32-03-0241	7313822	1308101	1-69	2	300	20,435	3.49	714	19	15,220	3.77	574	10-72		40	1,118	-.05	33	73

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	FOR BORN MO-YR	..COW'S AVERAGE PRODUCTION.. REPTS DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
32-03-0241	7313824	1308101	2-69	2 305	18,260	3.47	634	19	14,935	3.75	560	7-72	40	920	-.05	26	$ 59
32-03-0241	7574617	1427381	2-70	1 305	19,610	3.93	771	23	15,040	3.64	547	8-72	36	1,057	.07	49	84
32-03-0241	7574618	1308101	7-69	1 305	16,860	3.68	621	12	14,850	3.68	547	5-72	36	766	-.02	25	52
32-03-0241	7705732	1458744	9-70	1 305	19,510	3.79	739	26	15,380	3.74	575	9-72	36	744	.00	27	53
32-03-0320	6543241	1351913	9-65	4 297	21,792	3.05	664	19	14,452	3.49	504	10-72	35	1,410	-.12	31	83
32-04-0760	6899072	1490328	8-67	3 305	17,870	4.34	776	45	14,710	4.01	590	6-72	31	554	.09	33	50
32-04-0760	7246610	1427381	11-68	3 304	17,716	3.99	707	50	14,700	3.95	580	1-73	42	993	.06	45	78
32-04-0760	7371484	1427381	7-69	2 297	18,160	3.78	686	60	14,745	3.93	580	10-72	40	1,016	.03	42	77
32-04-0760	7371485	1427381	7-69	2 299	18,025	3.58	645	55	14,765	3.92	579	9-72	40	1,001	.01	38	73
32-04-0760	7499854	1427381	12-69	2 305	17,350	4.03	700	51	14,495	3.91	567	1-73	40	954	.06	44	76
32-05-0651	7299849	010295385	2-68	3 305	20,693	3.76	778	18	14,997	3.73	559	3-73	29	823	.02	33	61
32-05-0651	7299850	010274043	3-64	4 305	22,928	3.73	855	22	14,878	3.70	551	11-72	43	1,012	-.01	35	70
32-06-0046	6920365	1492549	10-67	4 305	23,060	3.30	760	28	14,060	3.44	484	12-72	37	1,261	-.05	37	82
32-06-0046	7044881	010291575	4-68	2 305	21,715	3.51	762	19	13,640	3.42	466	7-72	30	996	-.01	35	70
32-06-0046	7395185	010288790	7-67	3 305	20,733	4.09	848	13	14,183	3.41	484	4-72	41	1,046	.16	62	95
32-06-0903	7554784	1458744	11-69	2 163	19,955	3.84	767	26	14,655	3.63	532	3-72 B	40	938	.02	37	69
32-06-9102	7718225	1427381	11-70	1 305	20,920	3.71	777	11	18,720	3.65	683	2-73	36	935	.05	41	72
32-06-9102	7793029	1430145	11-70	1 305	23,630	3.80	899	11	18,490	3.64	673	2-73	35	681	.03	29	52
32-09-0101	6492662	1428265	6-65	4 283	19,038	3.54	673	14	14,153	3.54	501	6-72	30	729	.00	26	51
32-09-0101	6511313	1473313	11-65	6 296	20,127	3.27	658	13	13,815	3.57	493	1-73	32	975	-.06	26	61
32-09-0162	6054234	1425205	2-64	6 305	22,160	3.70	820	23	15,873	3.54	562	11-72	32	1,037	.03	42	77
32-09-0162	6956325	1389915	8-67	3 305	22,823	3.30	753	26	14,873	3.65	543	9-72	41	1,340	-.10	33	82
32-09-0162	7734736	1447414	6-70	1 305	17,680	3.80	671	17	15,880	3.63	576	1-73	36	760	-.02	25	52
32-09-0162	7783128	1450228	12-70	1 305	22,840	3.35	764	10	15,420	3.67	566	3-73	36	1,069	-.05	30	69
32-09-0321	7330132	1427381	1-69	1 305	18,100	3.52	638	5	14,010	3.96	555	2-72	36	1,006	.01	38	73
32-09-0417	7074881	1222994	7-67	3 275	19,890	3.50	697	20	16,337	3.41	557	3-73	42	703	.01	27	51
32-09-0417	7597929	1561391	11-69	2 305	23,240	3.18	739	21	17,395	3.32	577	4-73	25	810	-.05	22	51
32-09-0417	7865530	1447414	1-70	1 305	21,230	3.32	704	30	18,700	3.19	596	1-72	36	856	-.03	26	57
32-09-0417	7869350	1447414	12-69	1 305	21,850	3.34	729	23	18,410	3.10	571	3-72	36	920	-.02	30	63
32-09-0483	7488836	1464901	9-69	1 305	17,380	3.33	578	20	14,000	3.67	514	3-72	34	801	-.05	21	50
32-09-0534	7582435	1427381	8-69	2 304	21,260	3.57	760	17	16,460	3.71	610	10-72	40	1,192	.03	47	88
32-09-0541	7027987	1387978	2-68	1 305	21,510	3.11	668	14	16,070	3.67	589	1-72	36	847	-.06	21	52
32-09-0712	6073270	1276654	1-64	6 305	22,143	4.06	899	22	15,963	3.65	582	4-72	44	946	.08	46	77
32-09-0712	6120729	1199324	1-64	6 305	17,978	3.83	688	22	15,647	3.70	579	6-72	44	749	.01	29	55
32-09-0712	6255936	1199324	10-64	6 305	19,148	3.63	696	26	16,213	3.65	592	10-72	44	842	-.01	29	59
32-09-0712	6322645	1199324	2-65	6 305	18,423	3.59	661	24	16,355	3.57	584	5-72	44	733	-.01	25	51
32-09-0712	6643787	1417208	7-66	4 284	20,758	3.79	787	24	17,878	3.67	657	1-72	44	748	.03	31	56
32-09-0712	6753203	1481287	3-67	4 305	19,765	3.77	746	22	15,760	3.62	570	7-72	38	670	.02	27	50
32-09-0712	7114984	1408640	7-68	3 305	23,117	3.58	827	26	16,860	3.72	628	12-72	42	959	-.01	33	67
32-09-0712	7355751	1427381	10-68	2 305	20,685	3.72	769	24	17,285	3.70	639	1-73	40	1,066	.04	45	81
32-09-0712	7423141	1399283	8-69	2 305	23,550	3.64	857	27	17,125	3.72	637	12-72	40	940	-.03	29	63
32-09-0712	7681191	010308691	8-70	1 305	22,290	3.82	851	31	16,810	3.90	655	10-72	28	1,215	.04	50	91
32-09-0714	7305690	1427381	9-68	2 305	20,230	4.08	825	25	17,040	3.64	621	5-72	40	1,040	.09	52	86
32-09-0714	7541037	1427381	1-70	1 305	20,640	3.58	738	22	16,290	3.73	608	7-72	36	1,059	.03	43	79
32-09-0714	7647377	1447414	2-70	1 305	20,640	3.62	747	21	16,320	3.73	609	6-72	36	954	-.03	29	63
32-09-0761	6729264	1417208	8-66	4 304	17,533	3.86	677	19	14,740	3.74	552	2-73	44	660	.03	28	50
32-09-0761	6786850	1330987	11-66	4 305	18,760	3.76	705	26	14,142	3.83	541	11-72	44	803	.04	35	62
32-09-0761	7503115	1458744	1-70	1 305	21,740	3.55	772	21	16,320	3.68	600	6-72	36	854	-.02	28	58
32-09-0901	7299010	1458744	10-68	3 305	20,730	3.51	728	37	16,486	3.65	601	11-72	42	917	-.03	29	62
32-09-0901	7820521	1357743	9-70	1 305	25,590	3.71	950	47	16,580	3.71	615	10-72	36	806	-.02	26	55
32-09-0901	7820523	1427381	10-70	1 305	22,940	4.01	919	47	16,640	3.70	615	10-72	36	1,210	.08	56	96
32-09-0901	7820524	1427381	12-70	1 305	19,640	3.72	731	20	16,730	3.75	628	2-73	36	958	.04	41	73
32-09-0901	7820525	1427381	12-70	1 305	23,390	3.81	890	20	16,730	3.75	628	2-73	36	1,238	.05	53	95
32-09-0901	7820526	1427381	1-71	1 305	21,810	3.66	799	20	16,730	3.75	628	2-73	36	1,120	.04	46	84
32-10-0871	7646706	1392858	10-68	1 305	19,200	4.43	850	5	12,970	3.86	500	6-72	36	622	.10	37	56
32-10-9160	5044570	1192713	9-59	10 304	19,190	3.57	685	44	13,661	3.56	487	10-72	44	890	-.01	31	62
32-10-9160	6771099	1261857	10-66	4 305	15,973	3.61	577	62	12,375	3.52	436	1-73	44	687	.06	34	56
32-10-9160	7968080	1427381	12-69	1 305	17,760	4.06	721	31	12,680	3.70	469	1-72	36	1,060	.08	50	85
32-10-9210	6088763	1329588	1-64	6 305	18,300	3.85	705	25	13,412	3.76	504	5-72	44	784	.01	30	57
32-10-9210	7253494	1387978	2-69	2 305	17,885	3.21	575	27	13,165	3.62	476	5-72	40	844	-.05	22	53
32-10-9210	7426895	1427381	11-69	1 305	17,140	4.02	689	26	12,100	3.69	447	2-72	36	1,048	.07	49	84
32-10-9651	7113105	1427381	6-68	3 299	17,910	3.69	660	12	15,316	3.72	570	11-72	42	959	.04	40	73
32-10-9651	7113106	1427381	6-68	2 305	17,990	3.96	712	13	15,385	3.84	591	2-72	40	947	.06	43	75
32-10-9651	7146057	1427381	9-68	2 305	17,605	3.83	675	14	14,735	3.66	539	8-72	40	961	.06	44	76
32-10-9651	7146059	1427381	9-68	3 305	18,813	3.83	721	11	14,940	3.79	566	3-73	42	1,098	.05	48	85
32-10-9651	7193239	1427381	10-68	2 305	17,470	3.94	689	12	15,265	3.79	578	4-72	40	904	.06	42	72
32-10-9651	7282401	1427381	10-68	2 303	17,290	3.53	611	12	15,230	3.75	571	3-72	40	889	.02	35	65
32-10-9651	7302963	1427381	11-68	2 305	22,930	3.46	793	13	14,700	3.73	549	5-72	40	1,504	.01	55	107
32-10-9651	7529220	1427381	12-69	1 298	15,680	4.38	686	15	13,270	3.81	506	8-72	36	870	.09	45	73
32-10-9651	7642728	1427381	7-70	1 305	17,800	3.75	668	14	14,910	3.74	558	11-72	36	930	.05	41	72
32-10-9764	6080321	1244009	2-64	5 305	18,702	3.81	712	23	15,880	3.63	576	8-71	44	743	.00	27	53
32-10-9764	7414391	1493686	5-69	2 305	21,435	3.34	717	21	16,585	3.66	607	4-73	40	907	-.02	30	62
32-10-9764	7615479	1427381	12-69	1 305	18,030	3.38	610	18	15,380	3.63	559	4-72	36	919	.02	36	68
32-15-0710	7366247	1427381	2-69	1 140	15,820	4.13	653	13	12,770	3.98	508	12-72 B	36	910	.06	42	72
32-18-0282	6440651	1303502	10-65	4 305	20,470	3.52	720	25	15,088	3.54	534	2-72	44	752	.01	28	54
32-18-0282	6773979	1457366	11-66	4 300	16,480	4.30	709	34	14,078	3.59	506	7-72	35	506	.12	36	51
32-18-0410	7051909	1478324	2-68	3 296	20,773	3.65	759	15	14,523	3.59	521	12-72	29	888	.01	34	65
32-18-9281	5705855	1352991	7-62	7 305	18,043/	3.67	662	18	14,847	3.79	562	11-72	40	950	-.05	27	61
32-19-0590	7158143	1465013	7-68	3 303	20,786	3.94	818	15	15,506	3.84	596	4-73	33	675	.05	32	54
32-19-0590	7164698	1427381	8-68	3 302	22,336	3.41	762	21	16,356	3.47	567	4-73	42	1,372	.02	52	99
32-19-0590	7211894	1504112	1-68	3 305	22,797	3.55	810	43	15,653	3.87	606	10-72	29	1,048	-.04	32	69
32-19-0590	7234582	1514154	10-68	3 305	19,556	3.76	735	29	14,650	3.88	568	1-73	31	775	.03	32	58
32-19-0590	7313823	1308101	1-69	2 303	19,910	3.65	726	52	16,125	3.84	620	10-72	40	991	-.04	30	65
32-19-0590	7569489	1427381	11-69	1 105	19,510	3.59	701	28	14,830	3.73	553	7-72 B	36	1,062	.03	43	79
32-20-0047	6474466	1420522	2-66	5 305	19,184	3.57	685	8	14,984	3.62	542	7-72	36	758	-.01	26	53

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
32-20-0047	7627723	1515956	4-70	1	305	22,520	3.79	853	5	15,300	3.66	560	6-72		24	665	.03	28	$ 51
32-20-0282	6885026	1455331	2-66	4	305	18,878	3.93	741	15	13,455	3.72	501	3-72		33	789	.06	37	63
32-20-0441	7153762	1387978	10-67	4	305	19,035	3.72	709	5	15,483	3.66	566	2-73		44	832	.01	31	60
32-20-0550	6650354	1222994	9-66	4	305	20,245	3.37	682	19	14,340	3.76	539	5-72		44	972	-.04	28	63
32-20-0550	6924854	1261857	7-67	4	303	17,843	3.96	707	27	14,658	3.73	547	9-72		44	693	.09	39	61
32-20-0786	6610135	1438023	10-65	6	301	19,790	3.43	678	16	16,238	3.62	588	1-73		37	928	-.06	24	58
32-20-0786	6759751	1438023	11-66	4	305	21,318	3.41	726	14	15,838	3.64	577	2-72		36	1,172	-.06	32	74
32-20-0786	6944538	1336050	12-67	4	243	21,500	3.53	759	18	16,642	3.64	606	11-72		44	1,017	-.02	34	70
32-20-0821	6848467	1458916	6-67	4	305	21,268	3.15	669	17	15,145	3.57	541	11-72		33	990	-.10	20	57
32-20-0821	7282076	1447141	12-68	2	305	21,270	3.31	705	12	16,095	3.48	560	2-72		40	704	.02	29	53
32-20-0821	7746685	1427381	8-70	1	294	18,190	3.67	667	17	16,070	3.52	566	10-72		36	890	.05	40	70
32-20-0916	5629978	1199324	3-62	7	305	17,843	3.41	608	6	14,017	3.63	509	4-72		44	900	-.04	26	58
32-20-9114	6908297	1377954	1-67	3	305	18,970	4.07	773	21	16,523	4.05	669	7-72		42	657	.04	29	51
32-20-9114	7098997	1261857	3-68	3	305	20,053	4.36	875	34	17,170	4.12	707	12-72		42	696	.11	42	64
32-20-9114	7861895	1450228	11-70	1	305	22,230	3.94	876	32	18,140	4.07	738	1-73		36	862	-.02	28	59
32-20-9114	7861899	1450228	10-70	1	305	21,580	3.86	834	37	17,820	4.13	736	12-72		36	833	-.03	25	55
32-20-9337	7264244	1496750	8-68	3	305	19,897	4.10	815	10	15,097	3.89	588	11-72		41	793	.06	37	63
32-20-9443	7356341	1458744	5-69	1	301	28,770	3.79	1090	9	19,160	4.10	786	1-73	B	36	1,209	-.02	40	83
32-20-9443	7817980	010276291	3-67	2	280	25,545	3.29	840	8	18,255	3.91	714	7-72	B	25	1,014	-.10	21	59
32-20-9656	7704179	1450228	9-70	1	305	17,480	3.63	635	20	13,250	3.77	500	1-73		36	799	-.02	25	53
32-20-9924	6526372	1336050	11-65	5	298	18,012	3.76	678	14	14,792	3.60	533	8-72		44	782	.03	32	59
32-25-0327	6162754	1384478	7-64	6	298	19,185	4.01	770	16	17,125	3.43	587	2-72		36	619	.12	40	59
32-25-0760	7336725	1427381	2-69	2	305	25,695	3.68	946	20	15,570	3.69	574	7-72		40	1,714	.05	69	128
32-25-0901	5929371	1222994	9-63	7	305	20,267	3.65	739	17	15,223	3.65	555	8-72		44	913	.01	34	66
32-25-0901	6771302	1261857	3-67	3	305	18,780	4.07	764	19	14,093	3.64	513	1-72		42	833	.12	48	74
32-25-9212	7265433	1532803	3-69	2	301	21,925	3.82	837	24	15,600	3.69	575	9-72		25	825	.03	35	63
32-25-9212	7546119	1399283	1-70	1	305	23,830	3.60	858	22	17,330	3.62	628	3-72		36	776	-.03	23	51
32-25-9212	7546121	1447414	9-69	2	305	22,050	3.01	664	24	15,440	3.58	553	10-72		40	1,258	-.11	28	75
32-25-9212	7687687	1432733	7-69	1	305	24,120	3.80	916	20	16,990	3.54	602	5-72		36	886	.02	35	65
32-25-9212	7712436	1458744	10-70	1	305	20,460	3.70	756	23	15,420	3.70	570	10-72		36	813	-.01	28	57
32-25-9212	7883098	1399283	1-70	1	305	25,700	3.14	806	22	17,330	3.62	628	3-72		36	916	-.09	19	53
32-25-9212	7883101	1447414	10-69	2	305	19,505	3.25	634	16	16,525	3.44	569	7-72		40	911	-.06	24	57
32-25-9244	5287264	1179372	11-60	8	303	21,819	3.38	737	21	17,108	3.61	617	10-72		44	852	-.03	26	56
32-25-9244	6937489	1261857	8-67	4	303	22,408	3.55	796	23	18,340	3.58	657	2-73		44	893	.04	39	69
32-25-9325	7546857	1427381	2-70	1	305	17,370	4.00	695	30	13,280	3.89	516	7-72		36	995	.06	45	78
32-25-9325	7702801	1458744	11-70	1	305	18,890	3.82	722	29	13,960	3.85	537	2-73		36	783	.00	28	55
32-26-0280	6678425	1244009	11-66	5	302	21,198	3.42	724	27	17,624	3.72	656	12-72		44	885	-.08	20	53
32-26-0280	7792466	1450228	9-70	1	305	21,280	3.50	745	42	17,720	3.71	658	10-72		36	816	-.04	23	52
32-26-0280	7792467	1450228	11-70	1	305	25,810	3.26	841	34	18,140	3.73	676	12-72		36	1,129	-.07	29	70
32-27-0322	6523859	1462211	9-65	5	286	18,216	3.09	562	29	11,814	3.55	419	11-71		36	935	-.09	19	54
32-27-0322	6982697	1462211	12-67	3	284	18,100	3.22	583	30	11,336	3.47	393	7-72		33	882	-.06	22	54
32-27-0534	7763307	1458744	11-69	1	305	19,480	3.35	653	24	15,120	3.51	531	10-71		36	758	-.03	23	50
32-27-0534	7763308	1427381	4-69	2	291	17,175	3.64	626	18	14,525	3.56	517	9-72		40	934	.05	41	72
32-27-0545	7521439	1427381	4-68	2	284	17,640	3.21	566	13	15,155	3.52	534	11-71		40	930	.00	33	65
32-27-0545	7856818	1427381	1-71	1	305	16,630	3.57	593	15	14,480	3.52	509	3-73		36	868	.04	38	67
32-27-0763	6772404	1261857	9-66	4	305	17,323	4.28	741	24	15,608	3.81	595	5-72		44	535	.12	38	54
32-27-0763	6772411	1261857	11-66	4	304	19,328	3.73	720	27	15,255	3.82	582	7-72		44	817	.05	37	64
32-27-0763	7779870	1450228	9-70	1	305	18,110	3.89	704	24	14,630	3.82	559	8-72		36	764	-.01	26	53
32-27-0763	7779871	1450228	11-70	1	305	21,310	3.44	733	27	15,790	3.70	585	11-72		36	933	-.04	27	61
32-30-0323	6759951	1261857	10-66	3	290	17,980	3.94	708	11	15,057	3.79	570	7-72		42	652	.08	36	57
32-30-0323	7007933	1261857	8-67	3	302	17,510	3.95	692	11	14,987	3.79	568	11-72		42	604	.08	34	53
32-30-0323	7349144	1497847	12-68	1	305	25,570	3.81	973	14	16,660	3.88	647	5-72		24	1,005	-.01	35	70
32-30-0820	7476248	1419528	3-69	2	253	19,505	3.40	663	30	14,520	3.57	519	3-73	B	40	741	.00	27	53
32-32-0046	7350142	1352991	7-69	2	305	17,265	3.26	563	50	13,500	3.51	474	9-72		35	929	-.07	22	56
32-33-0323	7073239	1458744	2-68	3	242	20,056	3.50	701	11	16,206	3.76	609	3-73	A	42	865	-.04	25	56
32-33-0323	7474743	1427381	11-69	1	246	17,860	3.72	664	16	16,110	3.76	605	7-72	B	36	863	.04	37	66
32-34-0535	7629644	1427381	9-68	1	305	25,150	3.61	907	7	15,760	3.81	522	3-73		36	1,427	.05	60	108
32-34-0535	7906009	1427381	12-69	1	305	19,120	3.38	646	6	16,200	3.75	607	8-72		36	951	.01	36	69
32-34-9044	8031577	1458744	3-70	1	305	22,500	3.65	821	16	15,750	3.78	595	5-72		36	945	-.01	32	65
32-35-0003	6696999	1352991	9-66	3	305	21,767	3.47	755	10	14,460	3.64	526	2-72		38	1,428	-.06	41	92
32-35-0003	6697002	1352991	9-66	4	305	18,903	3.26	616	22	14,295	3.59	513	11-72		39	1,112	-.09	26	67
32-35-0003	6808331	1352991	3-67	4	285	17,415	3.49	607	17	14,758	3.54	523	11-72		39	865	-.05	24	55
32-35-0003	6891722	1352991	9-67	4	295	20,048	3.35	672	21	14,290	3.55	507	1-73		39	1,265	-.07	34	80
32-35-0003	6891724	1352991	10-67	1	305	16,620	3.81	633	27	14,420	3.60	519	8-72		31	757	-.03	23	50
32-35-0827	7284333	1406271	4-67	2	305	19,825	3.67	727	5	14,220	3.60	512	1-72		40	936	.04	40	72
32-36-0210	6693276	1458744	12-66	4	292	17,080	3.58	611	19	14,172	3.65	517	8-72		44	725	-.01	24	50
32-36-0210	6837645	1331709	11-66	3	300	19,757	4.25	840	19	15,080	3.70	558	1-72		42	765	.06	37	62
32-36-0210	7078195	1413165	9-67	3	305	20,357	3.52	716	18	15,617	3.59	560	10-72		42	874	-.09	18	51
32-36-0210	7078199	1473442	10-67	3	295	19,713	3.42	674	25	15,013	3.62	544	2-73		41	864	-.06	22	54
32-36-0210	7423137	1458744	9-69	2	305	22,320	3.27	730	31	15,175	3.58	544	11-72		40	1,136	-.05	33	74
32-36-0210	7750540	1427381	7-70	1	305	17,980	3.69	664	36	15,930	3.63	579	12-72		36	882	.05	39	69
32-36-0280	7249546	1394348	11-68	3	302	24,950	3.34	834	7	18,420	3.46	638	1-73		42	916	-.04	26	59
32-37-0280	7981262	1399283	2-70	2	305	20,595	3.66	753	13	15,340	3.81	584	2-73		40	785	-.03	23	51
32-37-0762	7248857	1427381	1-69	2	291	19,035	3.62	690	7	14,995	3.75	562	10-72		40	1,085	.03	44	81
32-37-0762	7545721	1427381	1-70	1	305	19,340	3.75	725	9	14,620	3.80	555	9-72		36	1,062	.04	45	81
32-38-0324	6172224	1414935	1-64	6	300	20,345	3.65	742	24	15,740	3.73	587	4-73		36	889	-.01	30	61
32-38-0324	7586063	1427381	4-70	1	305	16,820	3.48	586	22	12,520	3.87	484	8-72		36	999	.02	39	73
32-38-9485	6977890	1383004	1-68	3	305	17,220	4.29	738	8	12,977	3.74	485	4-73		42	403	.18	41	51
32-42-0411	6941974	1487002	8-67	4	305	22,432	3.37	755	32	16,242	3.50	569	1-73		35	1,020	-.05	29	66
32-42-0411	7111050	1427381	5-68	3	305	21,296	3.53	751	46	16,323	3.47	566	3-73		42	1,256	.04	51	94
32-42-0411	7243045	1487002	10-68	2	305	21,485	3.50	751	25	15,795	3.54	559	2-72		30	796	-.02	25	53
32-42-0411	7480998	1427381	1-70	1	305	22,360	3.80	850	56	16,650	3.41	567	8-72		36	1,166	.08	54	93
32-42-0411	7677344	1427381	1-70	1	305	25,480	3.54	901	29	17,450	3.39	591	2-73		36	1,351	.05	56	102
32-43-0012	7849982	1417208	1-70	1	287	20,110	3.01	605	23	13,380	3.93	526	1-73		36	835	-.07	19	50
32-43-0046	5992129	1244845	10-63	8	305	22,576	3.60	813	23	16,875	3.64	614	12-72		44	981	-.03	31	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW PORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
32-43-0046	6463814	1386406	10-65	3	305	19,930	3.79	756	25	16,290	3.55	579	9-72		42	650	.05	31	$ 52
32-43-0046	6906170	1377954	10-67	4	305	19,418	3.65	708	25	17,188	3.54	609	11-72		44	663	.03	28	50
32-43-0046	7069743	1458744	9-67	4	304	22,487	3.89	875	22	16,987	3.59	609	1-73		44	1,115	.04	47	85
32-43-0046	7455773	1417208	12-69	2	305	23,370	3.03	707	27	16,915	3.61	611	12-72		40	1,033	-.08	24	62
32-43-0046	7995027	1427381	1-70	1	305	18,110	3.54	641	19	15,890	3.52	560	8-72		36	895	.04	38	68
32-43-0047	6783941	1476904	9-66	3	305	21,677	3.70	803	16	17,237	3.54	611	4-72		29	707	.03	30	54
32-43-0047	6783942	1476904	9-66	4	305	21,610	3.43	742	27	17,143	3.58	614	10-72		30	756	-.03	23	50
32-43-0047	7329484	1516486	12-68	2	305	21,690	3.94	854	20	17,300	3.60	623	1-72		25	623	.06	32	52
32-43-0047	7584058	1427381	9-69	2	305	24,760	3.47	860	30	16,850	3.56	600	11-72		40	1,515	.02	58	110
32-43-0051	7069747	1485549	9-67	4	305	22,213	3.65	810	17	18,010	3.54	638	2-73		30	742	.02	30	55
32-43-0051	7468926	1387978	10-69	2	305	24,935	2.92	728	6	19,485	3.57	695	2-73		40	1,046	-.11	20	59
32-43-0284	7091518	1486180	5-68	3	302	19,023	3.58	681	39	13,877	3.66	508	9-72		29	712	.00	25	50
32-43-0322	5777083	1199324	11-62	5	305	19,054	3.38	644	13	14,740	3.62	534	11-72		44	981	-.05	28	63
32-43-0411	5855620	1189870	3-63	5	305	22,776	4.34	988	17	16,676	3.86	644	7-72		44	995	.12	55	87
32-43-0411	7939173	010267150	3-69	2	305	23,685	3.48	824	17	17,960	3.79	680	1-73		31	839	-.04	24	54
32-43-0442	7622074	1427381	8-68	2	305	19,210	3.36	646	9	15,440	3.50	540	2-72		40	1,067	.02	41	78
32-43-0442	8144786	1458744	7-70	1	305	18,960	3.53	669	19	14,370	3.65	525	8-72		36	763	-.02	25	52
32-43-9483	6368792	010229512	12-62	3	293	21,293	4.02	856	52	16,367	3.73	611	2-72		42	696	.12	43	64
32-43-9483	6989391	1370904	5-64	4	252	27,310	3.46	944	22	17,313	3.79	657	2-73	B	42	1,167	-.05	34	76
32-43-9483	7306201	010229512	4-64	4	276	20,175	4.92	993	21	17,530	3.86	677	11-72	B	43	481	.25	55	66
32-43-9761	7013271	1493315	11-67	2	305	22,665	2.93	663	9	15,100	3.64	550	5-72		25	969	-.13	15	52
32-43-9761	7013274	1493315	11-67	3	305	22,320	3.21	717	10	16,303	3.70	603	11-72		29	906	-.09	19	53
32-44-0331	6993145	1393854	12-67	2	305	22,020	3.28	723	7	16,710	3.61	604	2-72		40	657	.04	30	52
32-44-0654	6317871	1237057	7-65	2	305	21,885	3.58	783	16	15,525	3.84	596	2-73		40	860	-.06	22	53
32-44-9043	5924525	1411766	8-63	7	302	19,055	3.73	711	8	14,465	3.53	510	10-72		36	582	.07	32	51
32-44-9043	7307148	1399654	2-69	3	305	18,293	4.05	741	26	14,723	3.88	571	2-73		42	634	.09	37	57
32-44-9043	7415506	1427381	9-69	1	305	21,100	3.64	769	21	14,600	3.85	562	10-71	H	36	1,194	.03	48	89
32-44-9043	7415508	1427381	10-69	2	305	19,135	3.61	691	23	15,010	3.74	562	10-72		40	1,094	.03	44	81
32-44-9043	7580760	1516004	12-69	2	292	19,145	3.78	724	24	14,685	3.84	564	12-72		35	826	-.02	26	55
32-44-9101	5363540	1232296	1-61	9	305	20,596	3.37	695	15	15,141	3.55	538	3-72		44	1,011	.02	40	75
32-44-9101	6517777	1267271	11-65	5	303	18,638	4.28	797	22	15,452	3.57	551	2-72		44	651	.08	36	57
32-44-9101	7011902	1336050	10-67	4	303	22,632	3.24	734	21	15,547	3.58	557	10-72		44	1,265	-.06	36	82
32-44-9650	5825666	1379945	10-62	6	305	20,883	3.42	714	33	15,303	3.72	570	3-73		37	947	-.06	24	59
32-44-9650	6706818	1410708	9-66	4	305	18,238	4.16	759	20	16,725	3.60	602	6-72		37	494	.13	37	51
32-44-9650	6721905	1493449	1-67	4	305	19,888	3.61	718	30	14,910	3.68	548	5-72		33	769	-.01	26	53
32-44-9966	6775299	1458744	11-66	2	305	23,855	3.52	839	23	16,635	3.62	603	11-71		40	1,173	-.02	39	80
32-44-9966	6968111	1485009	3-67	4	305	21,525	3.49	752	23	17,173	3.65	626	11-72		33	914	-.03	28	61
32-44-9966	7067868	1485009	12-67	3	304	21,943	3.36	738	22	17,573	3.64	639	12-72		32	888	-.06	23	55
32-45-0533	6691056	1244009	10-66	4	305	19,975	3.31	661	11	15,542	3.55	552	3-72		44	921	-.07	22	56
32-45-0533	7592023	1450228	1-70	1	305	18,450	3.30	608	13	13,890	3.52	489	4-72		36	834	-.05	23	53
32-45-0710	6861106	1261857	8-67	3	305	18,373	3.35	615	18	14,490	3.71	537	5-72		42	749	.01	28	54
32-45-9320	7040941	1261857	12-67	3	305	17,027	4.09	696	15	14,350	3.54	508	9-72		42	607	.12	40	58
32-45-9320	7262367	1389915	2-69	2	305	17,980	3.19	573	20	13,245	3.61	478	10-72		38	872	-.09	17	50
32-46-0046	5632379	1330987	8-62	7	302	20,348	3.60	732	19	16,490	3.70	610	10-72		44	787	.02	32	59
32-46-0046	6794477	1386406	12-66	3	299	20,826	3.94	820	17	16,936	3.61	612	11-72		42	694	.07	35	58
32-46-0102	6764543	1261857	2-67	3	305	17,130	3.77	646	12	14,573	3.53	515	5-72		42	599	.08	34	53
32-46-0333	6892499	1261857	10-67	3	305	19,877	3.79	754	36	17,203	3.61	621	6-72		42	673	.08	36	58
32-46-0333	7156859	1399283	9-68	3	305	21,690	3.47	752	39	17,270	3.66	632	2-73		42	798	-.05	21	50
32-46-0333	7339530	1399283	2-69	2	305	22,905	3.44	789	28	17,960	3.61	648	4-72		40	806	-.05	21	50
32-46-0333	7413517	1447414	11-69	2	303	19,795	3.59	711	44	17,595	3.64	641	12-72		40	854	-.03	26	57
32-46-0333	7466171	1447414	12-69	2	304	21,545	3.55	765	37	17,555	3.64	639	1-73		40	1,035	-.04	31	68
32-46-0333	7466172	1447414	1-70	1	305	21,110	3.73	788	37	18,000	3.62	652	3-72		36	889	-.02	29	60
32-46-0333	7506720	1447414	2-70	2	305	19,975	3.45	689	28	17,505	3.62	633	3-73		40	880	-.05	24	56
32-46-0333	7578609	1450228	5-70	1	305	22,660	3.71	841	40	17,670	3.60	637	5-72		36	922	-.01	32	64
32-46-0333	7578610	1450228	6-70	1	305	24,840	3.53	878	41	17,380	3.62	629	6-72		36	1,102	-.03	35	74
32-46-0333	7630965	1447414	7-70	1	305	22,350	3.54	792	38	17,040	3.68	627	7-72		36	1,038	-.04	31	68
32-46-0333	7667654	1450228	11-70	1	305	20,890	3.66	765	53	17,520	3.66	641	11-72		36	799	-.02	26	54
32-46-0333	7667656	1447414	10-70	1	305	20,550	3.60	740	54	17,390	3.67	638	11-72		36	883	-.03	27	59
32-46-0333	7687098	1447414	10-70	1	305	24,760	3.28	813	54	17,300	3.67	635	10-72		36	1,202	-.07	32	76
32-46-0333	7742539	1450228	12-70	1	305	22,650	3.56	806	45	17,830	3.61	643	12-72		36	912	-.02	29	61
32-46-0333	7742540	1447414	12-70	1	305	19,560	3.33	651	30	17,280	3.62	626	2-73		36	816	-.05	21	51
32-46-0333	7808954	1447414	4-71	1	305	19,380	3.35	650	11	17,490	3.56	623	4-73		36	790	-.05	21	50
32-46-0482	6579576	1461461	4-66	4	305	21,305	3.55	756	7	15,815	3.65	578	5-72		35	897	-.03	28	60
32-46-0482	6742267	1461461	11-66	5	298	21,010	3.45	725	17	16,408	3.68	603	12-72		36	815	-.05	22	52
32-46-0483	6207426	1283917	10-64	7	299	23,051	3.21	739	43	16,961	3.61	613	1-73		44	1,019	-.13	16	55
32-46-0483	6332930	1390608	6-65	6	297	21,185	3.70	783	40	16,542	3.60	596	12-72		35	771	.03	32	58
32-46-0483	6450091	1291028	8-65	5	305	24,568	3.29	808	46	16,892	3.58	605	1-72		44	912	-.10	18	52
32-46-0590	6685017	1416235	9-66	4	305	21,543	3.72	802	44	16,710	3.64	609	1-73		37	721	.07	36	60
32-46-0590	7884584	1423320	9-69	2	305	23,590	3.40	802	36	17,165	3.62	621	12-72		39	782	.03	32	59
32-46-0711	7016484	1261857	7-67	4	305	21,028	4.00	842	27	16,485	3.64	600	11-72		44	905	.11	50	79
32-46-0711	7863363	1450228	8-70	1	305	21,660	3.22	697	20	17,110	3.59	615	1-73		36	881	-.06	22	54
32-46-9041	6677017	1432457	8-66	3	305	22,963	3.50	803	8	16,710	3.66	612	9-71		42	785	-.03	24	52
32-46-9041	7753195	1423926	7-70	1	305	26,460	3.11	824	19	16,590	3.55	589	12-72		35	935	-.09	20	55
32-46-9100	6377330	1309948	8-65	6	303	21,706	4.02	873	12	17,253	3.65	630	3-73		43	824	.06	39	66
32-46-9100	6927519	1469145	8-67	4	300	23,618	3.39	800	10	17,940	3.66	656	1-73		30	964	-.06	26	61
32-46-9324	5837686	1395376	10-62	7	302	18,436	4.23	780	46	13,630	3.69	503	11-72		32	731	.12	44	67
32-46-9324	7284605	1408640	8-68	3	304	19,023	3.49	664	75	13,353	3.61	482	11-72		42	811	-.01	28	56
32-46-9590	6807114	1373055	7-65	3	305	29,800	3.50	1043	37	17,306	3.72	643	2-72		42	1,622	-.06	49	107
32-46-9590	7046540	010275932	8-67	3	303	21,060	4.15	874	28	17,797	3.64	648	5-72		42	559	.10	36	53
32-46-9590	7137194	1459712	4-68	2	305	23,655	3.91	926	40	16,895	3.65	616	5-72		39	676	.04	30	53
32-46-9590	7763184	1557072	2-70	1	305	24,770	3.24	803	30	15,940	3.62	577	7-72		19	864	-.05	23	54
32-46-9590	7868653	1499423	7-69	2	305	24,280	2.86	692	33	15,670	3.68	577	7-72		25	1,116	-.15	16	59
32-46-9710	7086946	1432457	6-67	3	305	22,196	3.75	832	20	16,536	3.71	614	10-71		42	712	.01	27	52
32-46-9710	7086950	1432457	9-67	3	305	23,666	3.39	802	21	17,143	3.62	621	6-72		42	827	-.04	23	53
32-46-9710	7603395	1426616	8-69	2	305	21,785	3.62	788	32	17,330	3.72	645	11-72		40	736	-.02	24	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	INDEX..... COW MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
32-47-0620	6940101	1387978	12-67	4	273	19,500	3.57	697	6	16,690	3.61	603	1-73	44	770	-.01	26	$ 53
32-47-0620	7436023	1477381	9-69	2	305	22,055	3.36	740	23	15,805	3.52	556	9-72	40	901	.00	32	63
32-47-0962	6394017	1406271	6-65	4	290	16,830	3.61	607	9	14,150	3.43	486	5-72	44	673	.05	32	54
32-50-0047	6999305	1261857	11-67	4	299	17,835	3.59	641	10	15,190	3.63	552	11-72	44	639	.05	30	51
32-50-0284	7571998	1427381	11-69	2	299	16,455	4.06	668	41	13,900	4.03	560	9-72	40	912	.06	42	72
32-50-0545	8053089	1427381	8-70	1	305	20,160	4.34	874	18	15,180	3.88	587	11-72	36	1,094	.09	54	90
32-50-0714	5385228	1138441	3-61	9	305	22,729	3.32	754	9	14,022	3.70	519	7-72	44	1,434	-.13	31	84
32-50-0714	6356311	1345461	3-65	6	305	18,080	4.00	724	12	13,620	3.71	505	10-72	44	710	.06	35	58
32-50-0767	6888073	1490511	9-67	4	304	19,083	3.99	761	35	15,023	3.75	564	12-72	30	630	.06	32	52
32-50-0825	6684474	1261857	9-66	4	305	20,840	4.06	847	23	16,090	3.65	588	3-72	44	921	.12	52	81
32-50-0825	7438286	1447414	8-69	1	305	18,990	3.83	727	27	15,650	3.62	567	10-72	36	871	-.01	30	61
32-50-0825	7521485	1447414	12-69	1	287	18,720	3.52	659	18	14,010	3.71	520	6-72	36	949	-.04	28	62
32-50-0825	7521486	1447414	1-70	1	305	18,440	3.76	694	13	15,860	3.78	599	5-72	36	817	-.02	26	55
32-50-9592	6618267	1239480	5-66	3	305	21,120	3.98	841	26	17,407	3.80	662	4-72	37	639	.07	33	54
32-50-9592	7481260	1428649	11-69	1	305	28,830	3.45	996	32	18,230	3.74	682	6-72	35	998	-.08	23	60
32-50-9592	7888866	1399283	3-70	1	305	26,190	3.47	910	30	17,960	3.73	670	11-72	36	915	-.06	24	57
32-52-0043	6752348	1438023	9-66	4	297	18,340	3.46	635	18	14,800	3.70	547	1-73	36	871	-.05	23	55
32-52-0043	6759757	1438023	1-67	4	305	20,583	3.45	711	11	15,563	3.61	562	3-72	36	1,100	-.05	32	72
32-52-0043	7072569	1308101	12-67	2	305	18,605	3.72	692	17	16,120	3.62	584	2-72	40	859	-.01	30	60
32-52-0043	7525308	1427381	10-69	2	229	17,200	3.70	636	49	14,830	3.74	554	11-72	40	912	.04	39	70
32-52-0320	5725591	1138441	12-62	6	305	20,995	3.49	732	24	14,140	3.67	519	10-72	44	1,195	-.09	28	72
32-52-0320	6859315	1458744	8-67	2	305	18,520	3.40	630	33	14,700	3.63	533	11-71	40	789	-.03	23	51
32-52-0320	7222903	1458744	5-68	2	305	16,650	3.76	626	46	13,635	3.53	481	10-71	40	686	.02	27	51
32-52-0535	6019609	1250350	1-64	7	279	22,040	3.59	791	14	13,799	3.66	505	12-72	38	1,231	-.02	41	84
32-52-0535	7285728	1427381	12-68	2	305	15,175	3.96	601	16	13,670	3.59	491	3-73	40	801	.07	40	66
32-52-0535	7476195	1427381	11-69	2	299	15,245	3.66	558	12	13,575	3.71	504	1-73	40	816	.04	35	63
32-52-0535	7481957	1427381	8-69	2	190	22,205	3.32	737	10	15,375	3.53	543	4-73	40	1,376	.00	50	98
32-52-0535	7844042	1427381	3-71	1	305	15,660	3.40	533	19	12,960	3.54	459	2-73	36	887	.03	36	66
32-52-0653	7314556	1427381	3-69	3	234	17,113	3.45	590	14	14,703	3.41	502	3-73	B 42	924	.03	38	69
32-52-0653	8047135	010308691	7-70	1	305	18,150	3.22	584	17	14,660	3.27	480	2-73	28	1,012	.02	40	75
32-54-0411	6858770	1303502	9-66	4	305	20,013	3.49	698	11	14,453	3.58	518	1-73	44	758	-.01	26	53
32-54-0411	7507193	1427381	8-69	2	305	16,880	3.18	536	23	13,280	3.52	468	8-72	40	1,005	.00	36	71
32-54-0766	7292037	1427381	1-69	2	305	19,320	3.87	747	37	14,015	3.80	533	8-72	40	1,193	.06	52	92
32-54-0766	7458698	1498545	10-69	2	305	21,400	3.68	788	29	15,765	3.89	614	12-72	25	742	-.01	25	51
32-55-0041	7366637	1427381	5-68	1	305	16,140	3.54	571	15	14,140	3.54	501	3-73	36	852	.04	37	66
32-55-0160	7901845	1399283	10-70	1	305	23,740	3.12	740	19	16,010	3.42	548	11-72	36	848	-.07	19	50
32-56-0760	7585524	1427381	8-69	2	305	16,450	3.87	636	14	14,290	3.87	553	8-72	40	880	.05	39	68
32-57-0108	6706816	1410708	7-66	4	251	21,448	3.19	684	6	16,573	3.46	574	4-72	37	952	-.03	29	63
32-57-0244	7164094	1493412	9-68	3	304	21,143	3.60	761	7	16,873	3.54	598	12-72	31	700	.01	26	50
32-57-0320	7297687	1503982	12-68	2	303	19,630	3.90	766	15	15,575	3.88	604	1-73	29	664	.05	32	54
32-57-0320	7596273	1503982	11-69	2	305	18,715	3.95	740	9	14,555	3.92	570	4-73	29	652	.06	32	53
32-57-0337	7117903	1382176	7-68	2	305	26,165	3.08	805	8	18,350	3.55	651	2-72	39	918	-.12	15	50
32-57-0337	7246379	1532924	1-69	2	305	22,730	3.66	831	7	17,535	3.56	624	6-72	30	837	-.05	23	53
32-57-0539	7600529	1427381	6-70	1	303	18,570	3.58	664	44	16,880	3.58	604	5-72	36	870	.04	37	66
32-57-9621	6851920	1449306	7-67	4	305	20,090	3.35	673	9	15,028	3.78	568	2-73	36	896	-.09	18	51
32-57-9769	6706819	1410708	9-66	4	305	21,233	3.41	724	8	17,513	3.65	639	4-72	37	819	-.01	28	57
32-57-9769	6706820	1410708	10-66	4	305	20,360	3.56	724	5	15,908	3.71	590	9-72	37	876	.01	33	63
32-61-0410	6829594	1419851	9-66	4	305	18,490	3.82	707	22	13,867	3.70	513	11-72	36	735	.03	31	56
32-61-0410	7255570	1427381	10-68	2	305	16,940	3.72	631	21	14,600	3.57	521	4-73	40	904	.05	41	71
32-61-0410	7343389	1427381	10-68	2	305	16,550	3.67	607	38	13,045	3.63	473	9-72	40	991	.04	42	76
32-64-0654	6906952	1417208	7-67	3	305	22,837	3.58	818	12	18,130	3.70	671	2-72	42	942	-.01	33	66
32-64-0654	7623970	1427381	4-70	1	305	23,880	3.48	832	15	18,790	3.46	651	9-72	36	1,152	.04	47	86
32-64-0654	7623971	1427381	5-70	1	305	21,610	3.08	665	12	18,510	3.51	650	10-72	36	999	-.01	35	70
32-64-9762	7074483	1458744	12-67	3	305	20,450	3.32	679	18	16,766	3.57	598	5-72	42	859	-.04	24	55
32-64-9762	7340984	1427381	2-69	2	305	21,695	3.66	794	16	17,330	3.60	624	10-72	40	1,165	.04	49	88
32-66-0442	6622039	1283917	9-66	3	305	23,133	3.23	747	19	16,790	3.80	638	12-71	42	959	-.14	13	50
32-66-0442	7245629	1475574	1-69	2	305	21,765	3.40	740	20	16,150	3.78	610	3-73	35	890	-.06	23	55
32-66-0442	7674182	1504830	11-68	2	305	22,315	3.35	748	16	16,630	3.94	656	4-72	35	1,095	-.10	24	65
32-66-9760	7887399	1427381	2-71	1	305	18,030	3.64	657	7	15,850	3.75	595	2-73	36	891	.03	37	67
32-67-0241	7157217	1419376	10-68	3	305	20,376	3.12	635	25	15,256	3.53	538	1-73	42	795	-.02	25	53
32-67-9040	6558793	1452345	8-65	5	305	19,728	3.80	749	36	15,348	3.73	573	8-72	43	829	.01	32	61
32-67-9040	7677164	1447414	9-69	1	290	17,230	3.56	613	50	14,750	3.74	552	9-71	H 36	793	-.04	22	51
32-67-9040	7807215	1450228	8-70	1	305	22,770	3.54	807	51	15,420	3.71	572	11-72	36	1,064	-.03	33	71
32-67-9040	7807216	1450228	9-70	1	305	20,000	3.54	707	44	14,330	3.71	531	8-72	36	923	-.03	28	61
32-67-9040	7807217	1450228	9-70	1	305	18,880	3.51	662	50	14,720	3.68	542	9-72	36	816	-.03	24	53
32-67-9040	7807218	1447414	8-70	1	305	16,980	3.73	634	53	15,170	3.68	559	9-72	36	780	-.03	23	50
32-68-0108	6239900	1352991	2-65	5	305	18,062	3.80	686	14	13,606	3.65	496	8-72	40	1,091	-.01	38	76
32-68-0108	7608711	1387978	11-69	1	305	18,220	3.59	655	31	13,640	3.28	447	7-72	36	746	.01	28	54
32-68-0535	6456442	1274923	7-65	5	301	25,996	3.02	785	11	16,232	3.65	593	1-73	44	1,008	-.14	15	54
32-68-0535	7341379	1493686	8-68	2	305	19,720	3.35	661	7	16,570	3.64	603	5-72	40	734	-.01	25	51
32-68-0770	7015374	1418927	8-67	3	305	20,827	3.49	726	16	15,547	3.24	503	12-72	42	753	.03	31	57
32-70-0322	7172309	1413165	2-67	4	293	20,915	3.39	710	20	15,975	3.74	598	2-73	44	943	-.12	15	51
32-70-0322	7702057	1427381	9-70	1	305	19,660	4.22	830	40	17,490	3.81	666	9-72	36	915	.08	46	76
32-70-0322	7702058	1427381	11-70	1	305	19,600	3.98	781	51	17,890	3.79	678	11-72	36	886	.07	42	71
32-70-0322	7702060	1458744	12-70	1	305	23,760	3.83	911	12	18,090	3.67	664	3-73	36	899	.01	34	65
32-70-0325	7439940	1489981	11-69	1	305	17,360	4.43	769	25	12,680	4.04	512	3-72	35	464	.14	38	51
32-70-0901	6996333	1478014	11-67	3	305	18,767	4.20	789	10	15,837	3.66	580	8-72	42	608	.11	38	57
32-71-0323	6456517	1268297	12-65	5	290	17,498	3.58	627	9	13,500	3.70	499	7-72	44	667	.04	30	52
32-71-0323	6916794	1298372	7-67	4	305	20,335	3.42	696	9	14,048	3.69	518	12-72	43	824	-.05	22	52
32-71-0480	6662729	1330987	8-66	4	305	18,775	3.99	749	10	14,762	3.76	555	9-72	44	744	.08	39	63
32-71-0480	7264424	1427381	10-68	2	305	19,790	3.55	703	14	14,385	3.65	525	6-72	40	1,211	.03	48	89
32-73-0043	7226624	1427381	8-68	2	285	18,790	3.81	715	27	13,225	3.68	487	3-72	40	1,204	.05	52	93
32-73-0321	7660520	1308101	1-69	2	305	17,440	3.76	655	21	14,500	3.85	558	8-72	40	872	-.02	28	59
32-73-0761	7852768	1399283	8-69	2	305	21,010	3.49	734	43	14,230	3.77	536	12-72	40	917	-.05	25	58
32-74-0761	6652432	1437311	8-66	3	305	18,783	3.79	711	23	13,677	3.66	500	7-72	33	684	.02	28	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
32-74-0761	7265666	1387978	10-68	3	305	20,660	3.56	736	48	13,820	3.71	513	11-72	42	1,149	-.02	38	$ 79
32-74-0761	7465242	1447414	8-69	2	303	15,500	3.64	564	35	13,220	3.69	488	8-72	40	773	-.03	23	51
32-74-0761	7465244	1447414	8-69	2	305	17,435	3.50	610	32	14,155	3.69	522	12-72	40	894	-.05	25	57
32-74-0761	7502705	1447414	8-69	2	305	16,235	3.33	540	42	13,490	3.70	499	10-72	40	826	-.06	20	50
32-74-0761	7533684	1447414	8-69	2	295	17,720	3.61	639	38	13,415	3.69	495	9-72	40	983	-.03	30	65
32-74-0761	7533686	1447414	9-69	2	305	17,095	3.45	590	35	13,220	3.69	488	8-72	40	935	-.05	26	60
32-74-0761	7606006	1447414	8-69	2	305	15,875	3.61	573	35	13,220	3.69	488	8-72	40	811	-.03	24	53
32-74-0761	7606007	1447414	9-69	2	305	15,915	3.58	569	32	13,120	3.67	482	8-72	40	823	-.04	24	54
32-74-0761	7606008	1447414	11-69	1	305	16,960	3.73	633	36	13,480	3.78	510	11-72	36	849	-.03	26	56
32-74-0761	7606010	1447414	12-69	1	305	16,080	3.42	550	34	12,360	3.71	459	8-72	36	850	-.05	23	54
32-74-0761	7885943	1450228	1-71	1	305	17,600	3.93	691	5	14,100	3.46	488	4-73	36	758	.01	29	55
32-75-0481	7118218	1427381	8-68	2	305	20,800	3.55	738	23	15,485	3.87	600	10-72	40	1,224	.01	45	87
32-75-0481	7247739	1427381	12-68	2	305	20,080	4.36	875	24	15,825	3.87	612	10-72	40	1,124	.11	50	94
32-75-0481	7336299	1427381	10-68	2	305	20,895	3.73	780	18	15,950	3.91	623	11-72	40	1,196	.03	48	89
32-75-0481	7624293	1427381	9-69	2	305	20,960	3.64	763	19	16,820	3.80	639	2-73	40	1,132	.03	45	84
32-75-0481	7624295	1427381	11-69	1	295	18,440	3.80	700	22	16,650	3.79	631	10-72	36	874	.05	39	68
32-76-0768	7256255	1458744	11-67	3	300	20,046	3.86	773	27	14,190	3.74	531	7-72	42	1,050	.02	41	77
32-85-0482	7479237	1447414	8-69	2	305	15,140	3.65	552	17	12,260	3.48	427	11-72	40	815	-.01	27	56
32-88-0651	7019181	1511226	1-68	3	302	21,527	3.24	697	39	16,257	3.35	545	2-72	29	798	-.04	23	52
32-88-0651	7544356	010293895	4-68	3	305	21,930	3.06	672	43	15,693	3.41	535	1-73	40	857	-.08	19	51
32-88-0651	7571865	1509821	3-70	2	298	18,900	4.01	757	46	16,185	3.36	544	3-73	31	553	.09	34	51
32-88-0651	7662005	1347940	8-70	1	305	18,660	3.71	692	63	16,270	3.28	533	1-73	36	700	.03	30	54
32-88-0651	7692490	1450692	12-70	1	305	21,760	2.94	639	59	16,370	3.30	541	2-73	35	805	-.05	22	51
32-88-0651	7830583	1500404	9-69	2	305	19,960	3.37	673	55	16,015	3.40	544	2-73	40	863	-.08	18	50
32-88-9282	6885268	1330987	5-67	4	302	23,800	3.61	860	17	16,740	3.27	548	7-72	44	1,169	.08	54	93
32-88-9282	7112169	1330987	7-68	1	305	26,580	3.13	831	25	18,750	3.46	649	11-71	36	921	-.01	31	63
32-88-9282	7164697	1427381	8-68	3	305	26,210	3.34	876	26	17,900	3.30	591	12-72	42	1,676	.02	63	121
32-88-9282	7251640	1427381	10-68	2	305	21,105	3.31	698	26	18,090	3.23	585	9-72	40	1,044	.03	43	79
32-88-9282	7535785	1464901	12-69	1	305	23,190	3.04	704	32	18,540	3.12	579	2-72	34	969	-.06	26	61
32-88-9282	7720942	1458744	10-70	1	305	22,020	3.69	813	32	19,420	3.27	636	12-72	36	690	.03	29	52
32-88-9282	7720944	1427381	10-70	1	305	23,320	3.34	779	30	18,050	3.27	590	1-73	36	1,154	.03	47	86
32-89-0044	6678819	1222994	7-66	4	305	21,448	4.25	912	82	16,773	3.76	631	10-72	44	880	.10	47	75
32-89-0044	7518190	1447414	11-69	2	305	18,905	3.76	710	69	17,230	3.92	675	1-73	40	793	-.04	23	52
32-89-0044	7549879	1540369	1-70	1	305	20,260	4.08	826	65	16,670	3.88	647	12-71	H 29	611	.07	32	52
32-89-0044	7663163	1447414	4-70	1	305	19,950	4.19	836	78	18,190	3.88	705	9-72	36	791	.01	30	57
32-89-0044	7663164	1447414	8-70	1	305	20,450	3.60	737	78	18,190	3.88	705	9-72	36	828	-.05	22	52
32-89-0044	7748576	1450228	10-70	1	305	26,000	3.58	931	76	18,320	3.91	717	12-72	36	1,132	-.04	34	75
32-89-0044	7849336	1450228	1-71	1	305	21,020	3.98	837	66	18,660	3.92	731	1-73	36	741	.00	26	52
32-89-0108	5554277	1377265	4-62	6	300	19,568	4.07	796	6	14,628	3.53	516	9-72	34	787	.10	44	69
32-89-0328	7476084	1427381	2-70	1	305	18,810	4.07	765	10	15,130	3.60	544	6-72	36	992	.09	49	81
32-89-0328	7617025	010308691	7-70	1	305	17,060	3.72	635	20	15,040	3.60	541	10-72	28	895	.05	40	70
32-89-0440	6912730	1323989	11-67	3	297	20,413	3.67	750	18	14,103	3.53	498	10-72	41	768	.02	30	56
32-89-0531	7131565	1525099	9-68	3	305	22,107	3.79	838	5	15,973	3.53	564	3-73	36	1,058	.03	42	78
32-89-0820	7228327	1261857	8-68	1	305	20,200	3.42	690	14	15,670	3.62	568	4-72	36	689	.04	31	54
32-89-0908	6800216	1442701	1-67	4	300	21,183	3.66	775	7	15,810	3.74	592	7-72	35	1,090	.00	39	77
32-90-0770	7967417	1441440	3-71	1	305	21,860	3.27	715	9	16,590	3.80	631	2-73	36	748	-.02	24	51
32-90-0771	7766528	1427381	11-70	1	305	19,050	3.68	701	6	15,070	3.39	511	1-73	36	1,013	.06	46	80
32-90-0950	6756287	1406271	1-67	4	251	16,825	4.33	729	20	14,853	3.71	551	2-73	44	603	.12	40	58
32-90-0950	6923491	1493448	10-67	3	302	20,233	3.73	754	13	14,330	3.76	539	7-72	29	833	.01	31	60
32-91-0322	7143698	1488930	10-66	4	305	18,495	4.38	810	13	14,460	3.90	564	11-72	30	609	.11	39	57
32-91-0322	7638711	1427381	10-68	3	284	17,206	3.98	685	12	15,250	3.89	593	3-73	42	884	.06	41	70
32-91-0760	6271937	1330987	10-64	6	304	19,890	3.84	763	39	15,545	3.77	586	4-72	44	826	.05	38	65
32-91-0760	6550137	1330987	1-66	5	299	18,632	3.67	684	41	15,490	3.74	579	1-73	44	669	.03	29	52
32-91-0760	7733014	1427381	3-70	1	305	17,810	3.69	657	34	13,360	3.50	467	9-72	36	1,023	.05	45	79
32-91-9710	6888648	1283917	10-67	4	304	21,340	3.37	719	28	14,737	3.94	580	12-72	44	994	-.13	16	54
32-91-9710	7813635	1427381	12-70	1	305	18,470	3.26	603	23	15,660	3.81	597	2-73	36	935	.00	33	66
32-92-9040	6446368	1085978	2-64	5	305	20,160	3.38	681	16	15,556	3.60	560	2-72	44	870	-.04	25	56
32-92-9441	6467564	1452883	11-65	5	305	20,452	3.41	698	8	15,194	3.55	540	12-72	32	852	-.03	26	56
32-92-9711	7465367	1458744	11-69	1	305	18,600	3.06	569	29	13,250	3.47	460	1-72	36	803	-.05	21	50
32-92-9711	7712015	1458744	11-70	1	305	17,700	3.32	587	23	12,430	3.37	419	2-73	36	785	-.02	25	53
32-92-9870	7826107	1427381	5-70	1	305	18,180	3.62	659	32	16,200	3.62	586	11-72	36	881	.04	38	68
32-94-9650	6969350	1357797	11-67	4	304	16,748	3.98	666	48	14,195	3.65	518	2-73	43	504	.14	39	53
32-94-9650	6992853	1475574	10-67	3	305	19,063	3.61	688	58	14,040	3.63	510	1-72	38	844	-.01	29	59
32-94-9650	7307440	1355784	1-69	3	282	19,113	3.56	681	61	14,710	3.66	539	1-73	42	953	-.07	23	58
32-94-9650	7549535	1242221	11-69	2	298	19,185	3.89	747	56	14,550	3.69	537	1-73	38	1,103	.03	45	83
32-94-9650	7549536	1242221	11-69	1	305	19,980	3.25	650	62	15,660	3.67	575	12-72	34	1,012	-.04	30	66
32-94-9650	7611381	1242221	8-69	2	305	19,860	3.14	623	57	14,570	3.69	538	1-73	38	1,172	-.06	32	74
32-94-9650	7611382	1242221	11-69	2	293	16,808	3.63	609	56	14,660	3.68	539	12-72	38	845	.00	30	60
32-94-9650	7611383	1242221	12-69	2	286	16,325	3.83	625	54	14,625	3.68	538	1-73	38	798	.02	32	59
32-94-9654	7549528	1399283	9-69	2	303	24,770	3.43	850	9	15,885	3.70	587	12-72	40	1,164	-.06	32	74
32-94-9655	7307441	1355784	4-69	2	305	19,705	3.69	728	16	15,585	3.67	572	11-72	40	893	-.06	23	56
32-94-9655	7549507	1440614	12-69	2	305	22,015	3.06	673	13	15,705	3.66	575	12-72	38	938	-.11	16	52
32-94-9655	7549537	1242221	11-69	2	305	18,100	3.63	657	16	15,700	3.68	577	11-72	38	894	.00	32	63
33-01-0110	6793989	1308101	12-66	4	305	17,715	3.69	653	9	15,103	3.54	534	9-72	44	878	.00	31	62
33-01-0110	6955701	1308101	9-67	3	305	17,297	3.64	629	11	15,270	3.53	539	3-72	42	805	-.01	28	56
33-01-0110	7081045	1308101	1-68	3	305	16,997	3.51	597	8	15,370	3.49	536	1-73	42	761	-.02	24	51
33-01-0110	7081046	1308101	4-68	3	305	17,500	3.50	613	8	15,630	3.51	549	11-72	42	795	-.02	25	53
33-01-0110	7081047	1308101	5-68	2	305	17,255	3.29	567	10	15,185	3.52	534	10-72	40	798	-.05	21	50
33-01-0110	7150198	1308101	7-68	3	305	19,513	3.11	606	10	15,590	3.47	541	2-73	42	1,030	-.08	25	63
33-01-0140	6204570	1410270	1-64	7	301	20,403	3.50	715	7	14,987	3.60	540	4-73	37	883	.00	32	63
33-01-0143	7542624	1427381	10-68	3	298	18,283	3.48	637	16	14,760	3.54	523	12-72	42	1,053	.03	42	78
33-01-0173	6761455	1330987	11-66	3	305	19,353	3.45	668	11	14,450	3.73	539	4-72	42	810	.01	30	56
33-01-0173	7245769	1427381	12-68	2	305	18,095	3.45	625	21	14,430	3.71	535	12-72	40	1,035	.01	39	75
33-01-0274	7161467	1315578	2-68	3	305	16,670	3.64	607	11	13,247	3.31	438	2-72	42	509	.11	35	50
	516285	1308101	10-69	1	305	17,360	3.52	611	29	14,760	3.77	556	6-72	36	809	-.04	23	52

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
33-01-0440	7616869	1308101	12-69	1	305	18,360	3.51	644	33	14,630	3.87	566	8-72		36	891	-.05	25	$ 57
33-01-0440	7616891	1308101	2-70	1	305	17,810	3.47	618	33	14,630	3.87	566	8-72		36	850	-.05	23	54
33-01-0440	7616893	1308101	2-70	1	305	19,030	3.32	631	33	14,630	3.87	566	8-72		36	941	-.06	24	58
33-01-0511	7375348	1427381	3-69	1	305	19,420	3.51	681	18	14,510	3.56	517	3-72		36	1,074	.03	44	81
33-01-0511	7687288	1427381	5-70	1	305	19,260	3.86	743	42	15,660	3.68	577	12-72		36	994	.06	45	78
33-01-0511	7687290	1427381	11-70	1	305	19,100	3.09	591	39	15,750	3.68	579	1-73		36	977	-.01	34	68
33-01-0541	7301392	1308101	1-69	1	297	19,570	4.02	787	22	15,510	3.66	568	7-72		36	928	.02	36	68
33-01-0717	7614054	1427381	3-69	2	285	15,760	3.62	571	23	12,825	3.64	467	10-72		40	929	.04	39	70
33-01-0717	8249995	1427381	2-71	1	305	16,310	3.59	585	15	12,850	3.70	475	12-72		36	942	.03	39	71
33-01-0718	6815471	1485550	1-67	4	277	18,605	3.83	712	22	14,610	3.70	541	11-72		43	792	-.03	24	52
33-02-0210	6489482	1421038	11-65	4	305	22,393	3.19	715	211	15,760	3.46	546	5-72		30	1,043	-.07	27	65
33-02-0210	6536657	1237057	12-65	4	305	21,262	3.51	746	30	15,810	3.66	579	1-72		44	887	-.06	23	55
33-02-0210	7035865	1308101	2-68	3	305	22,247	3.51	780	8	16,963	3.45	586	11-72		42	1,218	-.02	41	84
33-02-0210	7115076	1458744	6-68	3	290	19,463	3.35	652	16	15,503	3.53	547	8-72		42	862	-.04	25	56
33-02-0213	6857463	1458744	8-67	3	299	19,280	3.11	600	25	14,736	3.39	500	11-72		42	911	-.06	24	57
33-02-0240	7422341	1427381	9-69	1	305	17,880	3.82	683	35	15,270	3.50	534	11-71		36	914	.07	43	73
33-02-0240	7545512	1427381	8-69	2	305	19,370	3.47	673	10	15,880	3.54	562	3-73		40	1,047	.03	42	78
33-02-0240	7610564	1427381	12-69	1	305	18,460	3.50	647	13	15,390	3.51	540	3-72		36	950	.04	40	72
33-02-0440	5592157	1181029	7-61	9	303	22,117	3.80	841	11	16,556	3.67	607	2-72		44	779	.05	35	61
33-02-0440	7270292	1308101	1-69	3	302	22,660	3.23	732	27	16,237	3.73	606	2-73		42	1,333	-.09	33	82
33-02-0440	8125051	1450692	8-70	1	305	20,760	3.68	764	25	15,490	3.71	574	10-72		35	782	.01	30	57
33-02-0441	5475927	1345456	11-61	9	303	21,251	3.62	770	16	15,457	3.58	553	8-72		35	1,085	.01	41	78
33-02-0441	6675719	1475584	9-66	3	305	21,787	3.50	763	22	15,373	3.63	558	6-72		29	936	-.02	31	64
33-02-0441	7103067	1488038	1-68	3	305	22,090	3.27	723	16	16,197	3.59	581	3-72		29	885	-.06	22	54
33-02-0441	7225919	1427381	11-68	3	305	21,893	3.36	735	27	17,066	3.40	581	2-73		42	1,256	.02	48	91
33-02-0442	5362609	1352153	4-61	7	305	21,843	3.37	736	8	13,966	3.68	514	3-72		34	1,244	-.06	36	81
33-02-0443	7375196	1427381	9-68	2	229	22,410	2.94	658	15	13,615	3.50	477	8-72	B	40	1,540	-.05	47	102
33-02-0443	7375197	1427381	6-69	2	191	16,740	4.04	676	15	14,875	3.55	528	11-72	B	40	862	.09	45	73
33-02-0443	7556502	1427381	9-69	1	305	22,890	3.44	788	17	15,590	3.55	554	11-71		36	1,269	.03	50	94
33-02-0443	7556505	1427381	2-70	1	305	20,140	3.90	786	9	16,340	3.49	571	3-72		36	1,019	.08	49	83
33-02-0443	7556506	1427381	2-70	1	117	16,810	3.44	578	14	14,150	3.57	505	10-72	B	36	901	.03	37	68
33-02-0714	6952647	1357743	11-67	4	305	22,918	3.74	857	19	16,225	3.80	617	2-73		44	959	-.02	32	66
33-02-0714	7618598	1427381	1-70	1	305	18,070	4.29	775	31	15,490	3.80	589	8-72		36	915	.09	47	77
33-02-0715	6990454	1315578	6-67	4	305	19,090	3.75	715	44	15,645	3.50	548	1-73		44	594	.11	38	56
33-02-0715	7659253	1450692	10-70	1	305	20,650	3.21	663	60	15,130	3.51	531	1-73		35	796	-.02	25	53
33-02-0722	7359752	1427381	9-68	2	305	17,575	3.91	688	14	15,820	3.50	553	1-72		40	870	.08	44	72
33-02-0740	6249603	1279292	9-64	5	305	21,054	3.73	785	22	16,736	3.68	616	1-72		36	697	.01	27	51
33-02-0842	7356507	1427381	2-70	1	305	21,910	3.69	808	43	16,710	3.54	591	12-72		36	1,129	.05	49	87
33-02-0842	7627289	1308101	9-68	3	304	17,993	3.66	658	39	16,477	3.52	580	12-72		42	774	-.01	27	54
33-02-0842	7705731	1458744	7-70	1	305	19,310	3.43	662	50	15,080	3.64	549	9-72		36	747	-.03	23	50
33-02-0845	7461647	1386859	5-69	2	305	21,570	3.48	751	13	15,920	3.54	564	6-72		40	832	.01	31	60
33-02-0845	7506706	1352979	2-70	2	303	24,840	3.16	786	11	16,290	3.56	580	1-73		40	1,186	-.12	24	68
33-03-0158	6808988	1308101	2-67	3	284	17,030	3.34	568	7	12,820	3.75	481	7-72		42	1,000	-.06	26	62
33-03-0158	7788901	1447414	6-70	1	305	17,920	3.44	617	16	13,670	3.96	542	12-72		36	909	-.06	23	56
33-03-0211	6761537	1315578	3-67	4	305	16,985	4.02	682	21	13,413	3.68	493	3-73		44	555	.13	39	55
33-03-0211	7045721	1308101	3-68	2	305	17,995	3.40	612	26	13,030	3.75	489	2-72		40	1,048	-.06	29	67
33-03-0211	7444779	1435064	11-69	1	305	20,330	4.44	902	28	13,530	3.75	507	12-71		35	626	.08	34	54
33-03-0243	7522858	1520560	4-69	1	305	22,290	3.28	732	31	13,700	3.75	514	5-72		23	923	-.07	23	57
33-03-0313	6689951	1308101	9-66	5	300	18,804	3.53	663	17	16,104	3.78	609	9-72		44	923	-.05	26	59
33-03-0512	6323033	1182696	10-64	5	305	19,506	3.89	758	23	17,044	3.68	627	8-72		44	617	.06	31	51
33-03-0512	6336591	1244009	3-65	5	305	21,328	3.41	728	29	17,218	3.72	640	3-72		44	944	-.08	22	57
33-03-0512	7246792	1315578	12-68	2	305	20,730	3.87	803	21	17,940	3.62	650	10-72		40	502	.12	36	51
33-03-0512	7489287	1308101	8-69	2	305	20,905	3.40	710	28	17,435	3.64	635	10-72		40	986	-.05	27	63
33-03-0512	7675085	1447414	10-70	1	305	22,740	2.99	681	27	16,920	3.65	617	10-72		36	1,075	-.10	23	63
33-03-0512	7675086	1447414	10-70	1	305	18,590	3.78	702	29	16,690	3.70	618	8-72		36	779	-.02	25	53
33-03-0512	7808812	1447414	12-70	1	305	19,950	3.26	651	23	17,070	3.67	626	11-72		36	858	-.06	21	52
33-03-0543	7038410	1387978	1-68	3	305	19,203	3.97	762	12	16,677	3.65	608	1-73		42	719	.05	33	57
33-03-0544	7336881	1303502	11-68	2	276	22,115	3.37	745	24	14,085	3.77	541	9-72		40	884	-.04	26	58
33-03-0712	6500834	1315578	2-66	5	303	19,082	3.56	680	12	13,688	3.72	509	11-72		44	813	.06	39	66
33-03-0712	6997172	1352979	11-67	4	304	18,443	3.82	705	24	13,983	3.61	505	1-73		44	804	-.02	26	54
33-03-0712	7177086	1308101	11-68	3	298	17,497	3.38	591	24	13,767	3.66	504	11-72		42	966	-.06	26	61
33-05-0150	7191741	1330987	5-67	4	295	17,745	3.75	665	11	13,677	3.80	520	1-73		44	724	.04	32	56
33-05-0150	7579625	1458744	1-70	1	103	19,460	3.83	746	9	14,020	3.83	537	6-72	A	36	822	.00	30	59
33-05-0444	7178883	1315578	5-68	2	305	21,355	3.96	846	9	15,950	3.79	604	11-72		40	727	.12	44	66
33-05-0475	6677802	1330987	7-66	4	305	21,697	3.63	788	17	14,720	3.76	553	3-72		44	1,109	.03	44	82
33-07-0143	6964522	1261857	5-67	3	303	18,437	3.81	702	10	15,673	3.73	584	1-72		42	648	.07	34	55
33-07-0147	7342776	1387978	1-69	2	305	18,805	3.22	605	25	15,010	3.57	536	4-72		40	787	-.05	21	50
33-07-0171	7331481	1427381	3-69	2	305	17,800	3.76	670	33	13,780	3.70	510	12-72		40	1,058	.05	46	82
33-07-0171	7331482	1427381	3-69	2	305	16,355	4.04	660	23	13,995	3.72	521	3-73		40	894	.08	44	73
33-07-0212	7381964	1308101	4-69	2	300	20,060	3.43	689	17	15,480	3.73	578	1-73		40	1,059	-.05	30	68
33-07-0847	6938592	1308101	11-67	3	305	20,683	3.52	729	12	15,157	3.75	568	12-72		42	1,205	-.05	36	79
33-09-0003	6540493	1203114	2-66	4	305	21,465	3.17	681	66	14,890	3.60	536	7-72		44	903	-.09	19	53
33-09-0003	6625253	1308101	9-66	5	302	18,550	3.26	604	70	14,930	3.52	525	12-72		44	1,011	-.06	27	64
33-09-0003	6661292	1308101	10-66	5	305	19,544	3.43	670	62	14,882	3.51	523	3-73		44	1,144	-.04	35	76
33-09-0003	7384669	1308101	7-69	2	305	17,870	3.03	542	62	14,585	3.59	523	9-72		40	909	-.09	19	53
33-09-0003	7495077	1427381	12-69	1	305	20,120	3.21	645	65	15,050	3.57	537	2-72		36	1,094	.00	40	78
33-09-0003	7495078	1427381	12-69	1	305	21,630	3.63	786	70	14,390	3.61	520	9-72		36	1,246	.05	52	94
33-09-0003	7495080	1427381	12-69	1	305	17,040	3.37	575	65	15,050	3.57	537	2-72		36	865	.03	35	65
33-09-0003	7495081	1427381	12-69	1	305	17,670	3.85	681	61	15,000	3.57	536	3-72		36	915	.06	43	73
33-09-0003	7495082	1427381	12-69	1	305	17,770	4.24	754	70	14,390	3.61	520	9-72		36	959	.09	49	80
33-09-0003	7495084	1427381	1-70	1	305	18,420	3.39	625	61	15,000	3.57	536	3-72		36	971	.03	39	72
33-09-0003	7495088	1427381	2-70	1	305	19,980	3.18	635	61	15,000	3.57	536	3-72		36	1,087	.00	39	77
33-09-0003	7495089	1308101	10-69	2	298	20,195	3.15	636	70	15,310	3.44	527	1-73		40	1,086	-.07	28	68
33-09-0003	7596260	1450692	6-70	1	305	19,360	3.45	668	64	14,300	3.63	519	9-72		35	748	-.01	26	52
33-09-0003	7596262	1450692	6-70	1	305	20,070	3.21	645	58	14,230	3.58	509	8-72		35	806	-.03	25	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C O CALVD O MO-YR	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
33-09-0003	7596263	1450692	6-70	1	305	20,980	3.38	709	75	15,370	3.45	531	12-72	35	806	-.01	28	$ 56
33-09-0003	7596264	1450692	6-70	1	305	19,160	3.55	680	76	15,160	3.46	524	1-73	35	681	.02	27	50
33-09-0003	7700614	1458744	10-70	1	305	20,200	3.88	783	75	15,310	3.46	530	12-72	36	800	.03	33	60
33-09-0003	7794642	1458744	11-70	1	300	20,250	3.19	645	60	15,400	3.44	529	2-73	36	798	-.04	23	52
33-09-0152	7448310	1308101	11-69	1	305	15,290	3.56	545	13	12,900	3.52	454	11-72	36	765	-.02	25	52
33-09-0152	7556595	1392858	12-68	2	305	18,485	3.27	605	6	12,150	3.58	435	3-73	40	765	-.01	26	53
33-09-0153	7567732	1308101	1-70	1	305	16,990	3.37	572	13	13,190	3.71	490	8-72	36	875	-.05	24	56
33-09-0153	7627989	1392858	10-68	2	303	18,300	3.84	702	6	13,975	3.32	464	1-72	40	598	.08	33	52
33-10-0145	7185293	1392858	7-68	2	305	23,585	3.76	886	15	17,355	3.63	630	2-73	40	860	.05	38	67
33-10-0671	6932952	1363507	11-67	4	305	22,358	3.56	795	9	17,750	3.62	643	3-73	44	780	-.04	22	50
33-10-0671	7390769	1392858	7-69	2	305	20,700	3.75	777	10	16,545	3.63	601	9-72	40	633	.05	30	51
33-10-0671	7528880	1392858	1-70	2	305	26,230	3.51	921	13	17,380	3.72	647	1-73	40	1,126	.00	41	80
33-10-0672	7035861	1308101	7-67	3	305	21,060	3.57	751	6	18,680	3.38	632	3-72	42	924	.00	33	65
33-10-0672	7035866	1308101	2-68	3	296	21,550	3.47	748	8	18,313	3.54	649	3-73	42	1,014	-.03	31	67
33-10-0672	7134304	1308101	7-68	2	305	22,240	3.55	790	7	18,415	3.52	648	4-72	40	1,042	-.02	34	71
33-10-0672	7322742	1308101	2-69	2	305	19,035	3.58	682	10	17,240	3.58	617	7-72	40	812	-.02	26	55
33-13-0210	7103147	1308101	3-68	2	305	22,830	3.60	823	22	15,180	3.83	581	1-72	40	1,364	-.04	43	91
33-13-0210	7376505	1308101	3-69	2	305	21,085	3.67	773	18	15,435	3.71	572	7-72	40	1,166	-.02	39	80
33-13-0210	7589419	1392858	1-70	2	305	19,495	4.29	836	12	15,325	3.86	592	4-73	40	609	.09	36	55
33-13-0273	6908912	1435095	12-67	3	305	22,773	3.20	728	28	16,647	3.44	573	8-72	42	728	-.01	25	51
33-13-0273	7041260	1315578	3-68	3	302	20,167	3.59	725	28	15,800	3.42	540	8-72	42	676	.10	39	60
33-13-0273	7233580	1315578	2-68	4	295	21,133	3.10	655	24	16,875	3.54	597	2-73	44	725	.00	26	51
33-13-0273	7338065	1497039	1-69	2	305	22,170	3.14	697	28	16,715	3.50	585	5-72	38	939	-.10	18	53
33-13-0311	7274209	1523513	1-69	2	305	21,620	3.33	721	32	15,530	3.64	566	9-72	25	794	-.05	21	50
33-13-0311	7568396	1497039	1-70	2	305	22,115	3.36	743	25	16,820	3.56	599	1-73	38	924	-.07	22	56
33-13-0342	6504432	1315578	1-66	5	305	18,408	3.67	676	15	13,810	3.69	510	9-72	44	713	.08	38	61
33-13-0349	7301316	1363507	7-68	3	305	23,600	3.60	849	15	17,933	3.62	650	2-73	42	865	-.03	26	57
33-13-0349	7560455	1308101	7-69	2	305	22,385	3.52	788	25	17,585	3.69	649	12-72	40	1,124	-.04	34	74
33-13-0352	7134855	1386859	8-68	2	291	17,760	4.49	798	12	15,280	3.55	542	11-72	40	495	.13	37	51
33-13-0352	7379093	1308101	1-69	2	300	18,575	3.33	619	12	14,360	3.70	532	8-72	40	999	-.06	26	62
33-13-0352	7872086	1450228	1-71	1	305	22,630	3.62	819	11	15,620	3.59	560	1-73	36	1,042	-.02	35	72
33-13-0353	6305490	1330987	2-65	4	305	18,212	3.45	629	30	14,312	3.65	523	9-72	44	719	.01	27	52
33-13-0353	7241012	1392858	11-68	3	305	20,503	3.54	725	27	15,553	3.81	592	2-73	42	757	.00	27	53
33-13-0445	7771074	1450228	9-70	1	305	18,730	4.08	764	7	14,700	3.93	578	9-72	36	806	.01	30	58
33-13-0512	6175203	1182696	12-64	6	302	21,127	3.82	808	31	14,673	3.73	547	10-72	44	1,071	.05	46	82
33-13-0512	6316776	1457920	5-65	6	303	20,161	3.45	695	27	15,078	3.75	566	9-72	36	794	-.04	23	52
33-13-0512	6491607	1352979	2-66	5	305	27,798	3.45	958	26	15,154	3.75	568	1-73	44	1,910	-.09	53	122
33-13-0512	6763921	1455132	12-66	4	299	21,428	3.51	753	21	14,940	3.83	572	5-72	35	976	-.03	30	65
33-13-0512	6872341	1485550	7-67	4	305	24,505	3.30	809	30	14,928	3.88	579	11-72	43	1,495	-.13	32	88
33-13-0678	7248620	1315578	9-68	3	305	19,963	4.03	805	28	15,423	3.90	602	11-72	42	687	.11	42	63
33-13-0678	7248624	1537827	10-68	3	305	19,490	4.02	783	26	15,130	3.93	595	12-72	29	636	.04	29	50
33-13-0680	6489033	1385036	11-65	3	303	18,527	3.85	714	24	13,477	3.64	491	9-72	42	710	.00	25	50
33-13-0680	7049229	1308101	8-67	2	295	17,520	3.79	664	9	14,255	3.50	499	3-73	40	900	.01	34	65
33-18-0218	7164627	1308101	7-68	3	305	17,567	3.44	604	28	13,590	3.76	511	10-72	42	990	-.06	27	63
33-18-0218	7228637	1308101	9-68	2	305	17,765	3.56	633	27	13,850	3.70	513	6-72	40	958	-.03	29	63
33-18-0218	7228638	1308101	10-68	3	304	16,130	3.64	587	21	14,470	3.72	539	12-72	42	744	-.02	23	50
33-18-0219	6683828	1308101	8-66	4	298	19,313	3.57	690	8	16,660	3.73	622	2-72	44	922	-.04	27	60
33-18-0348	6927766	1308101	9-67	4	305	18,750	3.62	678	27	15,323	3.80	583	4-73	44	984	-.03	30	65
33-18-0348	7608593	1308101	1-70	1	305	17,300	3.75	648	18	14,870	3.80	565	4-73	36	798	-.02	26	54
33-18-0510	7318558	1308101	12-68	2	305	16,725	3.85	644	30	14,465	3.80	550	8-72	40	802	-.01	27	55
33-18-0711	7001977	1308101	2-68	3	257	18,610	3.37	627	14	15,277	3.59	549	7-72 B	42	955	-.05	26	61
33-21-0172	7108060	1505115	8-68	2	305	21,305	3.77	803	24	14,950	3.89	581	3-72	25	813	.00	30	58
33-21-0172	7563022	1427381	4-70	1	305	15,530	3.70	575	43	13,410	3.83	514	8-72	36	850	.04	36	65
33-21-0176	6547411	1329588	1-66	4	305	22,938	3.40	780	20	17,123	3.78	647	4-72	44	967	-.07	24	59
33-21-0176	6982816	1480397	12-67	3	305	20,600	3.61	744	16	16,293	3.79	617	11-72	33	774	-.02	25	52
33-21-0176	7392831	1458744	7-69	1	305	20,030	4.08	817	22	16,210	3.77	611	1-73	36	734	.02	30	55
33-21-0215	6841864	1308101	3-67	4	305	17,708	3.71	657	10	15,863	3.81	605	5-72	44	802	-.02	25	54
33-21-0215	7346218	1308101	9-69	1	305	18,430	4.24	782	10	15,050	4.27	642	4-72	36	871	.00	31	61
33-21-0322	7128910	1427381	9-68	2	305	16,985	3.63	617	14	12,770	3.75	479	10-71	40	1,058	.03	43	79
33-21-0322	7288995	1427381	1-69	2	305	16,655	3.46	577	11	12,930	3.74	483	12-72	40	1,011	.02	39	74
33-21-0617	6524299	1242221	1-66	4	305	18,520	3.66	678	22	14,585	3.78	547	5-72	42	1,084	-.01	38	76
33-21-0617	7080786	1520523	4-68	3	305	17,766	4.18	742	13	14,273	3.85	550	4-73	32	649	.08	35	56
33-21-0617	7121764	1520523	4-68	2	305	19,735	3.50	691	21	12,885	3.92	505	6-72	29	976	-.03	30	63
33-21-0617	7121766	1520523	6-68	2	305	19,115	3.75	716	17	13,170	3.76	495	5-72	29	874	.02	34	64
33-21-0617	7443067	1520523	11-69	1	305	18,350	3.86	708	14	12,520	3.87	485	8-72	23	694	.02	28	52
33-21-0717	7025473	1431720	7-67	2	305	24,560	3.14	772	18	17,135	3.78	648	7-72	40	982	-.15	12	50
33-21-0717	7297006	1387164	1-69	2	305	26,625	3.34	889	16	16,695	3.83	640	10-72	40	1,149	-.09	27	69
33-21-0717	7568596	1411686	1-70	1	305	23,060	3.82	881	19	16,330	3.82	624	7-72	26	770	.02	31	57
33-21-0719	7292117	1[illegible]221	5-67	3	293	16,457	3.59	591	15	12,320	3.88	478	4-72	41	1,033	-.02	34	70
33-24-0213	6880494	1[illegible]3	4-67	4	304	17,653	3.95	697	20	15,260	3.68	562	11-72	44	855	.02	34	63
33-24-0213	7608015	1[illegible]01	1-70	2	305	21,700	3.50	759	14	17,735	3.52	624	3-73	40	1,042	-.03	33	70
33-24-0440	7652317	1427381	4-70	1	305	16,750	3.78	633	8	13,630	3.75	511	11-72	36	928	.05	41	72
33-24-0512	7533832	1392858	11-69	1	305	23,490	3.60	845	9	16,420	3.53	579	4-72	36	736	.03	31	56
33-24-0611	[illegible]270855	1276654	12-64	5	305	22,338	3.84	858	26	17,722	3.62	641	2-72	44	789	.04	35	61
33-24-0611	6415690	1462841	5-65	6	303	22,242	3.38	751	33	17,038	3.64	620	2-73	36	858	-.06	22	53
33-24-0611	6851681	1450228	7-67	3	305	18,946	3.12	591	350	15,700	3.47	545	9-72	42	857	-.08	19	51
33-24-0611	7200927	1458744	4-68	3	305	21,226	3.94	837	43	16,703	3.59	600	11-72	42	954	.08	42	74
33-24-0611	7267540	1427381	8-68	2	305	21,525	3.83	825	31	17,838	3.66	653	11-71	40	1,107	.06	50	87
33-24-0611	7312993	1427381	10-68	2	305	20,460	3.37	689	20	17,585	3.49	614	5-72	40	1,019	.02	39	74
33-24-0611	7333110	1427381	10-68	2	305	20,740	3.68	763	27	16,290	3.55	650	2-72	40	990	.05	44	77
33-24-0611	7522626	1427381	8-69	2	305	21,890	3.03	663	27	16,735	3.60	603	2-73	40	1,233	-.04	38	82
33-24-0611	7583261	1427381	10-69	1	305	23,710	3.42	810	27	18,350	3.60	660	1-72	36	1,165	.02	45	85
33-24-0615	7027765	1383311	12-67	2	305	23,110	2.96	685	40	15,145	3.59	543	10-72	40	899	-.10	17	51
33-24-0615	7655342	1427381	5-70	1	305	20,130	3.66	736	41	15,490	3.45	535	9-72	36	1,069	.05	47	83
33-24-0711	7798894	1458744	10-70	1	305	22,890	3.15	720	15	14,500	3.72	614	2-73	36	929	-.07	23	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	ODL-LARS
33-24-0711	7924424	1458744	10-70	1	305	21,670	3.36	729	20	16,150	3.72	600	1-73	36	859	-.04	25	$ 56
33-24-0711	7973962	1458744	10-70	1	305	21,510	3.53	759	20	16,150	3.72	600	1-73	36	847	-.02	27	57
33-24-0714	7203894	1308101	10-68	2	305	17,760	3.68	654	26	15,065	3.71	559	4-72	40	859	-.02	28	58
33-24-0714	7288322	1315578	7-67	1	305	23,140	3.04	703	14	14,540	3.44	500	3-73	36	801	.03	34	61
33-24-0717	6456612	1417208	10-65	4	305	22,448	3.38	759	19	16,035	3.56	599	3-72	44	1,060	-.03	33	71
33-24-0717	7007868	1496256	12-67	3	305	22,486	3.61	811	16	16,870	3.55	599	3-73	32	953	.00	35	68
33-24-0717	7030520	1496256	12-67	3	305	21,440	3.38	725	19	16,513	3.51	579	6-72	32	851	-.03	26	56
33-24-0717	7250630	1427381	12-68	2	305	21,370	3.68	787	19	17,655	3.56	628	1-72	40	1,106	.05	48	85
33-24-0717	7324792	1496256	12-68	2	305	22,155	3.57	791	21	16,835	3.57	601	5-72	29	828	-.01	29	58
33-24-0718	7071568	1459275	8-66	4	298	20,840	3.30	687	15	14,230	3.51	499	1-72	34	817	-.03	24	53
33-24-0841	5753472	1189870	10-62	7	305	20,707	3.99	827	32	17,073	3.69	630	4-72	44	687	.07	36	58
33-24-0841	5892963	1374967	4-63	6	288	20,352	3.98	809	22	15,950	3.70	590	4-72	35	703	.07	36	59
33-24-0841	6136505	1352991	6-64	7	305	20,210	3.27	660	28	15,433	3.58	553	8-72	40	1,186	-.09	28	72
33-24-0841	7078852	1453120	1-68	3	305	20,420	3.69	754	32	16,400	3.55	582	9-72	33	725	.03	30	55
33-24-0841	7462957	1427381	6-69	2	305	25,095	3.29	825	40	17,660	3.54	626	10-72	40	1,484	-.01	52	104
33-24-0841	7521326	1352979	8-69	2	305	24,545	3.03	743	34	18,375	3.64	669	1-73	40	987	-.15	12	50
33-24-0841	7561773	1308101	1-70	1	305	23,220	3.23	750	31	17,380	3.50	608	8-72	36	1,089	-.05	31	70
33-24-0841	7656983	1427381	7-70	1	305	21,860	3.34	731	37	18,180	3.56	647	10-72	36	1,037	.02	40	76
33-24-0844	6655459	1460119	8-66	5	305	19,534	3.47	678	26	14,634	3.68	538	1-73	35	793	-.04	22	51
33-24-0844	7317989	1488428	9-68	3	305	18,213	3.96	721	20	14,043	3.68	517	10-72	33	661	.05	31	53
33-25-0240	7189531	1308101	5-68	3	305	18,710	3.50	654	30	14,473	3.71	537	8-72	42	1,041	-.04	31	68
33-25-0240	7285342	1315578	1-69	2	305	21,215	4.17	885	29	15,385	3.76	578	3-72	40	759	.15	50	73
33-25-0240	7365098	1308101	7-69	2	305	20,250	4.01	812	34	15,750	3.73	587	9-72	40	1,056	.02	41	77
33-25-0240	7436908	1315578	9-69	2	301	21,085	3.72	785	33	15,190	3.72	565	9-72 H	40	762	.09	41	65
33-25-0240	7617102	1450692	8-70	1	305	22,440	3.95	886	19	17,390	3.81	663	3-73	35	794	.04	34	61
33-25-0471	6416912	1457366	10-65	4	305	18,473	3.80	702	359	14,333	3.50	501	3-73	35	763	.06	36	61
33-25-0471	6498149	1459917	2-66	5	300	17,952	3.46	621	319	13,712	3.48	477	12-72	36	743	.00	27	53
33-25-0471	6503814	1330987	6-66	4	305	18,362	3.58	658	389	14,265	3.48	496	12-72	44	742	.05	34	59
33-25-0471	6845916	1377954	6-67	3	305	17,737	3.42	607	264	14,423	3.52	508	7-72	42	709	.00	25	50
33-25-0471	7302338	1427381	4-69	1	182	18,410	3.10	571	377	13,130	3.44	452	9-71 B	36	1,081	.01	40	77
33-25-0471	7756007	1427381	8-70	1	305	16,960	3.56	603	154	13,410	3.54	475	2-73	36	957	.04	41	73
33-25-0471	7756008	1427381	8-70	1	305	16,350	4.20	686	186	13,320	3.54	472	1-73	36	917	.09	47	77
33-25-0471	7756009	1427381	8-70	1	305	16,540	3.79	627	86	13,380	3.60	482	4-73	36	927	.06	42	73
33-25-0471	7823673	1427381	10-70	1	305	17,990	3.59	645	123	13,280	3.54	470	3-73	36	1,041	.04	44	79
33-25-0471	7823674	1427381	11-70	1	305	15,680	3.93	616	86	13,380	3.60	482	4-73	36	863	.06	41	69
33-25-0471	7851222	1427381	12-70	1	305	16,260	3.36	546	86	13,380	3.60	482	4-73	36	906	.02	36	67
33-25-0471	7889627	1392858	12-70	1	305	21,160	3.75	794	131	13,400	3.55	476	3-73	36	743	.05	34	59
33-25-0471	7919489	1427381	11-70	1	305	16,650	3.86	643	86	13,380	3.60	482	4-73	36	935	.06	43	74
33-25-0713	6508899	1308101	10-65	2	305	20,470	4.31	882	12	16,485	3.99	657	12-72	40	1,019	.04	43	77
33-31-0470	7556261	1427381	8-69	1	305	16,200	3.69	597	13	12,900	3.74	483	10-71	36	930	.04	40	71
33-32-0210	7411277	1427381	8-69	2	305	17,000	3.61	614	27	13,660	3.64	497	2-73	40	987	.04	41	75
33-36-0941	7807952	1427381	9-70	1	305	16,380	3.60	590	20	14,250	3.74	533	11-72	36	863	.03	36	65
33-37-0213	7141679	1308101	8-68	3	299	16,063	3.43	551	29	13,837	3.62	501	12-72	42	795	-.04	21	51
33-37-0213	7575716	1308101	11-69	2	305	17,280	3.65	631	28	14,910	3.64	542	3-73	40	823	-.02	27	56
33-37-0612	7601892	1308101	8-69	2	287	19,870	3.28	651	7	16,365	3.64	595	1-73	40	967	-.07	24	59
33-37-0710	8004072	1427381	6-70	1	305	17,870	3.59	641	22	15,400	3.46	533	9-72	36	906	.05	40	70
33-38-0152	7071979	1417208	4-68	3	305	19,103	3.36	641	17	14,490	3.79	549	10-72	42	847	-.04	24	58
33-38-0152	7071980	1392858	4-68	3	305	17,370	4.57	794	13	14,873	3.71	552	7-72	42	459	.14	38	51
33-38-0410	6754955	1308101	1-67	5	301	17,276	3.39	585	28	14,878	3.84	572	10-72	44	852	-.08	19	51
33-38-0410	7260190	1308101	4-67	4	298	16,988	3.68	626	21	14,690	3.89	571	8-72	44	829	-.04	24	54
33-38-0410	7260194	1308101	3-68	3	300	17,347	3.63	629	23	14,650	3.84	562	8-72	42	868	-.04	25	56
33-38-0410	7260195	1308101	8-68	2	305	24,230	3.30	799	24	15,355	3.75	576	3-72	40	1,492	-.08	41	95
33-38-0410	7763165	1450692	11-70	1	305	21,140	3.54	748	32	15,660	3.94	617	12-72	35	801	-.02	26	54
33-38-0410	7763166	1392858	4-69	2	274	21,805	4.21	917	29	15,505	3.75	582	10-72 B	40	829	.10	45	71
33-38-0410	7827338	1450692	2-71	1	305	19,600	4.38	858	10	16,040	3.80	609	4-73	35	661	.07	35	56
33-38-0611	6496610	1424227	12-64	5	305	19,890	4.61	917	25	16,258	3.87	629	10-71	43	582	.18	49	65
33-38-0611	7136067	1308101	8-68	2	305	18,725	3.63	680	28	16,025	3.94	631	3-72	40	879	-.05	24	56
33-38-0611	7460988	1308101	9-68	3	305	20,033	3.51	703	26	16,830	3.96	666	11-72	42	976	-.07	24	60
33-38-0611	7559644	1427381	11-69	1	305	27,330	3.06	835	27	15,640	3.93	615	3-72	36	1,596	-.05	50	107
33-38-0611	7559645	1427381	11-69	2	305	18,305	4.37	800	33	16,670	3.89	649	1-73	40	875	.11	48	76
33-38-0611	7994020	1458744	10-70	1	305	20,150	3.72	750	19	15,990	4.00	640	3-73	36	756	-.02	24	51
33-38-0613	7582700	1497039	7-69	2	305	22,850	3.51	803	6	16,950	3.74	634	2-73	38	990	-.07	25	61
33-40-0213	6723984	1308101	10-66	4	305	16,920	3.42	579	12	12,838	3.65	468	1-73	44	1,004	-.05	29	65
33-40-0213	7130726	1485550	7-67	3	305	17,233	3.51	605	18	11,270	3.61	407	9-72	42	919	-.07	22	56
33-40-0712	7622325	1392858	1-70	1	305	20,650	3.99	824	37	13,820	3.84	530	6-72	36	680	.06	33	55
33-40-0712	7650408	1531866	8-70	1	305	20,980	3.55	745	43	15,170	3.83	581	12-72	34	852	-.06	22	53
33-41-0140	7443372	1308101	8-69	2	305	18,065	3.40	614	9	14,260	3.72	530	2-73	40	955	-.05	26	61
33-41-0170	6673177	1308101	3-66	4	305	16,938	4.05	686	9	13,880	3.75	520	2-72	44	903	.03	37	68
33-41-0170	6673178	1308101	7-66	5	304	18,026	3.16	570	9	14,130	3.75	530	1-73	44	1,026	-.10	22	60
33-41-0170	7569195	1308101	6-69	2	305	15,095	4.55	687	15	13,160	3.90	513	12-72	40	743	.05	35	60
33-41-0217	7830788	1308101	10-69	1	305	16,930	3.79	642	6	13,680	3.41	466	5-72	36	841	.00	31	60
33-41-0441	7050913	1308101	6-67	4	304	18,700	3.29	615	21	15,925	3.79	603	8-72	44	919	-.08	20	54
33-41-0441	7482064	1308101	2-69	2	305	24,660	2.78	686	16	17,595	3.38	594	5-72	40	1,354	-.13	28	78
33-41-0441	7482065	1308101	4-69	2	305	23,070	3.79	874	21	18,330	3.37	618	2-72	40	1,133	.03	45	84
33-41-0441	7569196	1308101	11-69	1	305	24,100	3.48	838	18	18,900	3.34	632	2-72	36	1,064	-.01	34	73
33-41-0510	6681548	1471618	8-66	4	300	22,545	3.36	757	19	15,672	3.69	579	1-73	36	1,177	-.07	32	75
33-41-0510	6738640	1308101	11-66	3	263	20,793	3.31	688	14	15,677	3.64	571	1-72	42	1,169	-.07	31	74
33-41-0510	7043398	1308101	12-67	3	305	19,550	3.82	746	18	16,250	3.62	588	11-72	42	974	.01	37	71
33-41-0510	7143514	1308101	6-68	3	305	19,307	3.33	642	18	16,870	3.58	604	1-73	42	889	-.06	23	55
33-41-0510	7309028	1308101	12-68	2	305	18,110	3.62	655	9	14,905	3.88	578	5-72	40	907	-.04	26	59
33-41-0510	7309029	1308101	12-68	2	305	19,535	3.81	745	10	14,760	3.77	556	6-72	40	1,064	-.01	37	74
33-41-0510	7309030	1308101	1-69	2	304	19,275	3.65	704	20	16,025	3.60	577	9-72	40	935	-.02	31	64
33-41-0510	7309032	1308101	2-69	2	305	17,550	3.52	618	8	14,935	3.83	572	5-72	40	848	-.05	23	54
33-41-0510	7309033	1308101	2-69	2	305	20,470	3.88	795	9	14,875	3.81	566	5-72	40	1,149	.00	41	81
33-41-0510	7466751	1308101	6-69	1	305	22,700	3.15	716	20	17,070	3.46	591	11-72	36	1,069	-.06	29	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
33-41-0510	7466752	1308101	7-69	2	298	21,920	3.39	744	11	16,995	3.58	608	3-73		40	1,124	-.05	33	$ 73
33-41-0522	6738638	1308101	11-66	3	265	18,293	3.63	664	8	15,933	3.53	563	8-72		42	858	-.01	29	59
33-41-0540	6110271	1282185	1-64	5	305	21,432	3.68	788	19	16,818	3.53	594	2-72		44	683	.02	27	50
33-41-0540	6762768	1330987	6-66	4	305	23,662	3.28	777	15	16,600	3.58	595	1-72		44	1,166	-.02	39	80
33-41-0540	6763745	1417208	12-65	5	305	19,622	3.22	631	14	15,960	3.65	583	9-72		44	815	-.06	20	50
33-41-0540	6916950	1308101	11-67	3	305	20,637	3.48	719	21	16,980	3.70	628	6-72		42	1,032	-.05	30	67
33-41-0540	7620298	1427381	6-69	2	305	19,850	4.06	805	26	17,040	3.70	630	2-73		40	1,002	.09	50	83
33-41-0540	7620299	1427381	3-70	1	305	20,110	3.75	755	22	16,880	3.74	632	12-72		36	985	.05	43	76
33-41-0540	7620300	1330987	9-69	2	305	20,020	3.70	741	19	16,610	3.71	617	3-73		40	646	.04	30	51
33-41-0540	7720676	1427381	3-70	1	305	18,370	3.89	714	19	15,200	3.80	577	6-72		36	955	.06	43	75
33-41-0718	6807259	1308101	1-67	4	305	18,310	3.48	638	6	15,220	3.74	569	1-73		44	940	-.05	26	60
33-41-0721	6718079	1333969	8-66	4	291	19,103	3.76	718	19	13,058	3.49	456	5-72		42	616	.09	36	55
33-41-0849	6885598	1499356	6-67	3	305	19,963	3.48	694	14	13,797	3.80	524	4-72		29	855	-.04	25	56
33-41-0849	7221411	1432858	9-68	2	305	20,650	3.46	715	17	13,460	3.80	512	7-72		40	878	.00	31	62
33-41-0849	7478616	1392858	9-69	2	304	19,175	3.46	664	20	13,955	3.61	504	1-73		40	688	.01	26	50
33-43-0161	6340351	1315578	4-65	6	305	18,695	4.07	761	18	16,018	3.70	592	3-73		44	523	.14	40	55
33-43-0223	6996846	1308101	7-67	3	305	16,507	3.65	603	13	14,793	3.72	550	7-72		42	758	-.02	24	51
33-43-0223	6996847	1182696	10-67	3	305	22,113	3.88	857	11	15,593	3.69	576	1-73		42	1,018	.05	45	79
33-43-0223	7257468	1427381	11-68	2	305	16,855	3.63	611	16	14,800	3.72	550	3-72		40	879	.03	37	67
33-43-0245	7656254	1308101	10-69	2	305	22,460	3.55	797	12	17,845	3.74	668	2-73		40	1,110	-.04	33	73
33-43-0352	6653944	1261857	7-66	4	305	19,148	3.73	715	13	15,903	3.62	575	8-72		44	731	.07	37	61
33-43-0352	6805711	1308101	3-67	3	302	16,807	3.75	630	11	15,020	3.76	565	3-72		42	771	-.02	25	52
33-43-0352	7256011	1308101	1-69	2	304	16,695	3.58	597	15	14,855	3.57	530	9-72		40	768	-.02	24	51
33-43-0352	7381480	1308101	6-69	1	305	16,220	3.68	597	11	14,640	3.63	532	3-72		36	731	-.01	24	50
33-43-0352	7573958	1427381	12-69	1	305	18,790	3.90	733	11	15,250	3.65	557	2-73		36	983	.06	45	78
33-43-0352	7578959	1427381	3-70	1	305	17,420	3.61	629	9	14,980	3.62	543	3-73		36	897	.04	39	69
33-43-0356	6759824	1458744	1-67	5	245	18,648	3.71	692	18	15,928	3.69	587	9-72		44	757	.00	27	53
33-43-0356	6912701	1469162	5-67	3	305	20,573	3.88	798	23	16,836	3.88	654	1-72		35	677	.02	28	51
33-43-0356	7057276	1352979	3-68	2	305	23,640	3.63	858	25	17,515	3.89	681	3-72		40	965	-.08	23	58
33-43-0360	7618012	1427381	3-70	1	305	17,160	3.89	668	16	14,690	3.67	539	5-72		36	895	.06	42	72
33-43-0511	7073455	1308101	3-68	3	305	19,263	3.50	674	20	15,107	3.69	558	5-72		42	1,046	-.04	31	69
33-43-0511	7317689	1308101	3-69	2	268	17,805	3.84	683	14	15,265	3.72	568	9-72	B	40	847	.00	30	60
33-43-0511	7334301	1308101	3-69	2	305	17,265	3.94	681	16	15,050	3.71	558	8-72		40	810	.01	31	59
33-43-0511	7334303	1308101	4-69	2	305	20,400	3.54	722	20	16,445	3.73	613	11-72		40	1,015	-.04	30	66
33-43-0515	6788612	1469162	11-66	4	304	22,847	3.68	840	10	18,192	3.73	679	4-72		37	878	.01	33	63
33-43-0515	6912202	1469162	8-67	2	305	23,085	3.52	813	10	17,725	3.67	651	6-72		32	827	-.01	28	57
33-43-0515	7235751	1469162	1-69	2	305	22,880	3.62	829	9	17,575	3.62	636	7-72		32	817	.02	32	60
33-43-0519	6695710	1418579	12-66	4	295	19,795	3.22	638	143	14,627	3.58	523	2-73		35	937	-.10	18	53
33-43-0519	6734818	1446561	2-67	4	305	19,678	3.74	736	23	14,965	3.78	565	2-73		30	727	.01	28	53
33-43-0519	7078767	1427381	4-68	3	305	20,100	3.93	789	19	15,243	3.71	566	10-72		42	1,218	.07	55	96
33-43-0519	7078768	1427381	4-68	2	305	20,195	4.39	886	26	14,890	3.73	555	3-72		40	1,211	.13	64	103
33-43-0519	7447687	1427381	4-69	2	305	23,640	3.90	921	29	15,320	3.71	568	2-73		40	1,526	.08	67	118
33-43-0519	7557616	1427381	11-69	1	305	17,070	4.22	721	23	13,880	3.65	506	5-72		36	937	.09	48	78
33-43-0676	7293505	1392858	2-69	2	305	21,885	3.49	763	15	15,565	3.87	602	8-72		40	832	-.01	28	57
33-43-0683	6799452	1308101	3-68	3	299	18,753	3.60	675	14	14,200	3.92	556	6-72		42	1,071	-.05	31	70
33-43-0683	7165089	1427381	4-68	2	302	16,850	3.58	604	20	14,780	3.88	574	5-72	B	40	881	.01	34	64
33-43-0685	6715395	1199324	9-65	3	259	18,600	3.76	699	8	16,030	3.62	580	4-72		42	766	.01	29	55
33-43-0724	6672567	1222994	9-66	4	305	21,270	3.78	803	18	17,895	3.78	676	11-72		44	747	.01	29	55
33-43-0724	6883625	1261857	7-67	4	295	20,208	4.35	879	17	17,335	3.78	656	3-73		44	720	.15	49	70
33-43-0725	5992860	1424644	9-63	5	305	20,132	3.94	793	23	14,976	3.81	570	6-72		36	818	.06	39	66
33-43-0725	7158639	1315578	5-68	2	305	22,335	3.64	814	55	17,765	3.79	673	1-72		40	679	.07	35	57
33-43-0725	7222414	1427381	11-68	3	283	19,916	3.62	721	45	17,190	3.82	656	1-73	B	42	1,017	.02	39	74
33-43-0725	7384353	1427381	5-69	1	305	21,770	3.91	851	39	17,820	3.84	685	2-72		36	1,052	.06	47	82
33-43-0842	7411504	1427381	6-69	1	305	16,910	3.70	626	15	11,990	3.84	461	1-72		36	1,038	.04	43	78
33-44-0147	6288911	1417874	8-64	6	305	20,742	3.68	763	16	15,413	3.80	586	3-73		32	870	-.01	30	61
33-44-0147	7264984	1427855	4-67	3	305	24,177	3.58	866	18	16,633	3.80	632	3-72		29	1,133	-.02	37	77
33-44-0147	7690341	1427381	4-70	1	305	18,860	3.88	731	14	16,210	3.76	610	2-73		36	931	.05	42	73
33-44-0570	6341201	1242221	6-65	5	304	15,982	3.49	558	21	13,508	3.65	493	8-72		43	875	-.02	29	60
33-44-0711	7416148	1392858	3-68	3	305	21,226	3.89	825	8	15,883	3.51	558	12-72		42	810	.08	41	67
33-44-0724	7123566	1383311	8-68	3	305	19,783	3.79	750	7	13,530	3.89	526	11-72		42	771	.00	28	55
33-46-0673	7410046	1308101	10-69	1	305	18,090	3.30	597	11	14,460	3.91	566	8-72		36	881	-.06	22	54
33-48-0146	7086138	1330987	2-68	2	305	17,835	3.68	656	21	13,305	3.89	517	12-71		40	692	.03	29	52
33-48-0273	6911147	1308101	9-67	3	284	16,770	3.48	584	10	14,010	3.67	514	4-72		42	860	-.04	25	56
33-48-0342	7229878	1485550	11-68	3	305	21,683	3.69	801	10	16,310	3.82	623	2-73		42	968	-.06	25	60
33-48-0[illegible]2	8011612	1450692	8-70	1	305	19,630	3.47	681	12	14,130	3.68	520	8-72		35	779	-.01	27	54
33-48-0672	6623533	1308101	5-66	4	302	17,558	3.65	640	11	14,015	3.87	543	3-72		44	966	-.04	29	64
33-48-0741	6702747	1308101	8-66	5	304	18,252	3.53	645	17	13,752	3.70	509	12-72		44	1,094	-.03	34	73
33-48-0812	6794514	1308101	11-66	4	305	21,538	3.35	722	12	17,803	3.80	677	5-72		44	1,084	-.08	26	66
33-48-0812	6794516	1308101	2-67	4	305	19,798	3.89	770	10	17,553	3.77	662	6-72		44	894	.01	33	64
33-48-0812	8024469	1308101	9-67	3	305	22,110	4.22	933	11	17,560	3.83	672	6-72		42	1,148	.06	50	89
33-50-0148	6824635	1308101	5-67	4	305	19,618	3.80	746	27	15,838	3.73	590	1-73		44	1,041	.00	37	73
33-50-0448	7157765	1392858	9-68	2	305	21,075	3.39	715	23	15,700	3.80	596	3-72		40	739	-.02	24	50
33-50-0448	7165752	1315578	3-67	4	301	18,473	4.12	762	22	15,678	3.71	581	8-72		44	515	.15	41	55
33-50-0448	7416474	1392858	10-69	2	305	21,025	3.47	730	18	15,375	3.69	567	1-73		40	761	.00	28	54
33-50-0448	7458713	1308101	11-69	1	305	20,280	3.51	711	25	14,980	3.63	544	11-72		36	1,013	-.03	32	68
33-50-0612	6122575	1315578	9-66	4	296	19,768	3.63	717	15	14,800	3.71	549	5-72		44	761	.07	38	63
33-50-0852	6942454	1315578	7-67	4	304	18,010	3.78	681	9	13,785	3.82	527	7-72		44	644	.08	36	56
33-50-9341	7248810	1458744	1-69	2	270	22,410	3.65	819	13	15,815	3.62	573	4-72		40	1,093	.00	39	77
33-51-0148	7841092	1458744	2-71	1	305	20,460	3.07	629	6	15,500	3.34	517	3-73		36	808	-.05	22	51
33-51-0150	6645745	1315578	9-66	5	305	20,354	4.21	856	16	16,448	3.64	598	12-72		44	692	.18	52	72
33-51-0150	7316682	1458744	1-69	2	305	20,435	3.38	691	21	15,260	3.68	561	9-72		40	938	-.04	27	61
33-51-0522	7281658	1399283	11-68	3	265	24,363	3.15	768	6	19,136	3.65	698	2-73	B	42	934	-.11	16	51
33-51-0613	6236085	1383926	9-64	2	288	20,410	4.54	927	14	14,555	3.72	541	12-72	B	40	774	.14	50	73
33-51-0613	7008927	1450228	12-67	3	255	17,633	3.88	684	7	12,740	3.70	472	8-72		42	978	.01	36	70
33-51-0940	7342820	1427381	11-68	1	305	21,380	3.76	803	12	16,940	3.62	613	2-72		36	1,076	.05	47	83

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
33-51-0940	7342821	1330987	1-69	2	305	20,285	3.56	722	9	16,250	3.55	577	4-72		40	702	.04	31	$ 55
33-51-0940	7583355	1427381	6-69	1	305	17,570	3.46	608	14	16,020	3.54	567	1-72		36	847	.03	35	64
33-51-0940	7583356	1427381	2-70	1	305	20,040	3.15	632	9	16,870	3.70	624	6-72		36	980	-.01	34	68
33-51-0940	7651007	1427381	7-69	2	294	18,940	3.82	724	11	16,445	3.53	580	3-73		40	958	.07	46	78
33-52-0713	6751625	1308101	4-66	5	305	17,520	3.48	610	11	13,820	3.65	504	11-72		44	993	-.04	30	66
33-52-0713	7617978	1392858	12-69	2	305	19,885	3.68	731	10	14,975	3.49	523	3-73		40	677	.04	31	54
33-54-0111	7278439	1360676	3-68	2	305	18,950	3.23	613	12	14,990	3.59	538	8-72		39	755	-.03	23	50
33-54-0111	7328583	1360676	1-69	2	305	20,380	3.60	734	14	16,755	3.69	618	5-72		39	757	.01	29	55
33-54-0210	7245654	1392858	10-68	3	305	18,666	3.75	700	9	14,073	3.76	529	4-73		42	682	.04	30	53
33-54-0343	6637039	1276344	7-65	1	305	19,280	3.84	741	40	12,600	3.68	464	10-72		35	657	.05	31	53
33-54-0471	6719699	1282185	1-67	4	305	21,653	3.91	846	12	14,815	3.63	538	7-72		44	881	.04	38	68
33-54-0471	7567461	1451650	1-70	2	190	24,880	3.72	926	8	17,220	3.80	654	1-73		40	788	.04	34	61
33-54-0711	6978263	1491281	6-67	4	305	20,488	3.76	771	28	15,953	3.96	632	11-72		30	730	-.01	25	51
33-54-0711	7419657	1493686	7-69	2	305	22,205	3.51	780	27	16,295	4.04	658	2-73		40	1,009	-.03	32	68
33-54-0740	6391398	1308101	10-65	5	305	17,688	3.79	671	20	15,584	3.81	593	2-73		44	833	-.01	28	57
33-54-0740	7151608	1308101	9-68	2	300	18,400	3.60	662	30	16,055	3.78	607	4-72		40	843	-.03	25	55
33-54-0740	7174646	1308101	3-68	3	234	21,317	3.64	776	16	16,623	3.93	654	3-73		42	1,143	-.05	34	75
33-54-0740	7195103	1308101	10-68	2	305	17,980	3.79	681	31	16,400	3.85	632	1-72		40	773	-.02	24	52
33-54-0740	7241211	1427381	1-69	2	305	19,855	4.17	828	25	16,205	3.83	620	11-72		40	1,070	.09	53	88
33-54-0740	7250164	1427381	2-69	2	305	19,560	3.92	767	22	15,270	3.82	583	11-72		40	1,116	.06	50	87
33-54-0740	7415525	1308101	3-69	2	228	22,215	3.57	793	12	16,595	4.00	663	2-73		40	1,187	-.06	33	76
33-54-0740	7441239	1308101	7-69	2	305	20,380	3.66	746	24	16,305	3.95	644	3-73		40	1,024	-.04	30	67
33-54-0740	7468240	1427381	10-69	2	305	18,480	4.12	762	28	16,540	3.89	643	2-73		40	903	.07	44	74
33-54-0740	7684748	1427381	9-70	1	305	17,860	3.81	681	26	15,070	3.84	578	10-72		36	925	.04	40	71
33-55-0145	6169047	1199324	11-64	7	296	18,099	3.20	579	35	14,950	3.51	525	12-72		44	836	-.06	21	52
33-55-0145	7183693	1458744	10-68	3	305	20,276	3.38	685	22	16,043	3.63	583	3-73		42	906	-.04	26	59
33-55-0145	7482410	1427381	8-69	2	305	22,590	2.81	635	27	15,610	3.58	559	8-72		40	1,396	-.08	38	89
33-55-0145	7522356	1464901	3-70	1	305	22,740	3.65	831	17	16,100	3.68	593	3-72		34	1,084	-.03	35	73
33-55-0145	7711539	1427381	11-70	1	294	18,800	3.89	732	45	16,120	3.67	591	11-72		36	932	.06	43	74
33-55-0147	4448454	1270204	7-57	11	305	23,461	3.51	823	17	14,207	3.64	517	9-72		32	1,454	-.02	49	100
33-55-0147	7486889	1308101	7-69	2	305	18,425	3.66	674	24	14,680	3.66	538	9-72		40	958	-.02	31	65
33-55-0147	7684751	1447414	10-70	1	305	20,530	3.40	697	33	15,580	3.70	577	10-72		36	990	-.06	27	63
33-55-0147	7880067	1308101	2-71	1	305	21,410	3.71	795	40	16,700	3.76	628	2-73		36	995	-.02	33	68
33-55-0212	7470680	1308101	11-69	2	291	19,080	3.47	662	18	15,725	3.82	600	1-73		40	939	-.06	25	59
33-55-0270	6105221	1417431	1-64	7	304	17,693	3.62	641	11	13,099	3.66	480	3-73		36	731	.00	26	52
33-55-0271	5319002	1328911	8-60	6	305	20,835	3.89	810	23	13,567	3.60	489	5-72		36	1,049	.07	49	84
33-55-0271	7378635	1427381	1-69	1	305	15,100	4.03	608	46	13,400	3.69	494	9-71		36	819	.07	40	67
33-55-0271	7421779	1427381	12-68	2	305	15,745	3.95	622	47	13,555	3.73	505	9-72		40	868	.06	41	70
33-55-0271	7564368	1427381	1-70	1	305	18,490	3.93	727	48	13,710	3.77	517	9-72		36	1,053	.06	47	82
33-55-0343	7010019	1308101	1-68	3	301	22,080	3.62	799	13	16,817	3.65	613	3-72		42	1,212	-.02	40	83
33-55-0343	7326005	1308101	11-68	3	305	19,457	3.34	649	16	16,623	3.66	608	1-73		42	929	-.06	24	58
33-55-0343	7457137	1308101	9-69	2	305	19,080	3.35	640	12	16,040	3.60	578	12-72		40	914	-.05	25	58
33-55-0442	7149484	1308101	8-68	3	302	18,077	3.62	655	12	14,373	3.62	520	11-72		42	977	-.02	32	67
33-55-0472	7050569	1308101	3-68	3	305	21,087	3.74	788	13	16,163	3.90	631	3-73		42	1,159	-.03	37	78
33-55-0472	7241781	1308101	12-68	2	305	18,155	3.86	700	20	14,725	3.85	567	9-72		40	927	-.01	32	65
33-55-0472	7531759	1392858	12-69	2	305	20,470	4.22	864	14	16,430	3.85	633	1-73		40	619	.09	36	55
33-55-0510	6166806	1329588	8-64	5	305	18,846	3.74	705	12	15,278	3.48	532	1-72		44	662	.02	27	50
33-55-0510	7904498	1450228	11-70	1	305	19,940	3.27	652	24	15,790	3.57	564	11-72		36	831	-.05	22	52
33-55-0610	7251133	1308101	2-69	2	293	16,175	3.57	578	21	14,550	3.54	515	3-73		40	740	-.02	24	50
33-55-0718	6687893	1315578	12-66	4	305	18,985	3.85	730	10	16,303	3.39	553	3-72		44	516	.14	39	54
33-55-0718	6687894	1352979	12-66	4	305	23,168	2.86	663	9	16,440	3.53	580	7-72		44	1,145	-.18	13	57
33-55-0718	7627767	1536047	6-70	1	305	20,740	3.32	689	7	15,720	3.47	545	6-72		30	779	-.04	22	50
33-55-0718	7732076	1447141	11-70	1	305	22,190	3.40	755	13	16,120	3.42	552	11-72		36	634	.04	29	50
33-55-0720	6511869	1386406	12-65	5	305	17,652	3.61	638	31	13,096	3.73	488	3-73		44	735	.00	27	53
33-55-0720	7619507	1450692	7-70	1	305	18,590	3.96	737	35	14,740	3.83	564	12-72		35	664	.03	28	50
33-55-0720	7828703	1447414	11-70	1	305	17,980	3.50	630	77	14,170	3.81	540	10-72		36	884	-.05	24	56
33-55-0940	6892088	1315578	11-66	4	305	19,223	3.75	721	15	14,815	3.84	569	12-72		44	692	.08	37	59
33-55-0940	6906275	1308101	8-67	2	305	19,160	3.99	764	23	16,810	3.85	647	1-73		40	859	.01	32	62
33-55-0940	7149483	1315578	8-68	3	305	21,497	3.60	773	18	16,163	3.85	622	1-73		42	796	.05	37	63
33-55-0940	7325075	1392858	11-68	3	304	20,696	3.69	764	17	16,626	3.81	633	12-72		42	680	.02	27	50
33-61-0124	6717003	1412432	7-65	3	305	20,146	4.08	821	18	15,950	3.89	620	11-71		37	644	.06	32	53
33-61-0124	7545151	1502415	9-69	2	305	21,610	4.88	L055	5	16,185	3.89	630	4-73		30	733	.22	60	80
33-61-0125	6453050	1261857	1-66	5	305	17,744	3.87	686	23	13,908	3.71	516	1-73		44	771	.08	40	65
33-61-0127	7751348	1308101	1-69	1	305	17,400	3.64	633	11	14,650	3.85	564	11-72		36	818	-.03	25	54
33-61-0166	6652392	1308101	11-66	4	305	20,903	3.88	811	22	16,033	3.84	615	3-72		44	1,180	.00	43	84
33-61-0166	7632278	1450228	1-70	2	302	17,170	4.00	687	22	15,055	3.86	581	11-72		40	698	.01	26	50
33-61-0220	6720575	1308101	7-66	4	289	18,348	3.55	651	53	14,970	3.61	541	2-72		44	970	-.03	30	65
33-61-0220	6805651	1331709	10-66	5	302	20,998	3.75	787	30	15,512	3.75	581	11-72		44	939	-.02	31	64
33-61-0220	6820410	1308101	4-67	2	305	24,310	3.39	823	73	15,490	3.71	574	2-72		40	1,489	-.06	44	97
33-61-0220	6883583	1308101	9-67	4	297	17,043	3.73	635	63	14,630	3.79	555	10-72		44	842	-.02	27	57
33-61-0220	6929518	1308101	8-67	3	305	18,630	3.45	642	70	15,130	3.58	541	5-72		42	971	-.04	29	64
33-61-0220	6951656	1308101	1-67	3	305	20,120	3.31	665	61	14,587	3.68	537	10-72		42	1,192	-.07	32	75
33-61-0220	6999398	1308101	3-67	4	302	19,785	3.71	735	64	14,583	3.81	555	11-72		44	1,185	-.02	39	81
33-61-0220	6999399	1308101	7-67	3	305	18,263	3.60	657	72	15,277	3.58	547	4-72		42	915	-.02	30	62
33-61-0220	7001258	1308101	1-68	3	291	17,323	3.75	650	69	14,110	3.81	537	6-72		42	915	-.02	30	62
33-61-0220	7039665	1308101	7-67	3	305	18,847	3.58	675	63	15,807	3.69	584	1-72		42	934	-.03	29	62
33-61-0220	7039667	1308101	2-68	3	305	21,637	3.30	713	67	14,813	3.66	542	5-72		42	1,346	-.07	37	86
33-61-0220	7116406	1387978	8-68	2	305	18,640	3.66	682	78	15,160	3.74	567	3-73		40	758	-.01	26	53
33-61-0220	7137982	1308101	6-68	2	305	21,645	3.42	740	77	15,095	3.72	562	5-72		40	1,251	-.06	36	81
33-61-0220	7194158	1308101	3-67	3	305	18,527	3.34	618	71	15,513	3.67	569	2-72		42	924	-.06	24	58
33-61-0220	7194159	1308101	12-68	2	295	17,500	3.59	629	61	14,220	3.95	562	8-72		40	901	-.05	25	58
33-61-0220	7229766	1308101	11-68	2	290	17,450	3.63	633	62	14,640	3.82	559	12-72		40	862	-.03	26	57
33-61-0220	7251142	1308101,	1-69	2	305	19,350	3.53	683	54	15,000	3.81	571	2-73		40	1,025	-.04	30	67
33-61-0220	7403329	1308101	6-69	1	305	19,800	3.20	634	94	14,900	3.79	564	5-72		36	982	-.07	25	61
33-61-0220	7439122	1308101	6-69	1	305	20,500	3.37	690	94	14,900	3.79	564	5-72		36	1,034	-.05	29	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
33-61-0220	7446402	1308101	12-69	1	305	19,480	3.48	677	56	14,980	3.71	556	1-73		36	953	-.04	28	$ 62
33-61-0220	7466690	1308101	7-69	1	305	19,910	3.61	718	94	14,900	3.79	564	5-72		36	990	-.03	31	66
33-61-0220	7574991	1308101	11-69	1	305	15,350	3.86	593	60	12,900	4.02	518	8-72		36	770	-.02	24	51
33-61-0225	6304716	1315578	12-64	6	276	19,097	4.28	818	39	14,680	3.76	552	3-73		44	713	-.17	52	73
33-61-0225	6637067	1396617	3-66	4	305	17,982	3.84	690	22	14,427	3.85	556	9-71		37	793	-.02	26	54
33-61-0225	7381064	1541404	8-69	2	305	19,240	3.59	690	28	14,825	3.76	558	1-73		31	742	.00	26	52
33-61-0225	7553828	1308101	12-69	1	305	18,840	3.61	681	24	12,650	3.91	494	10-72		36	1,045	-.04	32	69
33-61-0244	5312517	1352966	2-61	6	305	18,495	4.42	817	61	15,996	3.87	619	1-73		35	480	.13	37	51
33-61-0244	6694531	1453995	12-66	3	305	21,407	4.00	856	73	16,227	3.90	633	5-72		29	784	.04	35	61
33-61-0244	7059343	1353260	4-68	3	305	21,150	3.36	710	66	15,823	3.84	608	12-72		32	927	-.09	19	54
33-61-0244	7308585	1498471	11-68	2	156	20,595	3.37	695	74	16,050	3.76	603	5-72	B	29	826	-.06	20	50
33-61-0244	7628811	010288790	8-70	1	305	19,950	4.72	941	59	16,480	3.73	615	10-72		34	606	.17	48	65
33-61-0244	7638431	1308101	4-70	1	305	19,580	3.73	730	72	16,740	3.86	647	6-72		36	856	-.02	27	57
33-61-0244	7641884	1330987	8-70	1	305	21,550	3.75	808	58	16,400	3.76	616	10-72		36	686	.04	31	54
33-61-0244	7845836	1556098	2-71	1	305	25,360	3.17	804	62	16,260	3.62	589	2-73		19	896	-.07	22	55
33-61-0279	6651612	1308101	7-66	4	298	18,948	3.57	677	8	12,868	3.83	493	1-72		44	1,251	-.04	38	83
33-61-0279	7078228	1308101	9-67	4	297	17,785	3.22	572	8	13,385	3.84	514	11-72		44	1,057	-.10	23	62
33-61-0280	6162193	1418579	8-64	6	305	20,408	3.47	708	13	15,463	3.85	595	4-72		36	956	-.09	20	56
33-61-0280	6858161	1480660	4-67	4	305	18,552	4.55	844	11	15,440	3.70	572	1-73		35	544	.17	45	60
33-61-0282	7129602	1427381	7-68	3	305	18,206	3.35	609	12	14,033	3.61	506	3-73		42	1,111	.00	40	79
33-61-0283	5744472	1182696	12-62	4	305	24,633	3.78	932	12	16,960	3.80	645	4-72		44	1,246	.03	50	93
33-61-0283	6988581	1352979	12-67	3	305	23,027	3.47	798	13	17,767	3.75	666	8-72		42	952	-.09	20	55
33-61-0283	7076026	1308101	7-67	3	305	22,757	3.37	766	12	17,997	3.78	681	3-73		42	1,182	-.08	30	73
33-61-0283	7076027	1308101	6-67	3	305	20,107	3.79	763	15	18,120	3.76	682	1-73		42	866	-.01	30	60
33-61-0283	7324134	1308101	2-69	2	301	20,965	3.72	779	11	18,470	3.83	708	5-72		40	908	-.03	28	60
33-61-0283	7523071	1450228	10-69	1	305	24,910	3.34	831	13	19,090	3.89	742	6-72		36	1,005	-.07	25	62
33-61-0283	7576811	1497039	8-68	2	305	23,710	3.59	851	14	18,945	3.69	700	2-73		38	913	-.05	25	58
33-61-0310	6994200	1308101	2-68	3	305	15,860	3.64	577	12	14,080	3.59	506	8-72		42	749	-.01	25	51
33-61-0313	7228640	1308101	11-68	2	290	17,305	3.23	559	22	12,735	3.85	490	6-72		40	1,002	-.08	24	61
33-61-0313	7554999	1392858	10-69	2	305	21,325	3.44	734	5	15,450	3.81	588	2-73		40	785	-.01	26	54
33-61-0326	6520039	1394883	2-66	4	305	22,245	2.88	640	36	14,398	3.39	488	10-72		33	1,373	-.15	25	77
33-61-0326	6857464	1458744	8-67	3	305	19,240	3.30	635	23	14,823	3.41	506	5-72		42	899	-.03	27	59
33-61-0326	7241349	1427381	2-69	1	305	22,310	3.45	769	27	13,430	3.50	470	1-72		36	1,354	.03	53	99
33-61-0326	7241350	1427381	2-69	2	305	17,090	4.12	704	41	13,635	3.52	480	2-73		40	998	.10	52	84
33-61-0326	7533305	1427381	1-70	1	305	17,360	4.08	709	35	14,080	3.52	496	12-72		36	947	.08	47	78
33-61-0327	6617064	1315578	10-66	4	305	21,075	4.00	843	20	16,945	3.77	638	1-73		44	711	.13	45	67
33-61-0327	6617066	1308101	10-66	4	305	22,688	3.53	800	19	16,405	3.82	626	11-72		44	1,364	-.06	40	89
33-61-0327	6973770	1242221	9-67	4	305	19,533	4.03	788	18	17,383	3.75	652	12-72		42	929	.05	41	72
33-61-0327	6973771	1242221	12-67	3	305	21,690	3.52	764	15	17,650	3.76	663	3-72		41	1,148	-.03	37	78
33-61-0327	7101294	1308101	7-68	2	305	22,445	3.37	756	16	17,405	3.86	672	7-72		40	1,144	-.08	29	71
33-61-0327	7199653	1308101	12-68	2	305	21,725	3.23	701	13	17,910	3.70	662	3-72		40	1,030	-.08	24	62
33-61-0327	7404999	1308101	9-69	2	305	22,670	3.18	722	20	17,620	3.83	675	12-72		40	1,150	-.10	25	68
33-61-0328	7511028	1417208	7-69	2	300	21,545	3.56	768	22	16,715	3.60	602	11-72		40	864	.00	31	61
33-61-0328	7511029	1330987	11-69	2	305	23,285	2.96	689	20	16,665	3.56	594	1-73		40	973	-.06	26	61
33-61-0328	7543201	1427381	2-70	1	305	16,310	4.08	665	18	14,650	3.92	575	6-72		36	834	.06	39	67
33-61-0347	7639480	1392858	5-70	1	305	21,370	3.43	733	12	13,910	3.93	546	1-73		36	728	-.01	25	51
33-61-0347	7639481	1458744	2-70	1	305	18,300	4.07	745	26	13,880	3.98	553	5-72		36	744	.01	29	55
33-61-0368	6229585	1282185	2-63	6	304	21,840	3.54	774	23	16,273	3.65	594	11-72		44	792	-.02	25	53
33-61-0368	6566741	1315578	1-66	5	305	20,192	3.45	696	24	15,636	3.77	590	1-73		44	755	.03	32	58
33-61-0368	6910335	1451650	10-67	3	305	24,323	3.12	759	30	16,090	3.79	610	4-72		42	949	-.07	23	58
33-61-0368	7635532	1392858	11-69	2	305	22,665	3.27	741	28	16,025	3.72	596	12-72		40	874	-.04	26	57
33-61-0368	7676868	1308101	6-70	1	305	18,510	3.44	636	37	15,550	3.69	574	10-72		36	847	-.04	24	55
33-61-0414	6780673	1308101	9-66	4	305	20,570	3.52	724	32	13,115	3.90	511	9-72		44	1,427	-.06	42	93
33-61-0414	6859288	1308101	7-67	4	305	16,350	3.72	609	31	14,088	3.86	544	3-73		44	810	-.03	25	54
33-61-0414	7621977	1308101	4-70	1	305	19,330	3.99	772	47	15,760	3.81	601	1-73		36	896	.01	33	64
33-61-0414	7965370	1399654	1-71	1	305	22,490	3.39	762	49	15,710	3.83	602	1-73		35	766	.02	31	57
33-61-0423	7639895	1458744	11-69	2	305	21,665	3.89	842	15	15,685	3.86	606	1-73		40	1,028	.01	39	74
33-61-0449	6753511	1308101	3-67	4	302	18,370	3.39	623	33	13,813	3.79	524	10-72		44	1,087	-.06	29	68
33-61-0525	7667882	1315578	11-68	2	305	18,645	4.22	786	9	15,270	3.79	578	2-73		40	508	.14	40	54
33-61-0541	7074292	1308101	5-68	2	305	16,175	3.99	646	42	13,620	3.68	501	5-72		40	815	.02	32	60
33-61-0541	7116298	1308101	7-68	2	305	15,940	3.34	533	41	13,500	3.64	491	6-72		40	801	-.05	21	50
33-61-0541	7116300	1308101	7-68	2	305	16,190	3.51	568	41	13,825	3.69	510	4-72		40	800	-.04	23	52
33-61-0541	7361049	1308101	4-69	2	305	15,420	3.49	538	49	13,000	3.60	468	1-73		40	789	-.03	23	51
33-61-0632	7203959	1497039	4-68	3	305	20,540	3.59	737	14	15,496	3.63	562	6-72		41	932	-.05	26	60
33-61-0680	7171412	1308101	11-67	3	305	18,843	3.56	670	12	14,393	3.68	530	1-73		42	1,063	-.03	33	71
33-61-0685	6138802	1205185	7-64	2	305	23,575	3.97	935	25	16,835	3.71	625	4-72		32	766	.07	39	64
33-61-0685	6823909	1464838	12-66	3	305	26,646	3.59	956	14	17,733	3.55	630	10-71		34	1,251	.03	50	93
33-61-0685	7151025	010275932	5-67	3	305	21,750	3.95	860	20	17,740	3.66	649	12-72		42	643	.07	34	55
33-61-0685	7278685	1502415	12-68	2	305	21,595	3.44	743	20	16,030	3.74	600	11-72		30	746	-.01	26	52
33-61-0685	7477264	1450228	7-69	1	305	26,860	3.45	927	19	17,020	3.80	647	6-72		36	1,274	-.06	37	83
33-61-0685	7770415	1427381	2-71	1	292	21,460	3.43	736	22	17,280	3.77	652	2-73	B	36	1,061	.01	40	77
33-61-0689	6739331	1308101	11-66	4	297	16,648	3.73	621	8	13,048	3.73	487	1-73		44	950	-.01	32	65
33-61-0689	7657182	1308101	7-70	1	305	18,780	3.88	729	10	15,160	3.83	580	11-72		36	890	-.01	31	62
33-61-0748	7400464	1308101	6-69	1	305	18,940	4.64	879	8	13,490	3.92	529	2-73		36	1,002	.06	45	78
33-61-0812	6886445	1308101	3-67	4	294	17,078	3.55	606	16	15,060	3.76	567	6-72	B	44	804	-.04	22	51
33-61-0812	6886446	1308101	5-67	4	259	17,085	3.86	659	18	14,850	3.85	571	10-72	B	44	825	-.01	28	57
33-61-0812	6886448	1308101	9-67	3	305	18,937	3.60	681	18	14,693	3.80	558	9-72		42	1,047	-.04	32	69
33-61-0819	5805406	1355392	9-62	7	305	19,634	3.99	783	14	16,494	3.66	604	12-72		34	579	.07	31	50
33-61-0819	5823038	1199324	3-63	7	305	18,530	3.66	679	14	15,714	3.68	578	10-72		44	813	-.01	28	57
33-61-0843	7151399	1308101	9-68	2	303	18,775	3.49	656	24	16,855	3.78	637	7-72		40	817	-.05	22	52
33-61-0843	7316663	1308101	3-69	2	305	19,425	3.64	707	23	17,365	3.71	644	8-72		40	841	-.03	26	56
33-61-0843	7498053	1535533	1-70	1	305	22,370	4.20	939	21	16,390	3.69	605	7-72		19	602	.08	34	53
33-61-0856	7265499	1417208	4-67	4	298	19,773	4.22	835	20	12,895	3.71	479	5-72		44	1,119	.09	55	92
33-61-0940	6604052	1315578	9-65	5	299	17,890	4.43	793	20	15,466	3.60	557	3-72		44	476	.20	48	60
33-61-0940	6604056	1315578	7-66	5	303	20,130	3.84	772	22	16,728	3.57	598	2-73		44	635	.12	41	60

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O D	PEPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
33-61-1145	7101296	1308101	7-68	3	305	19,973	3.74	746	9	15,897	3.65	581	11-72		42	1,055	-.01	37	$ 74
33-61-1147	7625820	1427381	12-69	1	305	21,460	3.80	815	19	14,210	3.79	539	1-73		36	1,244	.05	53	95
33-61-1147	7625821	1427381	3-70	2	305	20,860	3.61	754	14	14,465	3.89	562	4-73		40	1,313	.02	50	95
33-61-1148	7033986	1308101	3-68	2	305	15,595	3.57	556	6	13,705	3.61	495	4-72		40	750	-.03	23	50
33-61-1340	7001984	1308101	12-67	3	305	20,060	3.76	755	19	16,437	3.69	606	1-73		42	1,015	.00	36	71
33-61-1340	7564978	1427381	2-70	1	305	20,210	3.44	695	20	15,730	3.61	568	10-72		36	1,061	.02	42	78
33-61-1351	7058256	1308101	7-67	3	305	17,030	3.46	590	28	13,963	3.64	508	11-72		42	894	-.04	26	58
33-61-1354	6677726	1308101	11-66	3	213	16,300	3.57	582	46	13,600	3.73	507	9-72		42	844	-.03	25	55
33-61-1512	5296133	1189870	1-61	8	275	21,135	3.98	842	90	15,439	3.70	571	2-73	A	44	911	.07	43	73
33-61-1512	6475974	010262612	1-63	6	305	23,827	2.86	682	234	14,822	3.56	528	2-72		43	1,182	-.17	16	61
33-61-1512	7199688	1308101	1-69	3	305	18,967	3.29	624	19	15,997	3.81	609	3-73		42	930	-.08	21	55
33-61-1512	7452032	010288790	12-69	1	305	17,430	4.66	812	22	15,120	3.79	573	3-72		34	496	.15	41	55
33-61-1512	7755201	010288790	8-66	2	302	19,395	3.52	683	13	14,795	3.64	539	7-72		38	775	.05	35	61
33-61-1731	5314723	1315578	3-61	9	301	16,810	4.16	699	29	14,180	3.76	533	8-72		44	469	.15	39	52
33-61-1731	5650111	1386859	8-62	8	304	20,358	3.27	665	27	14,316	3.74	535	10-71		44	993	-.06	27	63
33-61-1731	6940680	1308101	11-67	3	305	17,580	3.22	566	28	15,127	3.64	550	3-72		42	850	-.07	19	50
33-61-1731	7195082	1392858	9-68	3	305	19,950	3.24	647	15	13,893	3.63	504	10-72		42	846	-.03	26	56
33-61-1731	7262492	1308101	1-69	2	305	17,755	3.68	654	22	15,495	3.68	570	4-72		40	823	-.02	27	56
33-61-1731	7414809	1308101	9-69	2	305	18,155	3.72	675	19	15,170	3.72	564	3-73		40	890	-.02	29	60
33-61-1731	7442127	1308101	10-69	2	305	19,140	3.42	654	19	15,170	3.72	564	3-73		40	990	-.06	27	63
33-62-0112	6906158	1315578	5-67	3	298	20,803	4.05	843	38	16,397	3.70	607	1-72	H	42	694	.14	46	67
33-62-0112	6906159	1315578	11-67	4	304	19,115	3.83	733	62	15,355	3.82	586	9-72		44	626	.09	37	56
33-62-0112	7033178	1308101	3-68	3	305	19,577	3.73	731	64	15,250	3.86	588	9-72		42	1,069	-.02	35	73
33-62-0112	7176126	1485550	8-68	2	303	23,885	3.34	798	47	17,135	3.71	636	1-72		40	1,053	-.11	21	60
33-62-0112	7496567	1447414	2-70	1	305	20,380	3.45	704	64	15,780	3.92	618	8-72		36	967	-.06	25	60
33-62-0150	7291281	1315578	1-69	3	304	24,893	3.00	748	25	17,323	3.65	633	2-73		42	1,080	-.04	33	72
33-62-0150	7291285	1516873	2-69	2	305	21,900	3.83	839	20	17,320	3.48	602	4-72		25	648	.06	32	53
33-62-0150	7549014	1477381	1-70	2	304	22,810	3.27	746	20	17,710	3.73	660	1-73		40	823	-.04	24	54
33-62-0150	7700766	1450228	11-70	1	305	21,180	3.59	760	17	16,650	3.78	630	3-73		36	872	-.03	26	57
33-62-0413	6779225	1330987	3-67	4	303	17,525	4.00	701	32	14,370	3.75	539	11-72		44	628	.08	35	55
33-62-0413	6830377	1330987	10-66	3	214	18,273	3.93	719	25	14,716	3.69	543	4-72		42	661	.08	36	57
33-62-0413	7275077	1427381	10-68	2	305	18,305	3.99	730	32	15,050	3.78	569	6-72		40	1,006	.07	47	80
33-62-0413	7350868	1450228	2-69	2	305	20,350	3.53	718	41	14,915	3.88	578	10-72		40	1,032	-.05	29	66
33-62-0413	7435339	1308101	6-69	2	293	18,920	3.79	717	44	15,510	3.84	595	3-73		40	940	-.02	31	64
33-62-0413	7562443	1392858	1-70	1	305	21,960	3.92	861	54	14,900	3.89	580	3-72		36	713	.05	33	57
33-62-0413	7692735	1399824	9-70	1	305	23,760	3.62	861	43	15,690	3.84	603	1-73		36	953	.01	36	69
33-62-0522	7316635	1470927	2-69	2	305	20,115	3.73	751	23	15,170	3.68	559	2-72		29	709	.00	25	50
33-62-0570	6777383	1308101	1-67	4	305	18,563	3.71	688	13	16,308	3.78	616	7-72		44	864	-.03	27	58
33-62-0570	6783096	1308101	10-66	4	305	22,703	3.84	871	12	17,105	3.81	651	12-72		44	1,296	.00	47	92
33-62-0570	7031060	1308101	11-67	3	305	22,077	3.62	799	10	17,447	3.83	668	6-72		42	1,154	-.04	35	76
33-62-0570	7214877	1392858	9-68	2	305	22,540	3.89	876	14	18,905	3.83	725	2-72		40	628	.05	30	51
33-62-0733	6999018	1330987	11-67	3	305	21,053	3.76	791	9	16,746	3.58	599	7-72		42	794	.07	39	65
33-62-0733	7354814	1308101	1-69	3	305	23,773	3.88	923	9	17,480	3.59	628	3-73		42	1,346	.03	53	99
33-62-0733	7354815	1308101	7-69	2	305	21,010	3.42	718	13	16,940	3.74	633	9-72		40	1,036	-.06	28	66
33-62-0843	7092381	1308101	6-67	4	305	15,875	4.03	639	12	13,380	3.63	486	2-73		44	821	.03	34	62
33-65-0711	7188264	1308101	11-68	3	294	19,223	3.70	712	29	16,407	3.95	648	12-72		42	922	-.04	27	60
33-65-0711	7341152	1308101	5-69	2	305	21,405	3.90	835	32	14,825	3.99	592	8-72		40	1,248	-.01	43	87
33-65-0711	7518991	1526832	11-69	2	305	20,565	3.98	818	24	16,595	3.90	647	1-73		29	632	.04	29	50
33-69-0115	6499463	1308101	12-65	5	304	19,364	3.24	628	15	15,098	3.64	550	6-72		44	1,099	-.08	27	67
33-69-0115	7185528	1308101	9-68	3	305	18,880	3.41	643	14	15,393	3.67	565	3-73		42	976	-.05	27	62
33-69-0115	7545728	1308101	9-69	2	305	19,020	3.55	676	18	15,070	3.73	562	9-72		40	986	-.03	30	65
33-69-0143	7427629	1308101	11-69	2	294	20,635	3.46	715	16	13,840	3.70	512	12-72		40	1,250	-.04	38	83
33-69-0148	6761715	1244009	10-66	4	305	19,375	3.27	634	26	14,020	3.59	504	10-72		44	997	-.08	23	60
33-69-0170	6268675	1271075	11-64	6	305	18,387	3.31	609	19	14,762	3.57	527	9-72		44	857	-.04	24	55
33-69-0170	7372206	1387978	4-69	2	297	17,645	3.65	644	25	14,210	3.50	498	10-72		40	735	.01	28	53
33-69-0170	7503905	1387978	9-69	2	305	18,850	3.22	607	14	15,135	3.45	522	3-73		40	782	-.04	22	50
33-69-0243	7001617	1308101	8-66	4	293	16,220	3.50	567	15	12,235	3.95	483	8-72		44	977	-.06	26	62
33-69-0243	7595030	1308101	3-69	2	305	17,055	3.53	602	17	13,625	3.93	536	12-72		40	904	-.05	24	57
33-69-0272	6427854	1308101	11-65	4	305	18,968	3.32	630	14	16,865	3.51	592	8-72		44	859	-.05	23	54
33-69-0272	6682490	1308101	3-66	4	305	19,485	3.50	682	14	16,720	3.49	584	6-72		44	937	-.02	30	63
33-69-0272	7080361	1308101	12-67	3	305	17,920	3.55	636	13	16,137	3.48	562	9-72		42	797	-.02	26	54
33-69-0272	7321232	1308101	3-69	2	305	19,375	3.66	710	16	16,935	3.53	597	6-72		40	871	-.01	30	61
33-69-0272	7343145	1308101	12-68	2	305	21,250	3.57	759	14	16,610	3.55	590	7-72		40	1,088	-.02	36	74
33-69-0344	7190435	1394348	10-68	2	305	23,280	3.19	743	16	15,620	3.38	528	5-72		40	878	-.06	22	54
33-69-0364	7252029	1387978	12-68	2	298	18,750	3.38	633	5	15,380	3.42	526	11-72		40	752	-.02	24	51
33-69-0410	6935208	1261857	9-67	2	305	18,515	3.89	720	11	14,170	3.47	491	1-72		40	748	.10	42	66
33-69-0712	7301091	1387978	12-68	2	305	20,310	3.33	677	20	15,460	3.56	550	10-72		40	904	-.04	27	59
33-69-0712	7755076	1450228	10-70	1	305	20,110	3.48	700	11	17,280	3.55	614	2-73		36	755	-.03	23	50
33-69-0716	6197757	1315578	8-64	6	302	19,072	3.70	705	17	16,248	3.63	589	3-73		44	548	.09	34	51
33-69-0716	6791496	1366152	10-66	3	305	21,937	3.49	765	23	15,787	3.64	574	10-72		42	830	-.01	29	58
33-69-0846	6283361	1330987	12-64	5	305	19,232	3.43	659	8	15,800	3.57	564	10-71		44	714	.01	27	52
33-69-0857	7390095	1387978	4-69	1	305	17,470	3.81	665	8	13,060	3.77	493	4-72		36	725	.00	26	51
33-69-0911	7333429	1387978	9-68	3	300	19,630	3.36	659	7	16,253	3.68	598	4-73		42	807	-.05	22	51
33-70-0170	6995436	1315578	5-66	4	305	16,750	4.24	711	7	12,788	3.76	481	12-72		44	587	.15	44	61
33-70-0212	6681199	1315578	5-66	2	305	20,590	3.82	786	10	15,565	3.62	563	2-73		40	681	.11	41	62
33-70-0670	7056996	1308101	11-67	4	300	17,480	3.70	646	51	15,085	3.71	560	9-72		44	851	-.02	28	58
33-77-0441	7573096	1308101	6-68	3	302	16,000	3.72	595	25	14,177	3.70	524	11-72		42	756	-.01	25	52
33-78-0210	7496931	1308101	6-69	1	305	21,010	3.62	760	21	16,150	3.63	586	1-72		36	998	-.02	33	68
33-78-0210	7897245	1315578	9-70	1	305	19,110	3.98	760	9	14,910	3.47	518	10-72		36	479	.13	37	51
33-78-0210	7897248	1308101	9-69	2	305	18,260	3.48	636	19	14,935	3.76	562	12-72		40	920	-.05	26	59
33-79-0345	6283572	1431720	1-65	4	305	22,197	3.07	682	342	15,442	3.56	550	6-72		43	1,025	-.15	13	53
33-79-0345	6624665	1308101	4-66	4	305	19,178	3.82	732	30	14,398	3.78	544	3-72		44	1,129	.00	40	79
33-79-0345	6624668	1458728	8-66	4	299	21,600	3.72	804	39	15,707	3.90	613	10-72		43	909	-.07	22	55
33-79-0345	6892089	1352953	12-66	4	298	22,250	3.49	776	31	15,605	3.85	601	4-72		44	822	-.04	24	54
33-79-0345	7141567	1308101	7-68	2	305	17,810	4.31	768	32	15,365	3.89	598	2-72		40	840	.04	36	64

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
33-79-0345	7141568	1308101	7-68	2	305	25,925	3.84	996	37	16,200	3.99	646	2-72		40	1,595	-.01	55	$111
33-79-0345	7307515	1315578	9-68	3	305	21,033	4.20	883	40	16,893	3.95	667	1-73		42	675	.14	45	65
33-79-0347	7114980	1352979	1-68	2	305	23,440	3.33	781	22	17,190	3.83	659	1-72		40	971	-.11	17	54
33-79-0347	7176492	1315578	10-68	2	305	21,725	3.84	835	10	15,795	3.75	592	6-72		40	777	.10	44	69
33-79-0714	7196050	1352979	10-68	3	305	21,843	3.57	780	58	16,133	3.99	643	3-73		42	967	-.09	20	56
33-79-0714	7356078	1308101	9-68	3	305	19,897	4.07	810	64	15,917	3.96	630	10-72		42	1,044	.02	40	76
33-79-0714	7453596	1352979	1-69	2	305	21,780	3.75	816	51	16,375	4.08	668	11-72		40	869	-.07	20	52
33-79-0841	6207405	1414917	12-64	5	304	17,720	3.94	699	23	13,588	3.75	509	6-72		43	651	.03	28	50
33-79-0841	6406505	1441293	8-65	5	301	21,476	3.28	704	41	15,244	3.66	558	10-72		32	1,008	-.07	25	62
33-79-0841	7200290	1308101	9-68	3	297	17,983	3.54	637	49	16,110	3.87	623	12-72		42	806	-.05	21	50
33-79-0841	7200291	1352979	9-68	3	301	23,350	3.23	754	58	16,747	3.89	651	12-72		42	1,083	-.14	17	58
33-79-0841	7447983	1315578	5-69	2	305	18,600	4.23	786	22	15,915	3.80	605	5-72		40	451	.14	38	50
33-79-0841	7460774	1308101	8-69	2	305	24,115	3.37	812	47	16,995	3.94	669	2-73		40	1,347	-.08	35	84
33-85-0343	7431635	1308101	8-69	1	305	15,940	3.66	584	22	12,750	3.35	427	7-72		36	823	.00	29	58
33-85-0522	6881047	1308101	8-67	3	305	17,487	3.70	647	9	15,367	3.64	559	4-73		42	818	-.01	28	57
33-85-0522	7039186	1308101	8-67	3	302	17,623	4.34	764	19	15,073	3.79	572	6-72		42	860	.06	40	69
33-85-0522	7362697	1315578	5-68	2	305	19,465	3.29	641	9	13,660	3.77	515	11-72		40	721	.03	30	54
33-85-0672	6664274	1182696	9-66	4	305	19,178	3.86	740	15	14,468	3.64	527	6-72		44	818	.06	30	65
33-85-0672	7605862	1308101	6-69	2	272	19,335	3.44	666	16	14,450	3.72	538	1-73	B	40	1,069	-.05	31	69
33-86-0147	7296742	1314767	1-68	2	305	22,205	3.75	833	22	16,150	3.85	621	1-72		40	756	.02	31	57
33-86-0147	7586899	1428104	2-70	1	305	19,930	3.48	693	18	13,550	3.81	516	11-72		36	926	-.09	19	54
33-86-0151	6926424	1330987	2-67	4	305	18,660	4.47	834	24	15,355	3.72	571	10-72		44	671	.16	48	68
33-86-0151	6963110	1478014	9-67	3	305	21,333	3.86	824	28	15,060	3.72	560	11-72		42	980	.06	44	77
33-86-0153	7369314	1494804	12-68	2	304	24,575	4.03	991	19	17,045	3.73	636	12-71		35	837	.12	49	75
33-86-0153	7559772	1509496	10-69	2	305	19,560	3.80	743	17	15,705	3.94	618	2-73		31	774	-.03	23	51
33-86-0153	7559773	1509496	10-69	2	305	19,370	4.01	776	17	16,135	3.89	628	12-72		31	711	.00	26	51
33-86-0157	5718214	1237057	10-62	6	305	18,096	3.68	666	32	12,475	3.56	444	6-72		44	852	-.02	28	58
33-86-0157	6950377	1308101	8-67	3	305	16,943	3.46	587	29	13,613	3.61	491	11-72		42	917	-.04	27	60
33-86-0157	6950389	1392858	12-67	3	305	19,680	3.19	627	29	13,326	3.57	476	12-72		42	867	-.03	26	57
33-86-0167	7507178	1308101	1-70	2	266	15,650	3.88	608	18	12,935	3.87	501	12-72		40	818	-.01	28	57
33-86-0280	6552870	1315578	9-65	5	305	17,480	4.03	704	25	14,092	3.95	557	12-72		44	565	.11	37	54
33-86-0280	6969212	1308101	5-67	4	305	20,723	3.45	715	36	14,360	3.99	573	2-73		44	1,323	-.08	35	03
33-86-0280	6969214	1308101	10-67	3	305	16,453	4.11	677	15	14,123	3.89	550	6-72		42	813	.02	32	60
33-86-0293	6629895	1308101	7-66	1	305	20,560	3.69	758	29	15,770	3.67	579	11-72		36	987	-.02	33	68
33-86-0313	6828683	1315578	1-67	4	304	19,735	3.92	774	26	16,080	3.90	627	12-72		44	631	.09	37	57
33-86-0313	7062797	1392858	1-68	3	305	22,280	3.57	796	30	16,083	3.86	621	1-73		42	913	-.01	32	64
33-86-0313	7084942	1435095	4-68	2	305	21,730	3.95	859	23	15,200	3.95	600	4-72		40	651	.07	34	55
33-86-0314	7060634	1386859	1-68	2	305	20,520	3.71	761	23	15,665	3.95	618	2-72		40	745	.00	27	53
33-86-0315	7052557	1524015	5-68	2	298	19,375	3.24	628	7	12,330	3.56	439	6-72		25	834	-.05	22	52
33-86-0340	6171018	1329588	9-64	4	304	17,428	3.40	592	7	11,700	3.80	445	10-72		44	822	-.06	21	51
33-86-0349	7498292	1315578	3-69	2	305	22,345	3.62	808	19	16,335	3.91	638	7-72		40	797	.05	37	63
33-86-0362	7001206	1308101	9-67	3	305	19,410	3.54	688	18	16,030	3.77	604	5-72		42	978	-.05	28	63
33-86-0362	7556514	1427381	11-69	1	305	19,990	3.31	661	15	14,710	3.73	548	5-72		36	1,105	.01	41	79
33-86-0362	7556515	1427381	11-69	1	305	19,020	3.60	684	13	15,710	3.91	614	1-72		36	973	.02	38	71
33-86-0411	7028710	1339836	1-67	3	305	21,260	3.73	793	16	14,950	3.89	581	7-72		41	837	-.03	25	55
33-86-0411	7139342	1428104	11-67	2	281	19,990	3.46	692	22	14,625	3.90	571	7-72		40	983	-.10	19	56
33-86-0411	7380770	1428104	7-69	2	305	20,195	4.12	833	13	15,620	3.83	598	3-73		40	923	-.01	31	64
33-86-0411	7573000	1428104	2-69	2	305	20,945	3.78	792	20	16,220	3.79	615	1-73		40	950	-.06	25	60
33-86-0411	7573016	1428104	5-69	1	305	24,030	2.88	691	17	14,870	3.89	578	2-72		36	1,152	-.17	15	59
33-86-0462	7585454	1513760	3-68	2	305	19,410	3.56	691	5	12,625	3.67	463	1-73		25	808	-.01	28	56
33-86-0511	6993986	1308101	9-67	3	305	18,947	3.66	694	8	14,760	3.62	535	3-73	H	42	1,041	-.02	35	72
33-86-0511	7167110	1392858	9-68	2	270	20,490	3.55	728	8	15,480	3.81	590	11-72	B	40	698	.01	26	50
33-86-0535	6687459	1478014	12-66	3	305	22,867	3.70	845	6	15,877	3.68	585	12-72		42	1,082	.03	44	81
33-86-0535	8193209	1450228	10-70	1	305	20,540	3.60	740	10	16,880	3.71	626	1-73		36	811	-.03	25	54
33-86-0541	6410053	1315578	10-65	5	294	17,346	4.14	718	17	14,526	3.81	554	3-72		44	503	.14	39	53
33-86-0541	7288070	1427381	3-69	2	293	17,785	3.60	640	22	13,310	3.88	516	7-72		40	1,095	.02	42	80
33-86-0543	7804627	1450692	1-71	1	305	24,450	3.49	853	6	17,090	3.84	657	2-73		35	964	-.02	32	66
33-86-0574	6429919	1315578	10-65	6	302	17,970	4.06	729	17	15,680	3.57	559	3-73		44	464	.15	40	52
33-86-0574	7397543	1393997	9-69	1	305	24,740	4.28	1059	18	16,630	3.51	654	1-72		35	851	.09	45	72
33-86-0574	7525389	1427381	2-70	1	305	18,330	3.99	732	22	15,530	3.79	589	8-72		36	932	.06	43	74
33-86-0612	6653766	1308101	10-66	4	302	16,985	3.89	661	40	14,183	3.89	552	3-72		44	879	-.01	30	61
33-86-0614	6951272	1452322	12-67	3	305	20,040	3.71	744	11	15,383	3.71	571	11-72		34	765	-.01	26	53
33-86-0614	7373063	1450228	6-69	2	300	17,535	3.59	630	14	14,525	3.86	561	8-72		40	778	-.04	22	50
33-86-0614	7373064	1450228	6-69	2	302	18,770	3.66	687	14	14,920	3.77	563	10-72		40	872	-.03	27	58
33-86-0614	7470114	1427381	11-69	1	305	22,270	3.58	798	13	14,750	3.72	548	1-72		36	1,272	.03	51	94
33-86-0614	7470115	1427381	12-69	1	305	19,800	3.64	720	9	14,740	3.65	538	2-72		36	1,089	.04	46	83
33-86-0614	7599278	1427381	4-70	1	300	17,650	3.79	669	14	15,010	3.72	559	6-72		36	913	.05	41	72
33-86-0615	6823540	1417208	3-67	4	305	17,615	3.75	661	25	13,850	3.57	494	12-72		44	758	.03	32	58
33-86-0689	6736181	1261857	12-66	1	305	17,920	5.06	907	25	14,580	4.01	585	11-72		36	584	.16	46	62
33-86-0689	7062718	1261857	12-67	1	305	16,440	5.39	886	25	14,580	4.01	585	11-72		36	474	.18	44	56
33-86-0723	6822303	1330987	12-66	2	305	18,415	3.62	666	29	13,850	3.83	531	10-72		40	707	.02	29	53
33-86-0841	6161668	1315578	11-64	6	305	16,737	4.15	695	8	14,127	3.75	530	9-72		44	465	.14	38	51
33-86-0855	7152950	1308101	10-66	4	281	15,355	3.75	576	6	13,518	3.79	512	11-72		44	743	-.02	24	50
33-86-0856	7125215	1308101	6-68	2	305	18,825	3.60	677	11	16,060	3.75	603	10-72		40	886	-.04	26	58
33-86-0856	7412317	1308101	5-69	2	304	17,470	3.51	613	9	15,605	3.76	587	8-72		40	786	-.05	21	50
33-86-9110	7578146	1428104	11-69	1	305	24,720	3.21	793	32	14,980	3.67	550	1-72		36	1,197	-.12	24	69
33-86-9141	6145402	1428104	9-64	6	305	19,570	3.54	693	19	15,561	3.66	570	3-72		44	950	-.08	22	57
33-86-9141	6499702	1242221	1-66	5	299	16,862	3.60	607	23	15,242	3.68	561	11-72	B	43	808	-.01	28	56
33-86-9141	7140169	1509496	7-68	2	304	23,310	3.18	742	23	16,580	3.66	607	12-71		31	1,131	-.11	24	66
33-86-9141	7661257	1428104	8-70	1	305	22,760	3.01	684	23	15,480	3.70	573	8-72		36	1,021	-.14	15	54
33-86-9146	6566302	1242221	11-65	6	303	17,038	3.39	577	22	14,503	3.85	558	2-73		43	910	-.06	24	57
33-86-9146	6566303	1315578	1-66	5	305	18,366	3.64	669	20	14,318	3.78	541	5-72		44	656	.07	34	55
33-86-9146	7132391	1308101	6-68	3	305	17,667	3.59	635	28	15,127	3.77	571	12-72		42	860	-.04	25	56
33-86-9146	7612556	1308101	12-69	1	305	22,110	3.58	791	33	15,490	3.78	586	12-72		36	1,119	-.03	35	75
33-86-9155	7343732	1308101	11-68	2	305	19,510	3.35	653	13	13,615	3.67	499	4-72		40	1,154	-.06	32	74

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	C O W I N D E X MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
			MO-YR										MO-YR	D	(%)				
33-87-0242	7545524	1458744	11-69	2	305	20,645	3.46	714	11	16,125	3.45	556	3-73		40	889	-.01	30	$ 61
33-87-0242	7630113	1427381	11-69	1	305	20,130	3.39	682	6	17,050	3.38	576	4-72		36	976	.03	40	73
33-87-0242	7681028	1427381	1-70	1	305	17,240	3.48	600	12	14,120	3.71	524	7-72		36	935	.02	37	69
33-87-0242	7712227	1427381	2-70	2	305	18,245	3.31	603	8	16,605	3.41	567	3-73		40	874	.02	34	64
33-87-0242	8130753	1458744	12-70	1	305	21,050	3.48	733	15	13,440	3.57	480	9-72		36	975	-.02	32	66
33-87-0511	7073021	1308101	2-68	3	305	23,273	3.53	822	23	16,427	3.74	615	11-72		42	1,386	-.04	43	92
33-87-0515	7266777	1308101	9-68	2	305	18,320	3.97	728	15	15,035	3.68	553	9-72		40	918	.02	36	68
33-87-0515	7578290	1392858	11-69	1	305	21,100	4.27	900	8	14,900	3.89	579	4-72		36	649	.08	36	57
33-91-0713	7524933	1308101	11-69	2	291	21,275	3.38	720	5	15,925	3.50	557	3-73		40	1,146	-.04	35	76
33-92-0242	7220615	1308101	11-68	2	305	17,650	3.43	606	12	12,900	3.71	478	6-72		40	1,023	-.05	29	66
33-92-0447	6966363	1315578	11-67	4	305	18,973	3.44	653	35	14,173	3.67	520	12-72		44	725	.05	33	57
33-92-0447	7049416	1308101	2-68	3	305	19,183	3.57	684	36	14,350	3.67	527	10-72		42	1,106	-.03	35	74
33-92-0447	7466671	1308101	7-69	2	305	17,595	3.79	666	29	14,510	3.70	537	8-72		40	887	-.01	31	62
33-92-0572	7343421	1308101	2-69	2	305	20,495	3.80	778	38	15,780	3.54	559	1-72		40	1,078	.01	40	77
33-92-0942	7138102	1308101	4-68	2	305	19,880	3.83	762	13	17,760	3.63	645	1-72		40	855	.01	32	62
33-92-0942	7232572	1308101	9-68	2	305	19,145	3.54	677	12	16,530	3.62	598	8-72		40	880	-.03	27	58
33-92-0942	7261039	1352979	10-68	2	305	21,010	3.53	770	7	16,275	3.72	606	6-72		40	880	-.08	20	53
33-92-0942	7261040	1308101	10-68	3	305	21,137	3.44	727	17	16,900	3.62	612	2-73		42	1,096	-.05	32	71
33-92-0942	7261041	1308101	12-68	2	305	17,915	3.75	671	16	15,685	3.63	569	8-72		40	824	.00	29	58
33-92-0942	7261042	1308101	12-68	3	305	21,133	3.71	783	17	17,583	3.62	637	1-73		42	1,033	-.01	36	72
33-95-0112	6883730	1308101	7-66	4	303	18,543	3.59	666	15	15,170	3.74	567	12-72		44	974	-.03	30	65
33-95-0112	7121439	1308101	12-67	3	299	18,533	3.62	670	19	15,373	3.73	573	11-72		42	938	-.03	29	62
33-95-0112	7121442	1392858	4-68	3	257	20,123	3.81	766	17	15,820	3.70	585	12-72	B	42	689	.05	32	55
33-95-0112	7342340	1308101	1-69	1	305	18,850	3.67	691	21	15,450	3.81	588	11-72		36	878	-.03	27	58
33-95-0112	7342342	1308101	6-69	2	305	19,155	3.50	670	19	15,645	3.79	593	10-72		40	953	-.05	27	61
33-95-0112	7763354	1392858	1-70	1	305	18,590	4.37	812	5	13,220	3.87	512	7-72		36	562	.08	33	51
33-95-0440	7061640	1392858	12-67	3	305	21,806	3.39	740	24	16,336	3.64	595	10-72		42	835	-.01	28	57
33-95-0440	7078456	1315578	12-67	4	305	19,938	3.54	705	20	16,820	3.56	598	3-73		44	583	.07	32	51
33-95-0440	7365963	1308101	2-69	2	305	22,595	3.50	790	32	16,530	3.62	598	11-72		40	1,231	-.04	38	82
33-95-0440	7387206	1308101	3-69	2	305	18,480	3.85	711	34	15,890	3.64	578	10-72		40	865	.01	32	62
33-95-0440	7585284	1308101	11-69	1	305	20,130	3.31	667	17	18,540	3.50	649	3-72		36	790	-.04	22	51
33-95-0440	7661344	1308101	3-70	1	305	17,380	4.22	734	34	15,300	3.67	562	10-72		36	778	.03	32	58
33-95-0470	7325948	1308101	3-69	2	305	20,150	3.62	729	9	15,500	3.90	604	10-72		40	1,066	-.04	32	70
33-95-0471	7548995	1509949	11-69	1	305	18,460	3.94	727	37	14,290	4.00	571	8-72		30	694	.05	33	56
33-95-0480	5617005	1217611	12-61	8	305	19,945	4.09	816	13	15,005	3.89	584	3-72		44	703	.03	30	54
33-95-0480	7331584	1399283	3-69	2	305	22,130	3.80	841	28	16,255	3.94	641	11-72		40	866	-.03	27	58
33-95-0612	6806779	1308101	1-67	4	305	16,158	3.87	626	8	14,243	3.82	544	11-72		44	771	.00	27	54
33-96-0312	7101478	1427381	3-68	3	260	20,360	3.36	684	13	16,273	3.59	585	1-73		42	1,153	.00	42	82
33-96-0312	7253908	1308101	1-69	2	305	21,590	3.38	730	10	16,780	3.52	590	6-72		40	1,108	-.04	33	73
33-96-0312	7461216	1427381	9-69	1	305	19,730	4.06	802	12	17,220	3.59	618	4-72		36	936	.09	47	77
33-96-0312	7554224	1427381	4-70	1	305	19,460	4.17	811	12	17,530	3.67	643	11-72		36	897	.09	46	75
33-96-0340	7140126	1308101	3-68	3	305	19,673	3.58	704	28	15,160	3.66	555	1-73		42	1,088	-.03	35	74
33-96-0340	7535637	1308101	11-69	2	302	17,670	3.82	675	28	15,220	3.67	558	1-73		40	837	.00	30	59
33-96-0340	7591229	1308101	7-69	2	305	17,740	3.67	651	20	14,960	3.66	548	3-73		40	865	-.02	28	59
33-96-0350	6666180	1425273	11-66	4	305	23,068	3.14	725	13	14,768	3.39	500	11-72		35	1,162	-.09	27	70
33-96-0351	7172720	1458744	10-68	1	305	19,510	4.00	781	16	14,610	3.69	539	11-71		36	790	.02	32	59
33-96-0351	7500745	1458744	12-69	2	262	18,460	3.97	732	18	15,420	3.66	565	2-73	B	40	725	.03	31	55
33-96-0352	6154828	1283917	6-64	6	305	23,736	3.19	756	24	17,415	3.63	632	12-72		44	1,060	-.14	16	56
33-96-0352	6832066	1330987	2-67	4	303	19,815	3.65	723	23	16,980	3.66	621	8-72		44	653	.04	29	51
33-96-0352	6832068	1303311	3-67	4	305	23,528	3.28	772	24	17,323	3.64	631	11-72		44	908	-.07	22	55
33-96-0352	7182155	1268294	4-68	3	305	22,203	3.70	821	24	17,740	3.57	634	3-73		42	748	-.01	25	51
33-96-0352	7266157	1315578	10-67	4	302	19,963	4.10	818	17	17,833	3.62	646	2-73		44	486	.16	41	54
33-96-0352	7474808	1427381	8-69	1	305	22,000	3.71	817	15	17,980	3.73	670	2-72		36	1,060	.04	45	81
33-96-0519	7515369	1450692	12-69	1	305	21,190	3.35	710	20	12,350	3.77	465	5-72		35	1,004	-.03	32	68
33-96-0612	7214131	1458744	11-68	3	305	18,340	3.22	591	47	11,993	3.71	445	12-72		42	1,056	-.06	28	66
33-96-0612	7649901	1427381	4-70	1	305	17,060	3.40	580	44	11,790	3.70	436	9-72		36	1,061	.02	41	78
33-96-0720	6450059	1315578	10-65	4	305	20,775	4.14	860	16	13,808	3.69	509	4-72		44	984	.16	60	90
33-96-0720	6454765	1182696	11-65	5	303	18,948	3.68	736	21	16,586	3.59	596	5-72		44	593	.06	31	50
33-96-0720	7134328	1458744	7-68	2	305	18,105	3.93	712	9	13,085	3.60	500	11-72		40	813	.03	34	62
33-96-0720	7474609	1458744	9-69	2	299	18,800	3.82	718	10	13,760	3.83	527	1-73		40	894	.01	33	64
33-96-0770	7337646	1182696	5-68	2	305	17,500	4.25	743	8	14,015	3.86	541	4-72		40	596	.08	33	52
33-96-0810	6649072	1330987	10-66	3	305	16,980	4.36	741	13	15,023	3.69	554	2-72		42	485	.13	37	51
33-98-0142	6725075	1308101	10-66	3	305	17,980	3.88	698	10	14,350	3.64	522	7-72		42	968	.01	37	70
33-98-0142	6725077	1308101	11-66	3	305	16,510	3.46	572	11	14,030	3.76	528	8-72		42	828	-.05	22	52
33-98-0480	6714916	1458744	9-66	2	301	20,845	3.56	743	6	17,650	3.63	640	2-73		40	786	-.01	26	54
33-98-0530	7600992	1447414	10-69	1	305	19,970	4.38	874	20	16,470	4.65	766	9-71		36	895	-.02	29	61
33-98-0530	7650544	1387978	4-69	1	291	25,170	3.11	784	19	14,950	4.22	631	1-72	B	36	1,186	-.10	27	71
33-98-0546	7076376	1308101	1-68	3	305	19,427	3.54	687	7	15,200	3.74	568	11-72		42	1,056	-.04	32	70
33-98-0548	6770092	1308101	3-67	4	305	17,083	3.68	629	19	14,838	3.97	589	2-73		44	826	-.04	23	53
33-98-0548	7092159	1315578	6-68	2	305	20,585	4.40	906	10	16,210	3.80	616	6-72		40	628	.17	49	67
33-98-0548	7176280	1352979	11-68	2	305	23,290	3.73	868	21	17,945	3.77	676	3-73		40	895	-.05	24	56
33-98-0548	7191706	1308101	9-68	2	305	17,480	3.86	675	29	15,755	3.89	613	1-73		40	774	-.02	25	52
33-98-0548	7549489	1447414	11-69	2	305	19,800	3.79	751	19	17,510	3.80	665	3-73		40	861	-.02	28	58
33-98-0612	7920923	1533777	5-70	1	305	20,590	3.45	710	10	15,570	3.69	574	9-72		26	804	-.03	25	54
33-98-0615	6289762	1386859	11-64	6	305	20,168	3.96	798	11	16,191	3.91	633	4-72		44	773	.04	34	60
33-98-0851	7613823	1427381	1-70	2	294	15,865	4.22	670	28	13,250	3.76	498	2-73		40	905	.09	47	76
33-98-9170	6805552	1308101	2-67	3	305	21,043	3.17	668	12	14,663	3.86	566	8-72		42	1,291	-.10	30	78
33-98-9170	7074267	1315578	5-68	2	295	19,000	3.77	717	11	14,505	3.87	561	8-72		40	606	.08	34	53
33-99-0944	7304140	1308101	1-69	3	305	20,940	3.44	721	12	17,097	3.65	624	3-73		42	1,056	-.05	30	68
33-99-0944	7852536	1392858	1-71	1	305	24,600	3.21	790	8	15,930	3.57	568	2-73		36	848	-.02	28	58
34-02-0015	6769076	1383468	2-67	4	298	21,558	3.46	746	22	15,080	3.73	562	12-72		43	865	-.08	19	51
34-02-0018	6216632	1444103	12-64	5	302	20,274	3.88	786	10	16,326	3.45	564	9-72	B	32	680	.08	37	59
34-02-0018	7644999	1447414	5-70	1	167	20,840	3.31	690	15	18,110	3.24	586	1-73	B	36	862	-.03	26	57
34-03-0001	6214648	1436493	6-64	7	305	20,079	3.71	745	22	15,417	3.72	574	11-72		32	764	.01	29	55
34-03-0006	7449501	1428104	9-69	2	305	19,450	3.44	669	13	15,115	3.75	567	1-73		40	880	-.10	17	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HEROMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
34-03-0009	6662190	1267271	10-66	4	305	23,092	4.00	923	31	17,592	3.73	656	5-72		44	974	.03	40	$ 73
34-03-0009	6708644	1290182	9-66	4	297	25,225	3.64	918	37	17,112	3.85	659	12-71		44	1,096	-.02	37	76
34-03-0009	6708648	1290182	1-67	4	305	24,812	3.43	850	40	17,425	3.82	665	10-71		44	1,014	-.05	28	65
34-03-0009	6708652	1267271	10-66	5	304	22,682	3.65	829	44	18,274	3.75	685	12-72		44	882	-.04	26	58
34-03-0009	7040831	1290182	2-68	3	305	25,483	3.74	954	31	18,473	3.72	687	3-73		42	928	.02	36	68
34-03-0009	7401456	1336050	8-69	2	305	20,395	3.79	772	60	18,015	3.82	688	9-72		40	699	.01	26	50
34-03-0009	7673916	1308101	10-70	1	304	20,960	3.69	773	59	19,170	3.70	710	11-72		36	814	-.02	26	55
34-03-0044	7096897	1492862	2-68	3	305	18,320	4.10	751	20	14,330	3.75	538	12-72		33	583	.09	34	52
34-03-0044	7123513	0102278932	10-64	3	305	19,603	4.09	802	23	14,933	3.64	543	8-72		29	675	.09	38	59
34-03-0050	6670188	1330987	11-66	3	305	18,066	4.01	725	22	15,240	3.77	575	7-72		42	508	.08	33	52
34-03-0050	6755933	1283917	12-66	4	305	21,055	3.65	769	28	15,757	3.80	598	11-72		44	858	-.07	20	52
34-03-0050	7052579	1427381	5-68	2	305	18,755	4.46	837	44	15,390	3.90	600	12-72		40	1,024	.12	55	88
34-03-0053	7426939	1489981	4-69	1	305	16,950	4.54	769	22	12,950	3.77	488	10-71		35	417	.17	40	51
34-03-0053	7488817	1427381	11-69	1	295	16,780	3.73	626	19	13,760	3.92	539	6-72		36	922	.04	39	70
34-03-0053	7783147	1427381	3-70	1	292	16,610	4.12	685	18	13,720	3.72	510	9-72		36	912	.08	45	75
34-03-0053	7783150	1427381	12-70	1	305	17,160	3.73	640	13	14,610	3.70	540	4-73		36	900	.04	39	69
34-03-0053	7783151	1526327	8-70	1	305	23,550	3.02	712	14	14,320	3.81	545	3-73		19	871	-.09	17	50
34-03-0055	7651747	1447141	10-68	2	305	21,430	3.19	683	16	16,010	3.72	595	10-72		40	728	-.01	24	50
34-03-0090	5571395	1368047	9-61	3	305	20,867	4.23	882	14	14,113	3.43	484	4-72		32	1,042	.15	61	94
34-03-0090	5633330	1368047	1-62	7	302	18,604	3.77	702	11	14,173	3.56	504	3-73		35	793	.06	37	63
34-03-0173	7618293	1383004	1-70	1	305	23,740	3.62	860	20	16,260	3.67	597	7-72		36	529	.10	34	50
34-03-0206	7796098	1458744	7-70	1	305	20,100	3.75	754	8	15,980	3.62	578	10-72		36	752	.01	28	54
34-03-0259	7135672	1478014	7-68	3	304	17,677	4.24	750	19	14,957	3.82	572	9-72		42	563	.09	34	51
34-03-0259	7468935	1406271	10-69	2	305	19,345	3.37	652	17	15,780	3.96	625	1-73		40	760	-.02	24	51
34-08-0009	7103833	1261857	5-68	3	305	18,447	3.93	725	24	16,123	3.57	575	9-72		42	608	.10	37	56
34-08-0009	7161053	1261857	4-67	2	294	19,020	3.72	708	24	16,875	3.53	595	11-72		40	580	.07	32	50
34-08-0014	7555294	1347940	7-69	2	298	18,275	3.24	592	20	14,985	3.64	545	1-73		40	809	-.04	23	52
34-08-0025	6917963	1465940	7-67	3	294	20,053	3.63	727	23	14,267	3.78	540	8-72		32	970	-.03	30	65
34-08-0025	6997396	1330987	11-67	3	305	18,563	4.29	796	29	15,373	3.69	567	5-72		42	634	.13	42	61
34-08-0025	7849551	1447414	1-71	1	305	19,410	3.49	677	23	14,600	3.78	552	1-73		36	965	-.05	27	62
34-08-0029	6091757	1344455	3-64	5	288	19,014	3.68	700	21	16,122	3.62	584	1-73		37	685	.03	29	52
34-08-0029	6738637	1308101	10-66	5	304	22,078	3.40	751	12	17,794	3.68	654	4-73		44	1,171	-.06	32	74
34-08-0029	7111551	1261857	2-68	3	305	22,057	3.59	792	17	16,237	3.64	591	8-72		42	1,012	.04	43	77
34-08-0056	7522671	1347940	8-69	1	305	19,460	3.73	726	15	14,220	3.47	493	6-72		36	882	.02	35	65
34-08-0079	5395739	1258981	4-61	8	305	19,520	4.33	845	10	16,945	3.66	621	12-72		44	665	.13	44	64
34-08-0079	6526169	1290182	3-66	5	305	23,092	3.14	724	10	17,020	3.64	620	12-72		44	877	-.09	17	50
34-08-0079	7208961	1258981	11-68	3	301	23,870	3.74	893	9	17,893	3.62	648	2-73	B	42	1,052	.04	44	80
34-08-0129	6976204	1482271	9-67	3	305	19,520	3.49	682	169	14,553	3.68	535	4-72		34	872	-.03	26	57
34-08-0152	8012337	1447414	9-70	1	305	17,890	3.35	600	19	12,840	3.62	465	12-72		36	956	-.05	26	61
34-09-0012	7730217	1410117	9-69	2	305	21,475	3.51	753	11	14,255	3.60	513	11-72		40	758	.00	28	54
34-09-0041	6645880	1330987	6-66	4	305	19,347	3.31	641	20	14,352	3.46	496	1-73		44	855	.01	32	62
34-10-0005	7057156	1393854	2-68	2	305	20,535	3.45	708	12	15,470	3.52	544	8-72		40	607	.07	33	52
34-10-0005	7316776	1393854	3-69	2	305	19,890	3.81	758	8	15,650	3.46	542	3-73		40	526	.13	39	54
34-11-0067	6560334	1336050	3-66	5	302	19,640	3.49	685	12	14,318	3.84	550	3-73		44	1,041	-.04	31	68
34-11-0068	7020580	1336050	1-68	2	296	18,095	3.74	677	15	13,915	4.05	564	12-71	B	40	799	-.01	27	55
34-11-0086	7165139	1497183	4-68	2	305	26,285	2.95	776	13	18,900	3.67	694	5-72		25	1,043	-.14	15	55
34-11-0086	7308399	1347940	2-69	1	305	21,810	3.77	822	15	18,770	3.75	704	4-72		36	786	.01	30	57
34-11-0086	7441866	1406271	7-69	1	305	20,710	4.16	862	15	18,840	3.72	701	4-72		36	600	.08	34	53
34-11-0086	7675172	1406271	7-70	1	305	20,190	4.15	838	23	18,200	3.69	672	11-72		36	600	.08	34	53
34-11-0114	7055510	1469191	2-68	2	305	23,470	3.10	727	16	15,535	3.77	586	8-72		32	1,125	-.13	20	62
34-11-0115	6539441	1267271	8-65	5	305	21,732	3.22	699	50	15,598	3.55	553	10-72		44	1,035	-.09	23	61
34-11-0115	6569735	1459935	1-66	5	305	18,528	3.11	576	40	15,100	3.55	536	9-72		36	868	-.09	18	50
34-11-0115	6569740	1459935	4-66	4	305	18,302	3.34	612	38	15,170	3.52	534	10-72		35	812	-.04	23	52
34-11-0115	6787614	1459935	9-66	2	305	20,685	3.40	703	58	14,900	3.72	554	9-72		30	1,065	-.05	31	69
34-11-0115	6787616	1459935	9-66	3	305	18,870	3.60	679	36	15,166	3.52	534	9-71		33	863	.01	32	62
34-11-0115	6787619	1459935	12-66	3	305	21,000	3.24	680	35	15,180	3.52	535	9-71		33	1,147	-.06	32	73
34-11-0115	6787620	1459935	1-67	3	305	17,500	3.91	685	21	15,400	3.52	542	2-72	B	33	654	.05	31	53
34-11-0115	6787621	1459935	2-67	4	305	18,120	4.16	753	43	14,977	3.59	537	9-72		35	808	.09	43	69
34-11-0115	7602328	1537979	1-70	1	305	20,000	3.92	784	57	14,450	3.81	550	8-72		24	742	.03	31	56
34-11-0188	7062680	1357972	3-68	3	305	23,413	3.72	871	14	18,753	3.70	694	1-73		37	762	.00	27	54
34-11-0188	7312630	1493686	1-69	2	305	21,060	4.34	914	18	18,705	3.58	670	7-72		40	697	.13	45	66
34-11-0188	7383503	1406271	9-69	1	305	21,090	3.97	837	12	18,230	3.68	671	7-72		36	665	.07	34	56
34-11-0188	7472121	1427615	11-69	1	305	24,480	3.71	907	11	17,720	3.91	693	3-72		36	1,017	-.10	21	59
34-11-0190	7107727	1391173	7-68	2	305	23,435	3.46	810	12	15,960	3.79	605	1-73		40	928	-.06	24	58
34-11-0205	6747523	1290182	12-66	5	302	21,192	3.62	768	8	15,188	3.78	574	11-72		44	821	-.01	28	57
34-11-0205	7500265	1347940	9-69	1	305	17,430	3.93	685	11	14,920	3.86	576	11-71		36	689	.01	27	51
34-11-0205	7870874	1447414	12-70	1	281	18,160	4.24	770	7	15,830	4.01	634	2-73		36	798	.00	29	57
34-12-0064	6533225	1199324	11-65	4	305	19,275	3.30	636	9	16,395	3.36	551	8-72		44	827	-.03	25	55
34-12-0066	8240490	010303738	12-69	1	305	22,120	3.65	808	10	14,810	3.48	515	12-72		26	722	.03	30	55
34-12-0075	7822071	1450692	11-70	1	305	23,690	3.50	828	20	19,870	3.47	690	2-73		35	739	.01	28	54
34-13-0008	7443563	1447414	12-69	1	305	19,360	3.76	727	9	15,140	3.58	542	9-72		36	929	-.02	31	64
34-13-0015	7289987	1406271	12-68	2	305	17,965	3.86	693	25	15,105	3.80	574	5-72		40	675	.05	32	54
34-13-0022	7215800	1427381	11-68	2	305	20,690	3.90	806	13	18,865	3.74	706	2-72		40	939	.07	44	75
34-13-0022	7310349	1427381	2-69	2	305	26,175	3.40	889	9	18,610	3.67	683	11-72		40	1,516	.00	54	107
34-13-0022	7436458	1427381	8-69	2	305	23,680	3.66	867	7	19,150	3.70	709	12-72		40	1,219	.04	50	91
34-13-0038	7850172	1450692	10-70	1	305	21,980	3.61	794	23	16,300	3.56	581	11-72		35	825	.02	32	60
34-13-0153	6011969	1199324	10-63	6	305	19,942	3.40	678	11	15,883	3.51	557	2-72		44	978	-.03	30	65
34-13-0153	6197609	1199324	9-64	6	304	18,630	3.28	611	10	15,295	3.55	543	1-72		44	869	-.05	23	55
34-13-0163	7019968	1500063	10-67	3	297	22,943	3.53	809	42	17,683	3.68	651	12-72	B	33	870	-.03	26	57
34-13-0163	7283154	1399654	10-68	2	305	22,845	3.82	872	41	17,775	3.63	646	7-72		40	804	.08	42	68
34-13-0163	7313106	1500609	2-69	1	305	23,180	3.77	875	50	18,400	3.81	701	2-72		33	794	-.04	23	52
34-13-0163	7466368	1447141	7-69	1	305	23,360	3.73	871	44	17,410	3.71	646	10-72		36	644	.06	32	53
34-13-0163	7691529	1450228	11-70	1	305	22,140	3.68	814	22	18,190	3.65	664	4-73		36	852	-.02	28	58
34-13-0167	6817329	1336050	8-66	3	305	17,433	3.88	676	20	15,280	3.59	548	3-73		42	639	.04	29	50
34-13-0191	7067135	1393854	9-67	3	305	19,487	3.80	741	20	15,770	3.70	583	11-72		42	530	.11	36	52

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT	D (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
34-13-0191	7356547	1427381	12-68	2	305	18,525	4.05	750	23	15,775	3.94	622	12-72	40		970	.06	45	$ 77
34-13-0191	7684425	1496869	5-69	1	305	23,720	3.53	838	24	15,010	3.70	556	7-72	22		799	-.02	25	53
34-13-0263	7457062	1427381	7-69	1	305	16,740	4.00	670	21	14,280	3.76	537	12-71	36		888	.06	42	71
34-13-0263	7784437	1427381	12-70	1	305	17,370	3.41	593	25	13,450	3.62	487	10-72	36		985	.02	39	73
34-13-0751	6189648	1432091	10-64	7	298	20,031	4.42	885	15	17,170	3.73	640	2-73	32		535	.16	43	58
34-13-0756	6734141	1428146	2-67	4	302	19,537	3.19	624	13	13,085	3.68	481	5-72	37		995	-.10	20	57
34-14-0048	7884802	1537973	10-70	1	305	21,590	3.33	719	50	15,490	3.62	561	11-72	24		810	-.03	24	53
34-18-0191	7659388	010299855	8-68	3	305	22,703	3.07	697	22	15,670	3.56	558	3-73	37		1,059	-.09	24	63
34-18-0191	7662710	010302754	11-67	3	300	22,250	3.15	701	20	15,117	3.61	546	3-73	29		1,031	-.09	23	61
34-18-0192	7653750	1464901	3-70	1	305	22,000	3.77	829	16	14,490	3.75	544	5-72	34		1,127	-.02	38	78
34-19-0008	6338661	1244009	8-63	6	305	18,083	3.59	649	21	14,768	3.61	533	5-72	44		778	-.03	23	51
34-19-0018	6091259	1396768	12-62	8	305	20,089	3.77	758	369	14,931	3.70	553	12-72	44		819	.01	31	59
34-19-0018	6260013	1267271	10-64	6	305	19,391	3.33	646	481	14,155	3.66	518	6-72	44		882	-.08	20	53
34-19-0018	6277000	1303180	11-64	5	305	19,232	3.52	677	427	13,050	3.66	507	7-72	36		871	-.01	29	60
34-19-0018	6435580	1303180	8-65	5	304	18,704	3.65	682	376	14,310	3.65	522	5-72	36		739	.01	28	54
34-19-0018	6549059	1303180	2-66	5	305	18,306	3.63	665	376	14,216	3.69	524	11-72	36		692	.01	26	50
34-19-0018	6709907	1303180	9-66	4	305	20,410	3.69	754	459	14,105	3.68	519	5-72	35		980	.02	38	72
34-19-0018	6769788	1303180	11-66	4	305	18,030	4.03	727	406	14,208	3.70	526	4-72	35		633	.07	33	53
34-19-0018	6825755	1406271	1-67	4	305	18,608	3.55	660	460	14,428	3.66	528	5-72	44		865	.02	34	64
34-19-0018	7045824	1236789	1-68	2	305	19,615	3.84	754	592	13,670	3.75	512	9-72	40		881	.03	36	66
34-19-0018	7229408	1482271	7-68	3	305	18,780	3.43	645	465	14,140	3.72	526	1-73	34		818	-.05	22	52
34-19-0018	7484370	1505143	7-69	2	305	20,265	3.54	717	413	14,440	3.70	535	1-73	30		784	.00	28	55
34-19-0018	7484373	1505143	7-69	2	305	18,340	4.03	739	446	13,950	3.77	526	11-72	30		604	.06	31	51
34-19-0018	7551217	1413165	10-69	2	298	22,205	3.13	695	491	13,765	3.78	521	10-72	40		1,157	-.16	16	60
34-19-0018	7551219	1525421	10-69	2	302	22,410	3.34	749	449	14,355	3.72	534	1-73	30		909	-.04	26	59
34-19-0018	7628842	1450228	2-70	2	305	20,565	3.40	700	380	14,380	3.64	523	4-73	40		1,098	-.05	32	71
34-19-0018	7663134	1505143	4-70	1	305	18,820	4.10	772	597	13,160	3.76	495	7-72	25		586	.07	31	50
34-19-0018	7680314	1450228	5-70	1	305	17,200	3.59	618	611	12,940	3.81	493	8-72	36		797	-.03	24	53
34-19-0018	7817249	1450228	10-70	1	305	20,230	3.44	696	403	14,170	3.65	517	2-73	36		950	-.04	28	62
34-19-0018	7853221	1450228	11-70	1	305	18,410	3.72	684	430	14,210	3.68	523	1-73	36		812	-.01	27	56
34-19-0018	7853227	1450228	11-70	1	305	19,700	3.51	691	317	14,240	3.63	517	3-73	36		906	-.03	28	60
34-19-0018	7853231	1450228	11-70	1	305	20,460	3.50	716	477	13,500	3.78	510	11-72	36		1,007	-.04	30	66
34-19-0018	7869500	1450228	12-70	1	305	20,530	3.22	661	223	14,300	3.60	515	4-73	36		964	-.06	26	61
34-19-0025	5931323	1332867	8-63	6	305	19,640	3.49	685	7	15,388	3.62	557	2-72	36		826	-.03	25	55
34-19-0027	7485191	1404202	7-69	2	302	19,845	3.67	728	52	14,150	3.63	513	8-72	40		892	-.05	25	57
34-19-0027	7656929	1404202	7-69	2	305	21,310	3.24	691	38	14,730	3.52	519	1-73	40		994	-.09	21	58
34-19-0027	7664007	1404266	2-69	2	298	17,845	3.81	680	43	14,155	3.60	510	10-72	34		650	.04	29	51
34-19-0083	6293141	1434350	3-65	5	305	22,240	3.53	786	21	17,370	3.52	611	7-72	32		859	.00	31	61
34-19-0083	6807834	1470512	8-66	4	293	21,397	3.27	700	23	17,640	3.32	585	3-72	41		955	-.05	27	61
34-19-0083	7161649	1499193	1-68	2	305	21,670	3.80	831	12	17,310	3.58	619	10-72	29		667	.03	29	51
34-19-0083	7298758	1447414	4-69	2	305	21,555	3.40	732	25	17,150	3.45	591	3-72	40		1,069	-.04	32	70
34-19-0083	7298762	1533155	11-68	3	305	21,757	3.62	788	24	17,483	3.49	610	1-73	29		691	.02	28	52
34-19-0083	7601447	1447414	6-69	2	295	19,760	3.58	708	12	16,230	3.67	595	6-72	40		961	-.04	29	63
34-19-0107	6494220	1222994	5-65	3	305	20,993	3.34	701	12	15,780	3.58	565	1-73	42		881	-.04	26	58
34-19-0126	6304620	1434166	1-65	7	285	19,602	3.97	779	12	16,861	3.58	603	1-73	35		591	.10	37	55
34-19-0156	7631243	1391688	10-68	2	305	23,205	3.70	858	19	17,685	3.73	660	11-72	40		928	-.05	25	59
34-19-0156	7823153	1447414	6-70	1	305	19,630	3.40	667	20	17,230	3.85	664	7-72	36		824	-.06	20	50
34-19-0189	6899431	1290182	8-66	4	305	21,370	3.49	745	8	14,577	4.02	586	4-72	44		871	-.06	22	54
34-19-0189	7751469	1347940	7-70	1	305	17,590	3.79	667	17	15,190	3.70	562	9-72	36		685	.02	27	50
34-22-0015	6673679	1290182	7-66	3	305	19,320	4.18	807	5	14,566	3.74	545	7-72	42		579	.07	32	50
34-23-0015	6810400	1239242	7-66	4	305	23,530	3.37	793	10	14,498	3.56	516	5-72	44		1,255	-.04	38	83
34-23-0073	6838712	1330987	4-67	3	305	19,050	3.44	656	16	14,670	3.75	550	3-72	42		755	.01	28	54
34-23-0081	6275898	1290182	8-64	7	304	21,268	3.63	771	18	16,170	3.61	584	12-72	44		730	.00	27	52
34-23-0096	7133840	1435690	9-68	2	305	21,505	4.00	861	33	16,655	3.61	602	9-72	40		506	.12	37	52
34-23-0096	7397743	1427381	5-69	1	305	19,610	3.98	780	45	17,250	3.72	641	5-72	36		925	.07	44	75
34-23-0096	7397744	1427381	5-69	1	305	22,890	4.08	933	27	18,230	3.75	684	4-72	36		1,111	.08	53	90
34-23-0096	7397745	1427381	5-69	1	305	21,370	3.69	789	27	18,230	3.75	684	4-72	36		998	.04	42	76
34-23-0096	7483653	1427381	6-69	1	305	22,150	3.63	803	27	18,230	3.75	684	4-72	36		1,056	.03	43	79
34-23-0096	7490609	1427381	11-69	1	305	21,680	3.46	750	59	16,410	3.63	596	7-72	36		1,130	.02	44	83
34-23-0154	6804508	1463169	1-67	3	305	20,463	3.48	712	8	15,360	3.47	533	11-72	41		767	-.01	26	53
34-23-0154	7526562	1427381	8-69	2	305	21,990	3.68	809	7	16,915	3.57	604	6-72	40		1,229	.05	52	94
34-23-0593	6763805	1336050	11-66	4	305	15,907	3.69	587	13	12,960	3.54	459	8-72	44		690	.02	28	52
34-25-0001	6661318	1336050	11-66	4	301	18,230	3.32	606	11	14,927	3.53	527	4-72	44		782	-.03	23	51
34-25-0003	7113096	1399654	6-68	3	305	17,230	3.33	573	13	11,063	3.53	391	12-72	42		851	.02	34	63
34-25-0035	7085131	1336050	2-68	3	305	18,046	3.58	646	15	13,443	3.56	478	8-72	42		878	.00	32	63
34-25-0059	6992527	1261857	10-67	3	297	18,973	3.74	710	24	15,880	3.60	572	5-72	42		690	.07	36	58
34-25-0059	7920069	1447414	12-69	1	305	17,120	3.62	620	35	14,610	3.72	543	1-72	36		794	-.04	23	52
34-25-0074	7467255	1427381	10-69	2	305	19,695	4.01	789	7	16,050	3.98	638	12-72	40		1,066	.06	48	84
34-25-0084	7017943	1495240	1-68	3	305	18,973	3.63	688	60	13,617	3.58	487	9-72	29		735	.01	28	53
34-25-0084	7206292	1427381	9-68	3	305	19,533	3.69	720	50	13,946	3.58	499	12-72	42		1,272	.05	54	97
34-25-0084	7206293	1427381	11-68	2	305	17,990	3.27	589	58	13,990	3.53	494	7-72	40		1,060	.01	39	76
34-25-0084	7399040	1345461	9-69	1	305	21,590	3.77	813	37	14,220	3.48	495	3-72	35		727	.04	32	56
34-25-0097	7600043	1427381	2-70	2	294	18,465	3.51	649	16	15,835	3.45	547	2-73	40		959	.04	41	73
34-25-0117	7105095	1336050	10-67	3	294	16,096	4.05	652	28	13,023	3.75	488	9-72	42		692	.05	32	55
34-29-0018	6033082	1267271	10-63	3	305	19,890	3.86	767	8	14,976	3.71	555	6-72	42		800	.00	28	56
34-29-0036	6778798	1383004	11-66	4	305	22,353	3.92	876	66	15,795	3.72	588	12-72	44		793	.13	49	73
34-29-0036	6936247	1395606	10-67	4	304	20,737	3.73	773	59	16,315	3.70	603	12-72	35		676	.03	29	52
34-29-0112	7774953	1450692	8-70	1	305	20,630	3.77	778	14	16,050	3.94	632	3-73	35		739	.00	27	53
34-29-0112	7774954	1450692	10-70	1	305	21,040	4.05	853	14	16,050	3.94	632	3-73	35		770	.03	33	59
34-29-0133	6648592	1479823	8-66	4	291	23,000	3.93	904	23	16,330	3.59	586	11-71	42		906	.07	44	74
34-29-0133	7306067	1447141	11-68	2	305	21,540	3.87	833	21	17,070	3.67	626	11-71	40		653	.08	36	57
34-29-0133	7353251	1336050	4-69	2	305	21,705	3.32	720	7	16,450	3.70	609	4-72	40		959	-.05	27	62
34-30-0004	5192496	1308101	9-60	11	302	20,594	3.91	805	21	16,955	3.71	629	4-73	44		1,066	.02	42	79
34-30-0004	7101041	1410117	2-68	3	305	22,530	3.72	838	8	17,297	3.65	631	4-72	42		695	.03	30	53
34-30-0004	7461438	1427381	8-69	2	305	20,115	3.12	628	23	17,675	3.51	620	10-72	40		977	-.01	33	67

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
34-30-0004	7527422	1427381	10-69	2	305	25,540	3.33	850	33	19,500	3.47	677	12-72	40	1,379	.00	50	$ 98
34-30-0048	5595423	1347317	1-62	8	302	20,184	3.98	803	20	16,401	3.62	594	5-72	34	702	.09	39	61
34-30-0048	6673960	1330987	8-66	5	304	20,678	3.62	749	23	15,562	3.68	573	9-72	44	925	.03	38	69
34-30-0048	7154763	1468034	7-68	3	305	23,640	3.53	835	25	16,873	3.59	605	10-72	42	740	.00	26	52
34-30-0068	7359844	1407817	5-69	2	305	24,705	3.20	790	20	17,455	3.61	630	11-72	40	802	-.04	22	51
34-30-0119	6184490	1406515	8-64	4	303	21,058	3.70	780	13	17,203	3.53	608	2-72	30	665	.03	29	51
34-30-0119	7689085	1447414	8-70	1	305	21,160	3.33	704	37	15,710	3.62	568	11-72	36	1,029	-.06	28	65
34-30-0119	7689086	1447414	11-70	1	305	19,790	4.17	826	24	16,280	3.59	584	2-73	36	893	.03	36	66
34-30-0163	7330762	1447141	3-69	2	303	18,165	4.50	817	32	15,615	3.66	572	9-72	40	428	.16	39	50
34-30-0169	7927561	1447414	8-70	1	305	15,900	3.50	556	41	13,070	3.70	483	8-72	36	794	-.04	22	51
34-30-0174	7583053	1408640	10-69	2	305	23,305	3.30	769	26	17,030	3.24	552	3-73	40	881	-.01	30	61
34-30-0196	6751828	1406271	12-66	4	304	17,173	3.79	650	18	15,353	3.47	533	5-72	44	596	.08	33	52
34-30-0202	6145784	1313490	9-64	6	301	21,583	3.32	717	12	15,438	3.71	573	1-72	44	997	-.08	23	60
34-30-0202	7337884	1458744	12-68	3	221	22,623	3.00	678	14	17,800	3.74	665	3-73	42	1,014	-.12	18	56
34-30-0202	7594523	1427381	2-70	1	305	18,780	3.37	632	19	16,320	3.68	600	8-72	36	919	.01	35	67
34-30-0336	7623059	1458744	8-68	1	305	19,060	3.46	660	50	14,600	3.27	478	11-71	36	757	.00	27	53
34-30-0748	7314058	1330987	9-67	3	304	21,150	3.18	672	29	15,306	3.58	548	12-71	42	938	-.02	30	63
34-30-0748	7763042	1308101	10-70	1	305	19,390	3.18	617	54	15,800	3.58	565	10-72	36	898	-.06	23	56
34-30-0783	5794975	1344455	2-63	6	283	18,852	3.76	709	15	14,925	3.65	545	2-72	37	801	.04	35	62
34-30-0783	6365861	1459996	7-65	5	305	22,358	3.78	845	35	14,932	3.65	545	5-72	44	769	.02	31	57
34-30-0783	6855638	010260599	12-61	2	305	21,070	3.19	673	19	13,325	3.63	484	8-72	40	957	-.11	18	54
34-30-0783	7104638	1426616	10-66	3	305	20,093	4.03	810	20	14,153	3.64	515	10-72	42	900	.06	41	71
34-30-0783	7405458	1427381	9-69	1	305	21,480	3.33	716	26	12,950	3.63	470	12-72	36	1,321	.01	49	95
34-32-0001	7216602	1489213	10-68	2	305	20,500	3.32	680	22	14,595	3.67	536	11-72	29	827	-.04	23	53
34-32-0019	6496494	1336050	12-65	5	305	19,480	3.39	661	21	16,400	3.58	587	3-73	44	805	-.03	24	53
34-32-0019	7213963	1500609	9-68	3	304	21,260	3.37	717	41	16,083	3.55	571	10-72	40	980	-.07	25	61
34-32-0019	7723573	1392858	11-70	1	305	22,950	3.63	832	33	15,720	3.65	573	12-72	36	738	.03	31	56
34-32-0021	6981586	1336050	4-67	4	294	18,155	3.59	652	9	14,547	3.64	530	11-72	44	810	.00	29	57
34-32-0057	6405287	1267271	7-65	5	303	18,050	3.50	632	11	13,168	3.41	449	4-72	44	811	-.03	25	54
34-32-0057	6478527	1441471	10-65	4	305	19,267	4.04	779	18	13,640	3.51	479	10-71	41	681	.07	35	57
34-32-0067	7782126	1450228	4-70	1	305	20,720	3.99	827	27	17,210	3.83	660	9-72	36	805	.00	29	57
34-32-0067	7782129	1427381	5-70	1	305	23,310	3.51	819	34	18,440	3.88	715	11-72	36	1,130	.01	42	81
34-32-0088	5744212	1125465	11-61	8	300	18,411	3.66	674	18	14,833	3.53	523	1-72	44	674	.05	32	54
34-32-0088	7002093	1336050	9-67	2	305	19,735	3.60	711	18	16,545	3.64	603	2-73	40	752	.00	27	53
34-32-0092	7298772	1458744	11-68	3	305	22,050	3.95	872	16	16,740	3.63	607	12-72	42	1,046	.05	45	80
34-32-0092	7306143	1360201	7-63	4	305	22,140	3.73	825	17	16,275	3.56	579	3-73	40	907	.03	37	68
34-32-0102	7310437	1525496	12-68	2	305	22,835	3.44	785	19	18,375	3.47	637	6-72	29	959	-.05	27	62
34-32-0102	7310439	1525496	3-69	2	305	20,720	3.81	789	21	17,935	3.55	637	9-72	29	745	.01	28	54
34-32-0102	7429709	1525496	4-69	2	303	22,215	3.19	709	20	18,125	3.59	651	10-72	29	908	-.10	17	51
34-32-0102	7429712	1525496	5-69	2	305	22,760	3.05	694	13	18,235	3.56	650	2-73	29	963	-.13	15	52
34-32-0102	7496210	1525496	8-69	2	305	25,520	3.21	820	13	18,305	3.61	660	1-73	29	1,290	-.11	29	77
34-32-0102	7619114	1399283	11-69	2	305	25,235	3.31	836	16	19,055	3.44	655	3-73	40	954	-.06	25	60
34-32-0102	7841653	1525496	7-70	1	305	23,030	3.14	722	18	17,600	3.63	639	10-72	23	901	-.10	17	51
34-32-0104	7527091	1447141	2-69	2	305	19,865	4.15	825	13	16,420	3.51	577	3-72	40	535	.14	40	55
34-32-0253	7407207	1347940	8-69	2	305	19,505	3.46	674	15	16,255	3.81	619	1-73	40	831	-.03	25	55
34-32-0272	7819320	1447414	7-70	1	305	22,720	3.49	793	11	18,260	3.78	691	1-73	36	993	-.06	27	63
34-32-0303	6940540	1290182	8-67	2	305	22,865	3.43	785	10	15,690	3.47	544	11-72	40	785	-.01	26	54
34-32-0303	6959332	1393854	12-67	4	305	20,053	3.28	657	11	15,900	3.42	544	4-73	43	618	.05	30	50
34-32-0388	7291449	1517447	10-68	1	305	21,210	3.82	811	6	16,890	3.23	545	1-73	22	556	.10	35	52
34-33-0002	6594517	1465248	3-66	4	305	20,650	3.43	709	42	17,393	3.45	600	6-72	33	778	-.03	23	51
34-33-0002	6738103	1465248	11-66	4	305	22,103	3.26	721	40	16,983	3.47	589	5-72	33	1,037	-.07	26	64
34-33-0002	6863664	1485009	3-67	4	304	22,390	3.41	763	43	17,145	3.45	592	2-73	33	1,043	-.03	33	70
34-33-0002	7644223	1399654	4-70	1	305	21,430	3.85	825	59	16,410	3.56	584	10-72	35	643	.08	36	56
34-33-0008	7583959	1406271	11-69	1	305	17,720	4.00	709	16	14,820	3.72	552	6-72	36	617	.06	32	52
34-33-0011	7039845	1336050	10-67	3	305	16,080	4.14	666	18	13,930	3.64	507	2-72	42	607	.07	32	52
34-33-0011	7650364	1470512	5-70	1	302	19,080	2.94	560	22	13,140	3.55	467	6-72	33	890	-.08	19	52
34-33-0019	6451998	1336050	10-65	5	294	17,938	3.44	617	39	14,894	3.68	548	3-72	44	762	-.03	23	50
34-33-0019	6739318	1225575	10-66	4	302	19,898	3.63	722	32	14,528	3.67	533	11-72	44	770	.01	29	56
34-33-0027	7272919	1347940	3-69	2	305	16,930	3.82	646	51	14,280	3.65	521	9-72	40	730	.02	30	55
34-33-0027	7345486	1427381	6-69	2	305	17,360	3.45	599	41	14,835	3.65	541	1-73	40	928	.02	36	68
34-33-0040	6759694	1477633	1-67	4	305	18,592	3.75	698	53	13,767	3.84	529	9-72	35	781	.00	28	55
34-33-0040	7224597	1447141	12-68	3	305	19,620	3.65	717	74	14,333	3.82	547	9-72	42	746	.04	33	58
34-33-0040	7254071	1477633	7-68	2	305	20,085	3.41	684	52	13,735	3.82	525	10-71	30	855	-.05	23	54
34-33-0047	7672910	1308101	6-70	1	305	19,110	3.86	738	6	16,120	3.74	603	5-72	36	858	-.01	30	60
34-33-0057	6393705	1330987	10-65	5	305	21,286	3.48	741	19	17,066	3.71	633	2-73	44	849	.00	31	61
34-33-0057	6991984	1417208	10-67	2	305	21,240	3.95	838	16	17,775	3.88	689	2-72	40	747	.03	31	56
34-33-0057	6991995	1261857	1-68	3	298	20,193	3.84	776	20	18,430	3.81	703	7-72	42	596	.06	31	50
34-33-0057	6991996	1360676	2-68	3	305	20,823	3.73	777	21	18,217	3.82	696	6-72	41	714	.02	28	53
34-33-0057	7363741	1447141	2-69	2	305	23,330	3.79	885	17	18,675	3.80	710	7-72	40	704	.06	35	58
34-33-0057	7753539	1427381	10-70	1	305	19,120	3.91	747	13	16,950	3.52	596	11-72	36	907	.07	44	74
34-33-0074	7496658	1447141	10-69	2	299	20,705	3.67	759	28	15,800	3.84	607	9-72	40	671	.04	30	52
34-33-0121	6941151	1451164	11-66	5	302	21,334	3.62	772	17	14,216	3.71	527	8-72	35	1,118	.00	40	79
34-33-0125	7396287	1427381	7-69	2	303	17,790	4.32	769	54	14,750	3.80	560	1-73	40	978	.11	52	83
34-33-0125	7570360	1427381	11-69	2	305	16,845	3.92	660	39	14,745	3.78	558	4-73	40	883	.06	41	70
34-33-0125	7570364	1427381	7-69	1	305	18,110	3.69	669	70	13,680	3.82	522	8-72	36	1,026	.04	43	78
34-33-0125	7662654	1427381	8-69	2	305	18,395	3.83	704	48	14,550	3.80	553	3-73	40	1,056	.05	46	82
34-33-0160	6900648	1464083	2-67	4	305	18,863	3.84	725	50	14,005	3.92	549	11-72	35	707	.01	27	51
34-33-0160	7482846	1471195	3-69	2	305	21,165	3.80	805	41	14,980	3.81	571	4-72	34	711	.02	29	53
34-33-0160	7482853	1526192	8-69	2	305	19,990	3.80	759	53	14,290	3.88	554	11-72	29	830	.01	31	60
34-33-0173	7581898	1406271	10-69	1	305	19,970	3.53	704	11	12,660	3.39	429	2-73	36	914	.04	39	70
34-33-0175	5427390	1319457	10-61	4	305	20,350	3.54	721	23	16,123	3.68	594	6-72	36	912	-.04	26	59
34-33-0175	6614064	1406271	6-66	4	300	19,028	3.98	758	22	16,198	3.61	585	5-72	44	742	.09	41	65
34-33-0175	7273211	1447141	3-69	2	305	21,630	3.56	771	14	16,610	3.63	603	3-73	40	699	.04	32	55
34-33-0225	7409635	1345461	12-68	2	305	22,720	3.51	798	54	16,310	3.45	562	11-72	40	854	.01	33	62
34-33-0251	6089123	1148993	12-63	5	305	18,116	4.48	811	10	15,350	3.95	607	7-72	43	558	.12	38	55

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
34-33-0251	7053375	1148993	5-68	2	305	20,920	3.90	815	10	16,105	4.04	650	12-72	39	718	.02	29	$ 54
34-33-0251	7053377	1480778	1-68	2	305	20,275	4.86	986	12	15,845	4.16	659	9-72	30	667	.16	49	68
34-33-0251	7769816	1535914	9-69	1	305	22,840	4.07	929	10	15,020	4.30	646	6-72	19	751	.02	30	56
34-33-0331	6502440	1401691	4-66	3	305	19,333	3.77	729	6	14,740	3.62	534	3-73	37	660	.04	30	52
34-33-0679	6933299	1336050	8-67	1	305	21,000	3.66	768	11	13,920	3.58	499	11-72	36	931	.01	35	67
34-33-0835	6968375	1417208	8-67	3	305	19,040	3.77	717	26	14,867	3.64	541	4-72	42	805	.03	33	60
34-34-0046	7717520	1447414	9-70	1	304	16,510	3.64	601	37	13,290	3.69	491	9-72	36	827	-.03	25	55
34-34-0108	7459640	1347940	12-69	1	305	19,080	3.67	700	42	16,530	3.52	582	6-72	36	716	.01	28	53
34-34-0126	7315449	1347940	4-69	1	305	17,960	3.61	649	25	13,960	3.88	541	8-71	36	786	-.01	27	55
34-34-0152	7080716	1496960	2-68	3	305	21,773	3.70	806	25	16,160	3.50	566	8-72	29	844	.04	36	65
34-34-0158	7144110	1484114	10-67	3	305	21,066	3.22	678	12	15,440	3.46	534	4-73	32	790	-.04	22	51
34-34-0581	6178363	1434538	9-64	6	299	17,868	3.37	603	21	12,813	3.71	476	1-73	36	875	-.06	22	54
34-35-0003	7494845	1447141	12-69	1	305	21,440	4.20	900	22	17,380	3.69	642	2-72	36	503	.11	35	50
34-35-0003	7870202	1308101	12-70	1	305	18,710	3.58	669	33	17,080	3.57	610	1-73	36	771	-.02	24	51
34-37-0004	7436140	1427381	9-69	1	305	17,080	3.68	629	25	14,870	3.76	559	12-72	36	879	.04	38	68
34-37-0004	7436141	1427381	10-69	2	305	18,190	3.65	664	20	15,850	3.65	579	12-72	40	930	.04	40	71
34-37-0018	6268456	1444563	9-64	6	305	20,228	3.59	727	27	15,180	3.65	554	4-72	32	818	.00	29	58
34-37-0062	5986351	1259069	10-63	5	305	21,150	3.54	749	12	15,934	3.65	581	5-72	44	828	-.04	24	54
34-37-0065	6880506	1496969	7-67	3	305	19,700	3.59	707	16	15,267	3.61	551	10-72	33	763	.00	28	54
34-37-0092	7535760	1427381	2-70	1	305	16,810	3.41	573	15	14,770	3.60	532	4-72	36	864	.03	35	64
34-37-0092	7724638	1447414	10-70	1	285	16,830	3.55	597	17	14,150	3.71	525	11-72	36	799	-.04	23	52
34-37-0216	6430631	1330987	7-65	4	305	17,237	3.54	610	14	13,175	3.62	477	6-72	44	711	.03	30	54
34-37-0216	7519284	1427381	9-69	2	305	16,890	3.52	595	21	13,770	3.67	505	10-72	40	967	.03	39	72
34-37-0216	7591170	1427381	12-69	1	305	16,720	3.64	609	17	14,060	3.71	522	7-72	36	900	.04	38	68
34-38-0016	7596351	1427381	3-70	1	305	17,050	4.35	742	7	13,800	3.95	545	12-72	36	940	.08	47	78
34-38-0070	7035793	1336050	12-67	2	305	16,430	3.76	618	37	12,820	3.94	505	8-72	40	719	-.01	25	50
34-38-0076	6453512	1365400	1-66	5	302	17,890	3.24	579	81	12,328	3.56	439	1-73	38	911	-.08	20	54
34-38-0076	7371357	1320310	6-69	2	292	15,995	3.50	560	73	11,690	3.55	415	12-72	40	926	-.04	27	60
34-38-0076	7371362	1406271	6-69	2	305	15,840	3.55	563	67	11,470	3.50	402	12-72	40	754	.04	33	58
34-38-0076	7371364	1406271	7-69	2	300	15,310	3.98	609	71	11,220	3.53	396	12-72	40	721	.08	38	61
34-38-0076	7571751	1535408	2-70	1	305	16,770	3.42	573	117	11,220	3.54	397	4-72	23	748	-.02	24	51
34-38-0076	7571752	1535408	2-70	1	305	18,010	3.59	646	106	11,620	3.52	409	5-72	23	832	.00	30	59
34-38-0076	7646627	1406271	7-70	1	305	18,030	3.77	680	72	12,490	3.53	441	12-72	36	779	.05	36	62
34-38-0076	7646632	1535408	5-70	1	305	16,900	3.49	590	36	10,800	3.47	375	8-72	23	791	-.01	27	55
34-38-0076	7646635	1535408	6-70	1	288	18,760	3.60	675	36	10,800	3.47	375	8-72	23	959	.00	35	68
34-38-0076	7646637	1535408	6-70	1	305	15,450	3.88	599	36	10,800	3.47	375	8-72	23	659	.03	28	50
34-38-0076	7744904	1535408	6-70	1	273	16,630	3.29	547	36	10,800	3.47	375	8-72	23	766	-.03	23	50
34-38-0101	7621768	1447414	7-70	1	304	17,900	3.76	673	52	14,250	3.62	516	9-72	36	873	-.02	29	60
34-38-0101	7621769	1447414	7-70	1	305	17,350	3.78	655	55	14,300	3.59	513	8-72	36	829	-.01	28	57
34-38-0101	7629300	1447414	8-70	1	305	17,190	3.49	600	52	14,250	3.62	516	9-72	36	820	-.04	23	53
34-38-0101	7664662	1447414	9-70	1	305	16,680	3.48	581	48	14,270	3.66	522	10-72	36	781	-.04	22	50
34-38-0101	7664663	1447414	9-70	1	305	16,910	3.78	640	52	14,250	3.62	516	9-72	36	799	-.02	26	54
34-38-0213	6153344	1267271	8-64	2	305	21,675	3.34	723	30	14,575	3.49	509	10-71	40	954	-.06	25	60
34-39-0014	7356480	1347940	3-69	2	305	17,150	3.69	633	20	15,385	3.46	533	8-72	40	662	.03	28	50
34-39-0014	7356483	1347940	5-69	2	294	18,820	3.10	584	20	15,225	3.48	530	7-72	40	845	-.05	23	54
34-39-0014	7417109	1521261	8-69	2	305	23,550	3.44	811	24	15,215	3.51	534	9-72	35	945	-.01	33	66
34-41-0043	7556520	1447414	8-69	1	305	19,000	3.15	599	13	15,010	3.74	561	9-72	36	910	-.08	21	55
34-41-0068	6612254	1336050	5-66	5	305	20,122	3.38	680	53	16,382	3.67	601	1-73	44	890	-.04	26	58
34-41-0068	7179785	1393854	5-68	3	305	20,603	4.23	871	63	16,933	3.60	609	2-73	42	552	.19	48	63
34-41-0079	5203250	1232296	8-60	10	305	20,023	3.54	708	40	14,915	3.77	562	11-72	44	960	.03	39	72
34-41-0079	5950336	1267271	10-63	6	305	19,325	4.02	776	28	15,875	3.79	602	10-71	44	696	.02	28	52
34-41-0079	6262046	1427323	10-64	6	305	22,343	3.69	825	35	15,227	3.76	573	11-72	35	1,131	.01	42	81
34-41-0079	6937069	1336050	9-67	3	305	19,866	3.63	722	27	15,410	3.77	581	8-72	42	906	-.01	31	63
34-41-0079	6974342	1410117	7-67	4	302	21,773	3.47	755	37	15,733	3.76	592	1-73	44	804	-.03	25	54
34-41-0079	7266942	1517335	10-68	3	305	22,693	3.42	775	13	15,630	3.85	602	4-73	32	1,132	-.08	28	69
34-41-0114	7887030	1450228	10-70	1	305	21,700	3.12	677	47	13,440	3.42	460	9-72	36	1,103	-.06	30	70
34-41-0171	6691014	1336050	10-66	3	305	18,753	3.60	675	8	16,043	3.66	587	2-72	42	720	-.01	25	50
34-41-0171	7588860	1500609	10-69	1	305	22,020	3.64	802	13	15,150	3.56	540	7-72	33	906	-.04	27	59
34-41-0181	7212262	1336050	6-68	3	299	19,090	3.69	704	7	16,260	3.70	601	10-72	42	739	.00	27	53
34-41-0196	7321813	1447141	10-68	3	305	22,353	3.61	808	18	18,823	3.59	675	12-72	42	647	.06	32	53
34-41-0201	7484691	1406271	11-69	1	305	18,560	3.99	741	46	12,910	3.66	473	6-72	36	794	.07	39	65
34-41-0208	5852076	1377876	5-63	6	305	19,302	4.09	789	18	15,468	3.63	562	2-72	36	570	.10	35	53
34-41-0208	7544305	010275932	3-68	3	305	26,143	4.09	1069	26	14,553	3.63	528	10-72	42	1,442	.11	69	117
34-41-0237	7022804	1413165	11-67	3	277	20,707	3.50	724	16	15,850	3.59	569	4-72	B 42	893	-.09	18	51
34-41-0238	7015569	1438632	8-67	3	305	18,403	4.22	777	21	14,953	3.46	518	4-72	29	501	.13	37	51
34-41-0238	7187558	1465987	8-68	3	305	19,260	3.63	699	29	14,896	3.65	544	10-72	33	776	-.03	23	51
34-44-0119	5694225	1383004	8-62	6	305	23,785	3.94	938	73	16,938	3.70	626	12-72	44	897	.15	55	83
34-44-0119	5701992	1237057	11-62	7	286	21,227	3.61	767	57	16,491	3.76	620	9-72	44	841	-.05	23	53
34-44-0119	6317305	1148993	2-65	5	305	20,864	3.78	788	58	15,744	3.72	586	10-72	43	878	.03	37	67
34-44-0119	6330796	1430145	11-64	6	305	22,416	3.60	807	57	16,918	3.68	623	11-72	44	983	.00	35	69
34-44-0119	6622560	010229512	2-64	2	216	21,450	3.71	795	39	16,490	3.81	628	1-73	40	628	.06	32	52
34-44-0119	6823499	010229512	9-64	3	305	22,103	3.95	873	63	16,280	3.70	602	2-72	42	798	.11	46	71
34-44-0119	7060756	010229512	9-62	3	305	20,407	3.77	769	76	16,507	3.71	612	5-72	42	580	.08	33	51
34-44-0119	7076280	010229512	2-63	4	305	25,048	3.44	861	63	17,143	3.67	629	12-72	43	1,126	.02	43	82
34-44-0119	7126425	010288790	7-68	2	305	19,475	3.86	751	75	16,740	3.67	614	5-72	38	620	.09	36	55
34-44-0119	7167607	010229512	11-62	4	305	23,520	3.83	901	69	16,795	3.70	622	9-72	43	971	.09	49	81
34-44-0119	7395272	010288790	5-67	3	305	19,380	3.69	715	81	16,330	3.66	598	7-72	41	682	.07	35	57
34-44-0119	7409073	010288790	9-66	2	305	21,685	4.62	1001	61	17,395	3.77	655	2-73	38	797	.20	59	82
34-44-0119	7410485	010229512	10-62	3	305	20,523	4.05	832	75	16,490	3.71	611	6-72	42	595	.12	40	58
34-44-0119	7547218	010288790	6-66	2	305	22,730	3.75	853	48	17,330	3.62	628	10-71	38	911	.09	46	76
34-44-0142	7482163	1427381	11-69	1	305	17,920	3.81	682	30	14,370	3.70	531	7-72	36	971	.05	43	76
34-44-0142	7584712	1427381	3-70	1	286	15,960	3.70	590	30	14,370	3.70	531	7-72	36	825	.04	36	64
34-44-0142	7584713	1427381	3-70	1	305	17,680	3.43	607	23	14,700	3.67	539	12-72	36	933	.02	37	69
34-44-0190	6881211	1393854	8-67	4	305	22,093	3.63	802	18	17,425	3.55	618	3-73	43	720	-.10	41	64
34-44-0190	6912826	1484904	8-67	4	305	23,235	3.42	795	18	17,110	3.55	608	1-73	40	1,116	-.06	30	71

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
34-44-0190	7142594	1458744	9-68	2	305	21,730	3.67	797	22	17,575	3.60	632	4-72	40	881	.00	32	$ 63
34-44-0234	6846333	1407817	5-67	4	301	22,440	3.72	834	13	16,563	3.50	580	8-72	44	782	.05	36	62
34-44-0270	7819311	1320310	5-69	2	305	18,955	3.17	600	18	15,175	3.72	564	9-72	40	943	-.10	19	54
34-44-0270	7841317	1308101	8-70	1	305	19,770	3.53	698	20	15,900	3.81	605	10-72	36	920	-.04	27	60
34-44-0284	6528671	1336050	1-66	5	305	24,058	3.34	803	7	16,460	3.52	579	2-73	44	1,390	-.04	44	93
34-44-0284	7073858	1347940	2-68	2	305	19,955	3.71	741	6	17,080	3.52	601	12-72	40	810	.03	33	61
34-44-0860	7139107	1290182	9-67	3	305	32,383	2.88	934	10	20,536	3.37	693	1-73	42	1,532	-.14	33	90
34-44-0860	7457966	1399654	5-68	3	305	22,420	3.86	865	16	20,480	3.37	690	12-72	42	578	.13	40	57
34-44-0860	7741478	1447414	7-70	1	305	22,770	3.66	834	13	20,980	3.50	734	3-73	36	835	-.01	28	57
34-44-0860	7963763	1347940	12-69	1	305	25,620	2.85	731	18	19,040	3.25	618	8-72	36	1,054	-.06	28	66
34-46-0005	6397154	1330987	12-64	5	304	17,228	3.71	640	30	14,400	3.49	502	9-72	44	600	.06	31	50
34-46-0011	6348149	1261857	1-65	4	305	18,705	4.30	805	48	14,363	3.71	533	10-72	44	828	.14	52	77
34-46-0011	7926460	1556985	1-70	1	305	22,620	4.27	966	44	14,510	3.74	543	10-72	19	769	.09	41	66
34-46-0066	6813268	1402662	6-65	6	301	18,738	3.24	608	6	13,155	3.53	465	7-72	37	917	-.08	20	54
34-46-0072	7575853	1393997	1-70	2	305	18,840	3.37	635	10	13,120	3.87	508	4-73	40	862	-.04	25	56
34-46-0085	6261129	1450332	11-64	5	305	18,904	3.88	734	29	15,294	3.41	522	1-73	32	594	.08	34	53
34-46-0086	7576972	1347940	2-70	1	305	18,360	3.50	642	22	15,250	3.61	550	10-72	36	739	.00	26	52
34-46-0086	7625494	1347940	4-70	1	305	18,420	3.38	623	33	15,280	3.64	556	8-72	36	742	-.02	24	50
34-46-0132	6259977	1303180	10-64	5	302	19,864	3.46	688	27	14,788	3.50	518	3-72	36	853	.00	30	60
34-46-0132	7159772	1330987	9-66	3	305	19,570	3.46	677	26	15,210	3.45	525	8-72	42	765	.03	32	58
34-46-0132	7277301	1458744	10-68	2	305	18,295	3.50	640	40	15,035	3.55	534	3-73	40	739	-.02	24	50
34-46-0132	7325035	1516004	3-69	1	305	18,830	3.86	727	41	14,350	3.68	528	10-71	31	721	-.01	25	50
34-46-0132	7325036	1516004	3-69	1	305	24,650	3.03	747	40	15,210	3.62	550	11-71	31	1,139	-.10	25	67
34-46-0132	7432001	1516004	7-69	2	305	20,185	3.71	748	43	15,695	3.56	558	1-73	35	851	-.01	29	59
34-46-0132	7452998	1515214	7-69	2	305	22,830	3.35	764	53	15,805	3.57	565	12-72	25	919	-.04	27	60
34-46-0132	7479513	1458744	10-69	2	305	20,890	3.44	719	40	16,380	3.53	578	2-73	40	893	-.02	29	61
34-46-0132	7686635	1450228	10-70	1	305	19,550	3.64	711	39	16,230	3.46	562	2-73 H	36	776	-.01	26	53
34-46-0132	7732020	1458744	10-70	1	305	21,110	3.12	658	48	16,080	3.54	569	1-73	36	822	-.06	21	51
34-46-0133	4950957	1029659	9-59	7	297	16,690	4.40	734	25	14,109	3.66	516	2-72	44	578	.11	37	55
34-46-0133	6501384	1406515	9-64	5	305	19,250	3.90	751	29	15,188	3.51	533	11-72	32	662	.07	35	56
34-46-0133	6528883	1347940	11-65	5	266	20,448	4.35	890	29	17,000	3.85	655	7-72	44	942	.10	50	80
34-46-0133	6741617	1261857	7-66	2	305	20,045	3.72	746	47	16,010	3.69	590	6-72	40	754	.06	37	62
34-46-0133	6865637	1347940	6-67	3	305	21,220	3.64	773	39	15,003	3.69	553	8-72	42	1,176	.00	42	83
34-46-0133	7468445	1427615	12-69	2	305	23,015	3.37	775	43	16,055	3.48	559	3-73	40	1,175	-.11	25	69
34-46-0133	7522465	1392858	11-69	2	173	23,400	3.19	746	25	16,700	3.47	580	3-73	40	894	-.03	28	60
34-46-0133	7528966	1406271	9-69	1	305	22,410	3.03	680	28	17,480	3.44	601	3-73	36	808	-.01	27	55
34-46-0133	7565100	1491007	2-70	1	305	18,700	3.90	730	44	15,790	3.77	595	7-72	35	748	.03	31	56
34-46-0133	7677073	1347940	4-70	1	305	19,040	3.38	644	39	15,390	3.70	570	8-72	36	781	-.02	25	53
34-46-0133	7839826	1458744	11-70	1	305	21,000	3.40	715	43	17,000	3.43	583	1-73	36	759	-.01	25	52
34-46-0141	6467536	1445126	9-65	5	278	19,970	3.41	681	17	14,256	3.56	508	9-72	32	894	-.03	27	59
34-46-0190	7250380	1386406	1-69	2	305	19,830	3.75	743	18	15,200	3.55	539	5-72	40	682	.04	30	53
34-46-0190	7251103	1347940	1-69	2	305	22,515	4.00	901	18	15,065	3.48	525	5-72	40	1,233	.07	56	97
34-46-0231	6713900	1464924	10-66	4	267	18,543	4.06	753	45	15,778	3.61	570	7-72	33	598	.10	37	55
34-46-0231	7835819	1525269	8-70	1	305	29,190	4.10	1197	27	13,900	3.45	480	1-73	19	1,439	.10	68	116
34-46-0231	8115444	1553780	12-70	1	305	23,130	3.93	909	25	14,100	3.45	487	2-73	19	848	.06	40	68
34-46-0459	6063091	1390540	12-63	5	305	18,034	4.33	781	10	15,118	3.66	554	2-73	39	450	.19	45	56
34-46-0459	7111543	1261857	5-68	3	288	18,300	3.84	702	16	15,527	3.79	589	1-73	42	645	.06	33	54
34-46-0487	6623707	1336050	6-66	3	304	22,710	3.36	762	19	16,810	3.44	579	8-71	42	1,105	-.02	36	75
34-46-0620	5519331	1368083	12-61	6	305	18,947	3.97	753	23	14,708	3.41	502	10-72	34	672	.14	45	65
34-46-0667	7134215	1399654	8-68	2	305	26,650	3.62	966	14	18,515	3.71	687	3-73	40	1,132	.05	48	86
34-46-0667	7200895	1399654	7-68	3	305	21,900	3.36	735	12	17,743	3.73	661	3-73	42	772	.00	28	55
34-46-0667	7773348	1399824	1-71	1	305	24,920	3.87	965	6	21,830	3.67	802	3-73	36	673	.05	32	54
34-47-0014	7328174	1470512	11-68	1	305	18,450	3.50	645	15	13,880	3.70	514	8-72	33	795	-.04	22	51
34-47-0055	6690524	1330987	12-66	4	282	18,000	3.96	712	9	15,415	3.71	572	6-72 B	44	584	.08	33	51
34-47-0055	7195098	1458744	3-68	3	220	19,726	3.32	654	25	15,710	3.63	571	11-72 B	42	873	-.05	23	55
34-47-0071	6015952	1400256	1-64	7	297	18,660	3.78	706	6	14,151	3.70	523	5-72	36	851	.01	32	61
34-47-0135	6275788	1400256	11-64	6	302	20,033	3.55	712	9	16,172	3.64	588	11-72	36	815	-.03	25	54
34-47-0135	7172573	1423128	7-68	2	305	19,730	3.40	670	13	15,260	3.54	540	5-72	33	743	-.01	25	51
34-47-0672	6664660	1441200	7-66	4	305	20,192	3.38	683	27	15,097	3.63	548	3-73	35	974	-.06	26	61
34-47-0672	6740614	1261857	1-67	4	305	18,245	3.78	689	42	15,625	3.64	569	10-72	44	647	.07	34	55
34-49-0004	7526437	1447141	12-69	1	305	19,900	3.97	791	18	14,190	3.78	536	8-72	36	578	.08	33	51
34-52-0001	6879434	1467785	5-67	3	305	19,853	3.72	738	10	14,627	3.74	547	1-72	32	758	.00	28	54
34-52-0001	6996960	1496967	12-67	3	305	19,976	3.42	684	16	15,200	3.77	573	5-72	32	827	-.06	20	50
34-52-0001	7876770	1496967	12-70	1	305	22,180	3.27	725	5	15,290	3.59	549	3-73	23	815	-.06	20	50
34-53-0010	7026520	1410117	12-67	3	305	22,470	3.82	859	16	16,940	3.82	647	4-73	42	721	.03	31	55
34-53-0010	7445244	1347940	7-69	2	305	22,910	3.65	837	23	17,290	4.09	708	3-73	40	1,092	-.03	34	73
34-53-0030	7320184	1447141	11-68	2	305	20,175	3.99	804	25	16,735	3.70	620	7-72	40	541	.10	34	51
34-53-0030	7664796	1427381	7-70	1	305	18,970	3.85	731	33	16,880	3.75	633	8-72	36	900	.06	41	71
34-53-0052	6935864	1407817	7-67	4	290	20,648	3.45	712	26	14,723	3.60	530	1-73	44	742	-.01	25	51
34-54-0006	6511537	1412376	4-64	7	305	20,859	4.01	837	16	16,216	3.59	582	6-72	35	788	.08	41	66
34-54-0015	6697192	1336050	7-66	3	305	22,610	3.30	746	9	16,676	3.71	618	7-72	42	1,105	-.06	31	71
34-54-0015	6948615	1336050	5-67	3	305	18,370	3.59	660	5	15,533	3.68	572	5-72	42	723	-.01	25	50
34-54-0015	7107654	1336050	3-68	3	305	19,650	3.99	784	10	17,093	3.76	642	8-72	42	727	.04	33	57
34-54-0066	6905782	1336050	9-66	4	300	20,927	3.23	676	9	16,187	3.50	567	5-72	44	991	-.05	28	64
34-54-0066	6905785	1336050	10-66	4	300	21,012	3.31	695	9	16,465	3.52	580	5-72	44	974	-.04	29	64
34-54-0495	7521269	1383004	6-69	2	305	26,025	3.48	905	13	17,920	3.84	688	1-73	40	840	.05	38	66
34-55-0024	5431365	1338631	10-61	9	305	20,917	3.88	811	22	14,522	3.76	546	4-73	34	1,069	.05	46	82
34-55-0024	7467340	1532258	8-69	2	305	23,580	3.71	875	26	16,370	3.83	627	11-72	30	850	.00	31	61
34-55-0068	6206987	1408030	8-64	5	305	16,530	4.27	706	11	12,980	3.74	485	11-72	36	619	.12	41	60
34-55-0074	7863355	1365341	1-71	1	305	20,300	3.92	796	7	14,290	3.80	543	12-72	36	948	.01	35	68
34-56-0042	6937748	1336050	10-67	3	305	18,620	3.44	640	38	14,390	3.53	508	1-73	42	857	-.01	29	59
34-56-0042	6946114	1336050	7-67	4	305	16,597	3.76	624	27	14,302	3.46	495	12-72	44	642	.04	29	50
34-57-0017	8048856	1352979	4-71	1	288	24,630	3.63	893	10	17,950	3.79	680	3-73	36	850	-.07	20	51
34-58-0035	6507945	1336050	1-66	4	295	17,502	4.13	723	24	14,955	3.53	528	10-72	44	690	.09	38	60
34-58-0072	6669266	1463788	11-65	4	305	23,255	3.25	756	9	17,550	3.53	619	1-73	34	1,014	-.11	20	58

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O W I N D E X..... REPT O	MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
34-58-0072	7656532	1427381	4-70	1	305	20,350	3.43	699	24	17,250	3.29	568	12-72	36	980	.04	42	$ 75
34-58-0072	7674804	1427381	2-70	1	305	18,840	3.94	742	29	17,040	3.30	562	10-72	36	880	.09	46	74
34-58-0072	7674805	1330987	2-70	1	305	21,450	3.43	735	27	17,290	3.26	564	9-72	36	625	.04	29	50
34-58-0072	7744030	1450228	6-70	1	305	21,750	3.22	700	27	16,970	3.30	560	10-72	36	896	-.04	26	58
34-59-0071	7595654	1450228	2-70	1	305	17,820	3.57	636	13	14,180	3.62	513	4-72	36	769	-.02	24	51
34-59-0071	7595655	1450228	4-70	1	305	19,350	3.62	701	11	13,420	3.64	489	6-72	36	929	-.02	30	63
34-61-0001	7061001	1399654	12-67	1	305	19,840	4.17	827	31	13,300	3.71	494	8-71	35	711	.11	42	64
34-61-0001	7134211	1399654	6-68	3	305	17,046	4.22	720	25	14,476	3.79	549	3-73	42	511	.12	36	51
34-61-0005	5782229	1391225	12-62	7	305	19,170	3.97	761	19	14,813	3.71	549	9-72	32	697	.06	35	58
34-61-0005	7418302	1347940	4-69	2	305	18,200	3.82	696	17	14,985	3.78	567	12-72	40	801	.01	31	59
34-61-0005	7437736	1347940	5-69	2	305	18,795	3.67	689	17	15,510	3.76	583	1-73	40	819	.00	29	58
34-61-0005	7593356	1447414	9-69	1	305	16,730	3.54	593	23	14,180	3.82	542	9-72	36	790	-.05	21	50
34-61-0005	7593360	1447414	5-70	1	305	19,420	3.87	752	15	15,130	3.71	561	1-73	36	934	-.01	32	65
34-62-0003	6860240	1417208	2-67	3	305	18,807	3.63	683	16	13,917	3.84	535	9-72	42	866	-.01	30	60
34-62-0003	6930250	1417208	9-67	4	305	18,030	3.43	618	18	14,010	3.87	542	1-73	44	794	-.04	22	51
34-62-0025	7975192	1406271	12-69	1	305	21,850	2.86	626	16	14,100	3.61	509	11-72	36	968	-.04	28	63
34-62-0034	6107924	1267271	2-64	5	303	21,998	3.76	827	11	16,202	3.77	611	12-72	44	1,007	-.02	33	69
34-62-0034	7129690	1399654	8-68	3	302	21,713	4.01	871	16	17,503	3.76	658	2-73	42	773	.11	44	68
34-62-0034	7262470	1261857	3-69	2	305	20,035	3.81	764	17	16,780	3.80	638	3-73	40	690	.06	34	57
34-62-0034	7366640	1427381	1-69	2	305	19,825	3.21	637	20	17,005	3.74	636	12-72	40	1,002	-.03	32	68
34-62-0034	7498350	1427381	5-69	2	305	24,170	3.35	809	20	17,005	3.74	636	12-72	40	1,443	-.01	50	101
34-62-0034	7498352	1427381	8-69	1	305	21,250	3.72	791	18	18,030	3.75	677	10-71	36	1,001	.04	43	77
34-62-0034	7536400	1427381	7-69	1	305	27,490	3.83	1053	20	18,180	3.88	706	1-72	36	1,457	.05	60	110
34-62-0034	7536402	1427381	8-69	1	305	21,560	3.95	852	18	18,030	3.75	677	10-71	36	1,024	.07	47	81
34-62-0511	6768085	1261857	3-67	4	305	16,308	3.77	615	16	13,113	3.70	485	2-73	44	656	.06	33	54
34-62-0511	7277562	1427381	9-68	1	305	29,290	3.84	1125	18	14,020	3.78	530	11-71	36	1,839	.06	76	139
34-62-0511	7305904	1347940	4-69	1	305	19,830	3.34	662	18	14,630	3.77	552	11-71	36	885	-.03	27	59
34-62-0511	7414212	1427381	9-69	2	305	17,080	3.95	675	20	13,330	3.68	491	2-73	40	1,022	.07	48	82
34-62-0511	7523902	1242221	3-70	1	305	16,400	3.88	637	12	12,720	3.60	458	7-72	34	917	.03	37	68
34-62-0547	7051213	1489124	3-68	2	272	22,595	2.97	672	6	16,745	3.52	589	12-72	B 30	948	-.11	17	53
34-62-0642	6802467	1336050	2-67	2	305	17,490	4.38	766	19	14,660	3.77	553	5-72	40	677	.08	37	59
34-62-0643	7211154	1427381	8-68	2	305	19,330	3.66	708	10	15,690	3.63	569	7-72	40	1,058	.04	45	81
34-62-0643	7479073	1464901	11-69	2	284	22,690	3.80	863	5	17,285	3.82	660	3-73	38	1,135	-.01	39	79
34-63-0016	5873413	1399654	8-63	4	305	20,555	3.49	718	15	15,872	3.64	578	3-72	43	824	.03	34	62
34-63-0016	6079122	1421321	1-64	7	303	22,814	3.64	830	21	17,226	3.70	637	6-72	36	1,228	-.03	40	83
34-63-0016	6169936	1399654	7-64	3	305	21,320	3.58	763	23	17,763	3.78	671	8-72	42	703	.03	30	54
34-63-0016	6200204	1175471	4-64	6	305	22,043	4.03	889	22	16,653	3.73	621	7-72	44	852	.10	46	73
34-63-0016	6812106	1441440	3-67	3	259	24,373	3.91	952	13	16,836	3.75	631	11-72	42	1,214	.07	54	95
34-63-0016	6926129	1441440	5-67	4	303	18,450	3.90	719	42	16,007	3.85	616	10-72	44	625	.04	29	50
34-63-0016	6951034	1471956	11-67	3	301	20,950	3.79	794	23	18,533	3.67	681	12-72	41	693	.01	27	51
34-63-0016	7061003	1087974	1-68	3	305	19,693	4.43	872	18	16,840	3.62	610	3-72	42	700	.12	44	65
34-63-0016	7403319	1399824	3-69	2	305	22,185	4.99	1106	27	18,350	3.84	704	8-72	40	780	.20	59	81
34-63-0016	7464714	1399654	1-70	1	305	22,460	4.08	916	29	18,770	4.00	751	9-72	35	579	.08	33	51
34-63-0016	7627031	1458744	7-70	1	305	27,790	3.74	1039	14	19,920	3.87	770	1-73	36	1,091	-.01	38	76
34-63-0016	7654120	1428104	5-70	1	305	24,720	3.69	911	28	17,310	3.95	683	7-72	36	1,058	-.08	25	64
34-63-0016	7703830	1417208	8-70	1	305	26,790	3.72	997	14	19,980	3.87	773	1-73	36	939	.00	34	67
34-63-0033	7792474	1406271	6-70	1	305	20,330	4.06	825	55	16,220	3.53	573	9-72	36	728	.08	39	62
34-63-0048	6776564	1336050	4-66	5	305	18,742	3.56	667	10	15,318	3.71	568	3-73	44	822	-.02	27	56
34-63-0048	7788892	1406271	5-70	1	305	21,510	3.47	747	12	16,580	3.82	634	11-72	36	795	.01	30	57
34-63-0148	7838493	1427381	6-69	2	305	21,305	3.78	806	20	15,510	3.62	562	8-72	40	1,274	.06	55	98
34-63-0148	7854054	1427381	7-69	2	305	18,485	3.85	711	16	16,110	3.69	594	10-72	40	939	.06	43	74
34-63-0162	7148559	1427381	9-68	1	305	17,000	3.68	625	11	13,360	3.71	496	8-72	36	963	.04	41	74
34-63-0162	8060482	1427381	2-70	1	302	18,190	3.94	717	9	14,010	3.77	528	6-72	36	1,013	.06	46	80
34-64-0070	6547865	1336050	1-66	3	297	16,910	3.68	622	36	13,786	3.63	500	7-72	42	716	.01	27	52
34-64-0070	6954251	1511007	11-67	4	305	21,378	3.14	671	25	15,888	3.51	558	1-73	30	873	-.08	19	51
34-64-0070	7171757	1291784	6-68	2	305	20,620	3.60	743	19	16,095	3.40	547	3-73	40	657	.04	30	52
34-64-0070	7503340	1347940	2-70	1	300	17,820	3.91	696	41	13,580	3.48	473	8-72	36	798	.03	34	61
34-65-0003	6964663	1470512	9-67	3	305	17,660	3.79	670	10	13,226	3.76	497	9-72	40	902	-.01	31	63
34-65-0031	7440415	1427381	8-69	1	305	19,750	3.67	725	22	14,150	3.67	519	6-72	36	1,120	.04	47	85
34-65-0046	7563272	1458744	2-70	1	305	24,030	3.28	788	26	16,140	3.55	573	11-72	36	1,036	-.04	31	68
34-67-0267	5997533	1244845	11-62	4	304	22,628	3.42	775	15	16,340	3.61	590	3-72	44	1,009	-.06	27	64
34-67-0267	7066150	1381027	12-67	3	305	23,733	3.51	832	17	17,127	3.68	630	6-72	42	707	.00	25	50
34-67-0267	7916364	1427381	2-71	1	305	16,040	3.91	627	18	14,460	3.73	540	11-72	36	826	.06	39	66
34-67-0280	6854434	1383004	8-67	3	305	22,337	3.81	852	12	17,920	3.60	645	4-72	42	537	.13	39	55
34-67-0356	5371526	1338931	3-61	3	305	19,477	4.17	813	11	13,510	3.58	484	5-72	31	869	.10	47	75
34-67-0356	7141511	1447141	12-66	2	304	18,830	3.98	750	10	14,345	3.57	512	1-73	40	599	.10	37	55
34-70-0002	5193132	1338631	9-60	9	305	22,566	3.54	799	39	16,938	3.57	605	11-72	34	1,026	.00	37	73
34-70-0002	6602596	1466275	7-66	4	305	24,090	3.58	862	34	17,545	3.63	637	5-72	35	1,100	.00	40	78
34-70-0002	6679584	1363849	8-66	5	303	24,910	3.52	876	39	18,502	3.62	670	2-73	38	1,036	-.03	33	70
34-70-0002	7019489	1301736	10-67	3	305	21,103	3.59	757	37	16,986	3.64	618	11-72	36	744	-.02	23	50
34-70-0002	7490325	1427381	10-69	1	305	21,940	3.42	750	45	18,020	3.55	639	2-72	36	1,053	.03	42	78
34-70-0080	7763333	1544938	7-70	1	305	22,080	3.76	831	21	15,450	3.71	573	7-72	22	685	.01	26	50
34-70-0094	6959734	1393854	11-67	3	305	18,753	3.86	723	27	14,670	3.82	561	9-72	42	547	.11	36	52
34-70-0104	7510495	010275932	7-69	2	305	22,645	3.84	869	15	14,335	3.82	548	11-72	40	951	.04	40	72
34-70-0116	4341355	1087974	1-57	9	305	19,100	3.94	752	12	16,904	3.66	618	9-72	44	651	.05	31	52
34-70-0116	5321759	1232296	10-60	8	303	19,326	3.78	730	17	16,753	3.56	596	1-72	44	681	.09	38	60
34-70-0116	7195764	1410117	12-67	3	305	23,927	3.43	821	13	18,307	3.68	673	8-72	42	762	-.02	24	51
34-70-0116	7195777	1399654	7-68	3	300	19,483	4.21	820	18	17,866	3.78	675	12-72	42	479	.12	36	50
34-70-0116	7201886	1500609	10-68	3	305	22,736	3.43	780	10	19,013	3.71	706	10-72	40	876	-.07	20	52
34-70-0116	7201888	1500609	10-68	3	305	22,513	3.60	810	10	18,760	3.74	701	11-72	40	874	-.05	24	56
34-70-0123	6029777	1189870	1-64	6	305	20,573	4.08	840	15	17,238	3.82	658	1-72	44	653	.07	34	55
34-70-0123	6145684	1367170	6-64	6	305	24,868	3.57	888	9	17,433	3.76	656	4-72	37	1,182	-.02	39	81
34-70-0123	7747964	1427381	11-69	1	305	21,800	3.92	855	9	17,970	3.91	702	4-72	36	1,046	.05	46	81
34-70-0132	6973940	1261857	11-67	3	303	19,577	3.77	739	8	15,907	3.64	579	3-73	42	757	.08	39	63
34-70-0245	7655185	1399654	1-69	2	293	18,520	4.48	829	26	15,540	3.73	579	10-72	40	545	.15	43	58

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
34-70-0300	7095584	1427381	7-68	3	230	18,193	3.88	705	20	14,856	3.93	584	10-72	B	42	1,034	.04	44	$ 79
34-70-0354	6758396	1479763	10-66	3	305	24,350	3.26	795	14	16,840	3.51	591	3-73		29	1,134	-.06	31	72
34-70-0354	7262974	1521994	8-68	1	305	24,260	3.22	781	26	16,150	3.47	560	8-71		23	884	-.05	24	56
34-70-0354	7520916	1393997	9-69	1	305	20,210	3.62	731	49	15,510	3.38	524	8-72		35	698	.02	28	52
34-70-0528	5706331	1267764	8-62	6	305	22,335	3.94	879	33	18,467	3.84	710	11-72		44	690	.05	33	56
34-70-0528	6671148	1441298	11-66	5	305	22,528	3.90	879	32	19,708	3.85	759	3-73		42	1,065	-.03	34	72
34-70-0528	6933593	1397209	10-67	3	305	26,400	3.28	866	33	19,883	3.65	725	6-72		42	1,120	-.08	28	69
34-70-0528	7439995	1484904	11-69	2	302	25,210	3.75	945	32	20,705	3.71	768	2-73		36	883	-.02	28	59
34-70-0528	7439999	1427615	11-69	2	299	27,465	3.13	859	44	19,405	3.78	734	11-72		40	1,354	-.19	19	71
34-70-0528	7669915	1447414	8-70	1	305	24,080	3.68	886	30	21,060	3.80	801	2-73		36	928	-.03	28	61
34-73-0001	7033457	1458744	1-68	2	305	21,590	2.89	623	25	15,750	3.68	580	2-73		40	1,015	-.11	19	57
34-73-0001	7262729	1447141	2-69	2	301	18,850	4.08	770	51	15,310	3.62	554	10-72		40	523	.11	36	51
34-73-0001	7428423	1527189	10-69	2	305	20,325	4.16	846	37	16,640	3.71	618	3-73		37	508	.11	35	50
34-73-0145	7114282	1399654	4-68	3	305	20,296	3.75	761	12	17,450	3.51	613	3-72		42	613	.09	35	54
34-74-0005	6932355	1336050	8-67	3	305	19,910	3.97	790	26	16,376	3.49	571	5-72		42	823	.07	40	67
34-74-0005	6966640	1336050	9-67	3	297	19,440	3.41	663	21	16,403	3.43	562	5-72		42	766	-.01	26	53
34-74-0023	7581679	1458744	5-70	1	305	20,100	3.23	649	29	14,870	3.72	553	11-72		36	819	-.05	21	51
34-74-0087	6773992	1336050	4-67	4	305	16,700	3.92	655	11	14,250	3.59	512	4-73		44	660	.05	31	53
34-74-0087	6939376	1336050	7-67	3	305	17,923	3.41	611	17	14,176	3.63	514	10-72		42	796	-.02	25	53
34-74-0087	7014917	1336050	9-67	3	302	19,246	3.52	678	18	14,433	3.62	522	9-72		42	925	-.01	32	64
34-74-0087	7131577	1336050	3-68	2	301	20,365	3.41	694	14	15,215	3.58	545	6-72		40	924	-.02	30	63
34-74-0087	7131578	1336050	4-68	3	305	18,136	3.61	654	17	14,286	3.60	515	10-72		42	811	.01	30	58
34-74-0113	6732915	1336050	4-66	3	226	17,993	3.70	665	11	14,780	3.69	545	11-71	B	42	749	.01	28	54
34-74-0114	6705116	1336050	7-66	4	303	21,457	3.53	758	24	15,095	3.88	585	12-72		44	1,164	-.04	36	77
34-74-0161	6750502	1336050	9-66	5	304	18,284	3.95	723	10	16,774	3.67	616	3-73		44	613	.05	30	50
34-74-0161	7240430	1336050	9-68	2	305	19,795	3.39	671	10	15,955	3.71	592	11-71		40	806	-.03	24	53
34-74-0167	6704162	1336050	8-66	5	304	20,796	3.54	736	20	17,816	3.44	613	3-73		44	829	.01	32	61
34-74-0167	6870961	1336050	8-67	4	305	22,772	3.45	785	28	17,670	3.49	617	11-72		44	1,072	-.02	36	74
34-74-0167	6870963	1336050	7-67	4	305	25,010	3.54	885	28	17,685	3.49	618	12-72		44	1,347	.00	49	96
34-74-0167	7517121	1523756	8-69	2	305	23,690	3.29	780	26	18,285	3.45	631	11-72		28	841	-.03	26	56
34-74-0172	7057567	1399654	12-67	2	305	24,545	3.26	801	11	18,020	3.76	678	1-73		40	958	-.02	32	66
34-74-0312	6525520	1237057	5-65	6	305	22,868	3.17	724	15	16,516	3.54	585	3-73		44	1,051	-.11	21	60
34-74-0312	6823112	1330987	9-65	5	303	21,770	3.42	744	14	16,946	3.50	593	2-73		44	924	.01	35	67
34-74-0312	7270169	1427381	9-68	2	305	21,205	3.52	746	8	17,330	3.50	606	4-72		40	1,116	.04	46	84
34-74-0312	7785826	1427381	9-69	1	305	19,180	3.71	711	8	16,960	3.54	600	4-72		36	911	.05	41	71
34-74-0324	7698825	1447414	8-70	1	276	16,850	3.45	582	9	13,640	3.91	533	10-72	B	36	831	-.06	21	51
34-74-0338	7964676	1447141	7-70	1	305	19,980	4.17	834	6	14,580	3.80	554	4-73		36	561	.10	35	52
34-74-0359	7868040	1427381	8-69	2	295	19,960	3.75	748	11	15,165	3.80	577	2-73		40	1,165	.04	48	88
34-74-0440	5777221	1395355	11-62	6	305	28,003	4.14	1158	14	19,502	3.69	720	4-72		32	1,502	.14	76	125
34-74-0440	7103673	1427381	3-68	3	305	28,370	3.78	1073	16	20,113	3.73	751	3-73		42	1,721	.06	71	130
34-74-0440	7103674	1427381	3-68	3	305	21,866	3.70	808	20	19,810	3.75	742	10-72		42	1,001	.03	41	75
34-74-0440	7119475	1336050	4-68	3	302	22,186	3.75	832	11	19,616	3.86	758	7-72		42	786	.00	28	55
34-74-0440	7121983	1515383	8-68	3	305	25,870	3.77	975	15	21,050	3.71	782	11-72		34	687	.04	31	54
34-74-0440	7433039	1347940	10-69	1	303	22,140	3.58	792	20	18,600	3.84	714	8-72		36	821	-.02	27	56
34-74-0440	7456908	1515383	8-69	2	305	31,685	3.59	1136	13	22,475	3.71	833	1-73		31	1,136	.00	41	81
34-74-0812	7300917	1336050	10-68	2	304	21,795	3.02	658	12	16,625	3.66	608	6-72		40	954	-.09	21	56
34-74-0812	7425831	1447141	4-69	2	305	21,935	3.94	865	21	16,615	3.69	613	9-72		40	730	.10	41	64
34-74-0812	7475032	1447141	10-69	2	300	21,110	3.70	781	10	17,140	3.70	635	1-73		40	603	.05	30	50
34-74-0812	7598875	1406271	11-69	1	305	21,370	3.49	746	16	17,490	3.83	670	2-73		36	730	.01	28	53
34-74-0893	7452395	1447414	7-69	1	305	18,480	3.32	614	25	16,260	3.56	579	3-72		36	797	-.05	21	50
34-74-0893	7540847	1493686	10-69	1	305	19,650	3.41	671	25	16,210	3.55	576	3-72		36	679	.02	27	50
34-76-0005	7170495	1385871	9-68	3	305	18,510	3.40	630	52	13,466	3.56	479	3-73		36	804	-.03	25	54
34-76-0005	7389391	1447141	7-69	2	305	18,545	3.59	665	82	13,210	3.54	467	9-72		40	662	.05	32	54
34-76-0005	7648279	1458744	8-70	1	305	20,050	3.14	630	83	13,410	3.48	466	9-72		36	902	-.05	25	58
34-76-0005	7662624	1427615	9-70	1	305	23,060	2.95	681	71	13,420	3.49	469	10-72		36	1,168	-.16	17	62
34-76-0005	7711481	1579067	11-70	1	305	22,270	3.06	681	40	14,040	3.60	505	1-73		22	929	-.11	16	51
34-76-0019	7554815	1447414	10-69	1	305	20,130	3.55	715	17	18,290	3.78	692	1-72		36	799	-.05	21	50
34-76-0019	7581431	1447414	8-69	1	305	19,040	3.61	688	13	17,280	3.72	642	10-71		36	778	-.04	22	50
34-76-0019	7718421	1447414	12-70	1	305	19,600	3.52	689	7	16,840	3.65	615	4-73		36	845	-.04	24	54
34-76-0024	5335402	1228022	12-60	7	305	16,117	3.56	573	15	13,223	3.52	465	2-72		44	865	-.05	24	55
34-76-0053	6800424	1336050	10-66	4	302	16,407	3.42	561	50	13,235	3.38	447	3-72		44	724	-.01	25	50
34-76-0053	7523911	1427381	8-69	2	305	18,950	3.25	616	76	12,910	3.40	439	8-72		40	1,246	.01	46	89
34-76-0053	7541069	1427381	8-69	2	305	15,545	3.76	585	73	12,685	3.36	426	10-72		40	918	.07	44	74
34-76-0057	6649530	1148993	7-66	5	301	19,012	3.80	722	8	15,478	3.64	564	3-73		43	662	.05	31	53
34-76-0057	6809559	1425137	8-66	3	305	21,527	4.21	906	26	15,903	3.82	607	9-72		42	706	.07	36	59
34-76-0057	6890083	1458744	10-66	3	305	19,383	3.51	680	22	16,310	3.80	619	10-72		42	779	-.04	22	50
34-76-0061	6729840	1458744	12-66	3	305	19,393	3.87	750	10	13,843	3.70	512	1-73		42	1,007	.02	40	74
34-76-0134	7220504	1399283	6-68	2	301	20,450	3.96	810	25	16,635	3.60	599	8-72		40	665	.02	27	50
34-76-0134	7220505	1399283	9-68	2	305	23,015	3.56	820	19	17,625	3.59	632	10-72		40	845	-.03	26	56
34-76-0134	7220507	1399283	1-69	2	305	23,985	3.57	856	10	19,020	3.57	679	4-72		40	830	-.03	25	55
34-76-0134	7443334	1387978	2-69	2	305	22,680	3.51	795	15	17,845	3.58	638	1-73		40	950	-.01	32	65
34-76-0134	7443343	1447414	9-69	1	305	22,920	3.55	813	12	19,630	3.58	702	12-71		36	927	-.03	28	61
34-76-0134	7443345	1427381	9-69	2	292	18,775	3.58	672	26	16,990	3.62	615	7-72		40	897	.03	37	67
34-76-0140	6982645	1407817	9-67	4	305	21,748	3.61	785	16	16,470	3.75	618	11-72		44	705	.00	26	50
34-76-0159	7033456	1458744	11-67	2	297	18,930	3.61	684	10	15,810	3.69	584	9-72		40	741	-.01	25	51
34-76-0159	7096588	1399283	6-68	1	305	25,260	2.97	751	31	16,550	3.56	590	5-72		36	929	-.11	17	52
34-76-0159	7754405	1458744	7-70	1	305	22,430	3.52	790	5	18,100	3.71	672	11-72		36	800	-.02	25	53
34-76-0232	6966024	1336050	2-67	3	291	19,096	3.63	694	10	16,783	3.58	600	1-73		42	692	.01	26	50
34-77-0011	7199108	1481300	10-68	2	305	20,950	3.46	725	14	14,915	3.62	540	5-72		29	850	-.04	25	56
34-77-0018	6771962	1428145	1-67	4	305	18,138	3.78	686	9	14,538	3.57	519	12-72		43	740	-.01	25	51
34-77-0115	7498607	1427381	12-69	2	305	22,135	3.80	842	21	18,450	3.51	647	1-73		40	1,119	.07	52	89
34-77-0172	6520599	1336050	12-65	4	305	17,930	4.08	732	45	13,102	3.61	473	8-72		44	925	.07	44	75
34-77-0172	6675599	1468572	6-66	3	305	19,627	3.67	721	69	14,027	3.64	511	12-72		32	754	.02	30	56
34-77-0172	6931129	1458744	12-67	3	305	20,026	4.06	814	45	14,190	3.67	521	8-72		42	1,048	.05	46	81
34-77-0172	7194344	1336050	10-68	3	305	19,616	3.88	761	45	15,286	3.67	561	3-73		42	889	.04	38	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD D MO-YR	REPT (%)	C O W T N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
34-77-0172	7276403	010287171	2-67	4	251	18,750	3.39	636	384	14,298	3.54	506	12-72	42	833	-.07	19	$ 50
34-77-0172	7319967	1336050	8-68	3	305	17,163	3.80	653	66	14,556	3.66	533	10-72	42	674	.02	28	51
34-77-0172	7363335	1458744	5-69	2	305	23,505	3.43	806	67	15,885	3.68	584	1-73	40	1,199	-.04	37	80
34-77-0172	7506910	1427381	9-69	2	192	20,645	3.51	724	173	14,735	3.62	533	12-72	40	1,269	.02	49	93
34-77-0172	7666159	1427381	5-70	1	305	19,010	3.80	723	30	15,420	3.62	558	5-72	36	990	.06	45	78
34-77-0172	7756003	1427381	6-70	1	305	17,820	3.50	624	75	14,500	3.74	543	9-72	36	956	.02	38	71
34-77-0172	7756005	1427381	7-70	1	305	17,010	3.77	641	97	14,890	3.73	555	10-72	36	872	.05	39	68
34-77-0180	7477886	1427381	1-70	2	291	21,370	3.34	713	20	19,195	3.61	693	2-73	40	981	.00	35	69
34-77-0180	7786790	1458744	3-71	1	305	22,470	3.56	801	9	19,390	3.65	707	4-73	36	726	-.01	24	50
34-77-0185	7604794	1427381	3-70	1	72	18,960	3.44	653	9	15,980	3.64	582	9-72 B	36	953	.02	38	71
34-77-0185	7984786	010275932	4-68	1	305	29,570	3.06	905	7	16,920	3.53	598	1-72	36	1,098	-.05	31	71
34-78-0001	6462431	1336050	11-65	5	303	20,830	3.51	731	50	15,508	3.75	581	2-72	44	1,072	-.03	34	72
34-78-0001	6784947	1336050	4-66	4	305	22,740	3.52	801	57	15,635	3.74	584	5-72	44	1,269	-.02	42	87
34-78-0001	6784951	1336050	7-66	5	303	19,940	3.68	734	56	15,920	3.76	599	10-72	44	914	.00	33	65
34-78-0001	7020879	1336050	5-67	4	302	18,385	3.67	674	58	15,662	3.75	587	9-72	44	729	.00	26	51
34-78-0001	7055434	1336050	9-67	4	292	19,652	3.59	706	56	16,267	3.77	614	9-72	44	825	-.02	27	56
34-78-0001	7091876	1336050	4-68	2	305	19,230	3.99	768	63	16,475	3.79	624	7-72	40	706	.04	31	55
34-78-0001	7559509	1500609	10-69	1	305	26,160	3.50	915	57	17,210	3.92	674	2-72	33	1,101	-.07	28	68
34-78-0014	5531081	1244845	11-61	9	301	18,647	3.41	636	16	13,787	3.54	488	6-72	44	793	-.05	21	50
34-78-0017	6428846	1426326	10-65	6	303	21,487	3.40	730	31	15,712	3.66	575	10-72	36	935	-.06	24	58
34-78-0017	6594947	1237057	2-66	2	305	20,085	4.13	830	37	15,845	3.65	579	7-72	40	651	.03	28	50
34-78-0017	7502958	1410117	11-69	2	305	25,220	3.27	824	41	15,685	3.63	570	10-72	40	1,022	-.04	30	67
34-78-0017	7502962	1347940	1-70	1	305	17,590	3.87	681	49	15,400	3.71	571	7-72	36	673	.02	27	50
34-78-0017	7837639	1347940	8-70	1	305	21,140	3.35	708	63	15,830	3.65	578	8-72	36	911	-.02	29	61
34-78-0064	7468324	1427381	1-70	1	288	16,940	3.75	636	49	13,280	3.64	484	8-72	36	963	.05	43	75
34-79-0003	7023799	1484904	10-67	3	305	21,066	3.23	681	27	12,710	3.62	460	11-72	39	1,231	-.10	29	74
34-79-0007	6953332	1433840	10-67	2	305	18,805	3.70	696	12	14,380	3.74	538	7-72	30	724	.00	26	51
34-79-0102	6826001	1292880	11-66	1	305	32,130	3.35	1077	11	18,680	3.59	670	4-73	36	917	-.01	32	64
34-79-0102	7609730	1427381	3-70	1	305	23,220	3.60	835	17	15,710	3.63	570	7-72	36	1,286	.04	52	96
34-79-0102	7872030	1463127	7-69	2	305	22,080	3.93	868	29	15,645	3.65	571	10-72	25	840	.06	39	67
34-79-0839	8192958	1556538	1-71	1	305	26,010	3.56	926	8	16,960	3.54	600	2-73	19	904	.00	33	64
34-80-0051	7839542	1450228	1-71	1	305	28,750	2.83	813	28	16,140	3.49	564	2-73	36	1,467	-.12	34	88
34-81-0001	7258977	1504027	10-68	3	303	19,720	3.84	757	29	15,573	3.59	559	1-73	29	618	.05	30	50
34-81-0014	7398465	1500609	6-69	1	305	24,190	3.22	779	11	16,110	3.61	582	3-72	33	1,016	-.09	23	61
34-81-0024	6808427	1267271	6-65	6	305	19,415	3.65	709	27	15,473	3.62	560	1-73	44	749	-.02	24	51
34-81-0024	6869709	1434538	9-65	5	305	22,568	3.19	719	28	14,076	3.62	509	1-73	36	1,427	-.10	36	88
34-81-0024	7292883	1399654	3-69	1	305	22,200	3.23	716	32	15,150	3.61	547	11-71	35	778	.01	30	57
34-81-0024	7300082	1500609	11-68	2	298	19,905	3.25	647	66	14,795	3.67	543	7-72	38	882	-.09	18	51
34-81-0024	7662655	1427381	8-69	1	305	15,560	4.05	630	76	13,740	3.65	501	7-72	36	833	.07	41	68
34-81-0024	8120190	1427381	6-70	1	291	16,640	4.06	676	44	14,710	3.60	530	1-73	36	855	.08	43	71
34-81-0074	7442855	1347940	12-69	1	305	18,320	3.49	640	31	14,640	3.72	545	8-72	36	772	-.01	26	53
34-81-0074	7726817	1347940	4-70	1	305	20,700	3.40	704	35	15,110	3.67	554	9-72	36	922	-.02	30	63
34-81-0134	7291807	1447141	10-68	2	305	18,070	3.79	685	53	13,885	3.60	500	10-72	40	559	.08	32	50
34-81-0134	7711963	1427381	10-70	1	305	16,850	3.95	665	37	13,470	3.53	475	2-73	36	945	.07	45	76
34-81-0140	7118422	1330987	8-66	5	302	18,508	3.56	658	15	14,168	3.59	508	12-72 B	44	790	.03	33	60
34-81-0634	6904097	1336050	12-66	2	305	22,120	2.88	636	7	13,865	3.48	482	9-71	40	1,211	-.09	29	74
34-81-0718	7278359	1336050	1-69	2	294	20,020	3.27	655	23	15,325	3.36	515	7-72	40	880	-.02	28	59
34-82-0005	6498138	1435298	11-65	4	297	19,745	3.80	750	18	14,608	3.67	536	1-72 B	35	684	.04	31	54
34-84-0001	6074858	1390540	4-64	6	305	19,595	4.06	795	12	15,163	3.79	574	6-72	39	668	.13	44	64
34-84-0001	7689690	1516004	10-70	1	305	21,530	3.72	800	15	14,690	3.80	558	2-73	31	919	-.03	29	62
34-84-0043	6974547	1336050	11-67	3	304	17,890	3.45	617	25	14,696	3.66	538	10-71	42	745	-.02	23	50
35-01-0002	6145707	1383926	10-64	6	302	19,305	3.94	761	16	15,973	3.67	586	8-72	44	634	.07	34	54
35-01-0010	7844348	1365341	11-70	1	305	20,310	3.67	746	28	13,740	3.51	482	11-72	36	981	.00	35	69
35-01-0012	7329668	1366229	6-69	2	305	20,705	3.38	699	11	14,345	3.74	537	11-72	40	707	.00	26	51
35-03-0007	6243393	1364674	10-64	5	302	18,948	3.84	727	12	14,858	3.70	550	5-72	37	761	.04	33	59
35-03-0008	6669230	1479723	7-66	4	305	18,153	4.26	773	36	14,358	4.22	606	3-72	33	681	.06	33	55
35-03-0008	6798775	1479723	1-67	4	302	18,925	4.27	809	30	15,120	4.20	635	3-73	33	704	.06	35	58
35-03-0008	6941461	1479723	5-67	3	305	18,973	3.88	737	29	14,810	4.20	622	6-72	32	713	.00	25	50
35-03-0008	7541126	1531002	10-69	1	305	21,150	4.55	962	19	14,750	4.18	617	9-72	23	691	.09	38	60
35-03-0008	7541134	1531002	2-70	1	305	20,220	4.50	909	15	14,830	4.21	624	4-73	23	601	.07	33	52
35-03-0021	7578134	1447414	12-69	1	305	18,290	4.08	746	8	14,210	3.86	548	8-72	36	905	.00	32	64
35-03-0035	5637255	1244845	4-62	5	305	21,228	4.36	926	12	16,152	3.99	644	3-72	44	882	.07	42	71
35-03-0035	6941285	1458744	11-67	3	305	21,986	3.52	774	19	16,340	3.90	637	8-72	42	1,075	-.05	31	70
35-03-0035	7199375	1427381	10-68	2	305	19,220	3.82	735	19	16,270	3.93	640	8-72	40	1,000	.04	42	76
35-03-0049	6916001	1397209	8-67	3	305	19,736	3.94	777	10	13,796	3.78	522	6-72	42	914	.02	36	67
35-03-0049	7682352	1366229	4-70	1	305	18,280	4.37	799	15	11,670	3.91	456	1-73	36	520	.11	35	51
35-03-0053	6560380	1309948	10-65	5	305	22,854	3.89	888	19	16,534	4.04	668	3-73	43	1,051	-.01	37	74
35-03-0067	7278082	1427381	1-69	2	304	18,415	3.92	721	6	15,230	3.78	575	8-72	40	1,003	.06	46	79
35-03-0067	7567456	1427381	7-69	1	295	18,540	3.72	689	8	14,330	3.66	524	4-73	36	1,020	.05	44	78
35-03-0085	5909495	1355939	9-63	6	305	19,887	3.86	767	19	15,912	3.95	628	10-72	36	776	.03	32	58
35-03-0085	6508911	1287090	11-65	5	305	21,008	4.37	918	20	16,088	3.95	635	2-73	44	493	.16	42	55
35-03-0085	7143113	1485574	8-68	2	305	21,500	3.78	812	20	16,270	3.95	642	8-72	30	769	-.01	26	53
35-03-0085	7473821	1423320	9-69	2	305	21,105	3.84	810	20	16,240	3.98	646	11-72	39	602	.05	30	50
35-03-0101	7089127	1261857	11-67	3	304	19,020	3.42	650	21	14,350	3.92	563	3-73	42	837	.00	30	59
35-03-0112	7217912	1427381	7-68	3	304	18,090	3.58	647	12	15,853	3.68	583	1-73	42	930	.03	38	70
35-03-0112	7523082	1427381	9-69	1	305	17,040	3.98	678	14	14,470	3.79	548	9-72	36	899	.06	42	72
35-03-0112	7523084	1427381	10-69	1	305	17,920	3.98	713	14	14,470	3.79	548	9-72	36	965	.06	44	76
35-03-0112	7559037	1427381	7-69	2	305	20,515	3.85	789	14	15,180	3.68	558	10-72	40	1,220	.06	54	95
35-03-0112	7923660	1427381	2-70	1	305	18,390	3.49	641	8	16,450	3.67	603	1-73	36	882	.03	36	66
35-03-0121	7672917	1427381	1-69	1	305	16,560	3.94	653	7	12,760	3.80	485	12-71	36	966	.06	44	76
35-03-0124	7408202	1427381	12-68	2	305	17,000	3.76	639	11	14,975	3.75	562	5-72	40	880	.04	38	68
35-03-0124	7688602	1427381	2-70	1	305	19,880	3.73	742	29	14,860	3.70	550	10-72	36	1,088	.05	47	84
35-03-0133	7158997	1479662	11-66	4	305	22,793	3.77	859	14	15,258	3.82	583	1-73	30	1,165	.01	44	84
35-03-0136	6952536	1443369	7-67	3	238	21,083	3.40	717	14	16,577	3.68	610	6-72 B	33	851	-.07	20	51
35-03-0145	7442578	1427381	12-69	1	305	18,110	3.83	694	8	14,720	3.82	563	8-72	36	964	.05	42	74

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	ODL-LARS
35-03-0145	7578075	1427381	10-68	2	305	16,260	4.03	656	9	14,640	3.74	548	8-72	40	832	.07	41	$ 68
35-03-0145	7578076	1427381	7-69	1	305	18,560	3.64	675	8	13,590	3.77	512	11-72	36	1,065	.04	44	80
35-03-0145	7578077	1427381	7-69	1	305	23,550	3.45	812	10	14,140	3.82	540	9-72	36	1,404	.01	52	101
35-03-0145	7578078	1427381	9-69	1	305	16,320	4.25	693	8	14,720	3.82	563	8-72	36	831	.08	42	69
35-03-0145	7578082	1427381	3-70	1	305	16,350	4.24	693	10	14,140	3.82	540	9-72	36	868	.08	43	71
35-03-0146	6770081	1261857	11-66	4	305	25,690	3.96	1018	16	17,065	3.81	651	1-72	44	1,424	.10	67	114
35-03-0150	7256103	1427381	5-68	3	305	17,110	3.95	675	10	15,300	3.78	578	9-72	42	869	.06	41	70
35-03-0163	6858859	1365058	7-67	4	293	21,530	3.37	726	14	15,220	3.76	573	1-73	B 43	959	-.09	20	56
35-03-0165	7302097	1427381	12-68	2	305	17,055	3.30	562	25	14,565	3.65	532	12-72	40	919	.00	33	65
35-03-0165	7414931	1427381	5-69	1	305	17,650	3.88	685	27	14,670	3.73	547	1-73	36	933	.05	42	73
35-03-0165	7959551	1427381	3-70	1	305	16,680	4.00	668	18	14,240	3.74	532	3-73	36	886	.07	42	71
35-03-0308	7646865	1450228	10-70	1	305	18,440	4.18	770	30	15,060	3.92	591	12-72	36	763	.01	29	55
35-03-0346	6754454	1450930	9-66	3	305	20,830	3.63	756	16	15,453	3.75	579	3-72	33	995	-.05	28	64
35-03-0417	7546663	1365341	1-70	1	285	19,690	3.66	721	21	15,640	3.76	588	3-73	36	822	-.02	27	56
35-03-0417	7823465	1450228	9-70	1	305	19,510	3.71	723	35	15,780	3.90	616	1-73	36	800	-.03	24	53
35-03-0422	6656055	1458744	9-66	3	305	22,573	3.39	765	22	16,590	3.97	658	10-71	42	1,120	-.08	28	69
35-03-0422	7645974	1427381	9-69	1	203	21,500	3.09	665	13	17,000	3.89	662	4-72	B 36	1,081	-.03	34	72
35-03-0507	7526818	1365341	1-70	2	305	18,160	3.78	687	16	14,115	3.62	511	12-72	40	875	.01	33	63
35-03-0749	6767687	1261857	3-67	4	305	20,150	4.18	842	9	15,025	4.05	608	12-72	44	941	.10	49	79
35-04-0018	6753846	1314767	1-67	5	305	22,264	3.76	837	19	16,768	3.71	622	1-73	44	868	.04	37	66
35-04-0048	7756307	1447414	9-70	1	300	16,050	3.60	577	11	13,670	3.64	497	1-73	36	770	-.03	23	51
35-05-0004	6876550	1306247	1-66	4	305	16,705	3.95	660	21	13,115	3.83	502	3-72	44	697	.01	26	50
35-05-0004	7942058	1365341	7-70	1	305	17,800	3.35	597	25	13,130	3.61	474	10-72	36	830	-.03	25	55
35-05-0008	6374630	1269479	7-65	5	305	21,946	3.77	828	21	16,672	3.81	636	7-72	44	635	.05	31	52
35-05-0008	7032127	1397209	1-68	3	297	21,763	3.41	743	14	16,903	3.59	607	1-73	42	861	-.04	24	55
35-05-0014	7766427	1365341	8-70	1	305	19,980	3.51	702	5	15,310	3.58	548	3-73	36	863	-.02	28	59
35-05-0030	6693884	1344345	7-66	4	305	23,583	3.66	862	13	17,013	3.64	620	6-72	43	1,063	-.04	32	70
35-05-0030	6714712	1441298	7-66	4	305	22,390	3.20	717	16	18,402	3.67	676	5-72	41	1,168	-.13	21	65
35-05-0030	7249657	1365341	11-68	2	298	20,040	3.73	748	16	17,915	3.63	651	3-72	40	757	.01	28	54
35-05-0035	7860150	010288790	1-67	1	305	22,060	3.69	815	15	18,520	3.47	643	12-72	34	643	.08	36	56
35-05-0035	7860486	010267150	3-70	1	305	25,940	3.23	837	16	18,110	3.55	642	11-72	26	840	-.05	23	53
35-05-0035	7860881	010302803	9-68	1	305	26,500	2.71	717	9	16,230	3.23	525	5-72	32	966	-.14	13	50
35-05-0037	6912263	1469167	9-67	3	305	20,543	3.62	743	25	13,363	3.76	502	7-72	36	1,142	-.01	39	79
35-05-0037	7049293	1469167	1-68	3	305	19,550	3.73	729	24	13,966	3.84	536	11-72	36	952	.00	34	67
35-05-0037	7251505	1469167	1-69	2	305	19,535	3.72	727	26	13,205	3.94	520	5-72	33	947	-.01	33	66
35-05-0037	7251509	1469167	2-69	2	305	18,095	3.88	702	24	13,435	3.81	512	10-72	33	762	.02	31	57
35-05-0037	7366293	1469167	4-69	2	305	18,095	3.72	673	28	12,935	3.74	484	9-72	33	808	.01	30	58
35-05-0037	7366296	1469167	5-69	2	304	18,105	3.63	657	25	13,005	3.74	487	9-72	33	802	-.01	28	56
35-05-0037	7613896	1469167	5-70	1	305	18,860	4.16	784	27	12,760	3.75	478	8-72	28	761	.05	35	60
35-05-0047	6203079	1383926	10-64	6	258	21,001	3.50	736	25	15,760	3.64	574	6-72	44	874	.00	32	62
35-05-0047	6396649	1417208	1-65	5	298	18,710	3.84	719	42	15,536	3.53	548	10-72	44	741	.05	35	59
35-05-0047	7440503	1464901	11-69	1	305	18,110	4.08	738	38	16,420	3.44	565	4-72	34	708	.03	30	54
35-05-0047	7485601	1365341	3-69	2	305	23,850	3.44	821	59	16,445	3.38	556	12-72	40	1,263	-.02	43	87
35-05-0047	7581003	1508724	1-70	1	305	22,860	3.24	741	45	15,510	3.49	542	6-72	26	907	-.08	20	54
35-05-0047	7777432	1365341	1-71	1	305	19,910	3.22	641	63	16,820	3.39	570	11-72	36	768	-.04	22	50
35-05-0048	6527591	010260599	12-65	4	305	21,465	3.62	776	47	16,858	3.63	612	1-73	44	810	-.05	22	51
35-05-0048	6903589	1383926	6-67	4	305	21,670	3.60	781	14	14,757	3.48	514	10-72	44	1,028	.04	43	78
35-05-0057	7051438	1383926	11-67	4	305	21,917	3.51	770	21	17,850	3.74	667	1-73	44	753	-.01	26	52
35-05-0063	6455449	1386406	1-66	4	305	20,520	4.40	903	9	16,825	3.90	656	9-72	44	700	.12	43	65
35-05-0063	6501738	1397209	12-65	6	302	21,946	3.60	790	9	16,855	3.89	655	3-73	44	955	-.04	28	62
35-05-0068	7102597	1481698	7-68	3	305	22,523	3.52	792	21	16,387	3.64	596	2-73	32	977	-.04	29	64
35-05-0068	7354604	1458744	4-69	2	305	20,135	4.04	814	18	16,555	3.61	597	1-73	40	802	.05	37	64
35-05-0068	7581006	1427381	12-69	1	305	18,730	4.41	826	25	15,010	3.73	560	5-72	36	993	.10	52	84
35-05-0068	7650851	1365341	8-70	1	305	21,800	3.35	730	20	16,370	3.82	626	11-72	36	935	-.05	26	60
35-05-0068	7664743	1427381	5-70	1	305	23,980	3.54	849	19	15,890	3.83	608	11-72	36	1,332	.02	51	97
35-05-0068	7664744	1427381	6-70	1	305	23,850	3.62	864	23	15,730	3.72	585	10-72	36	1,332	.04	54	99
35-05-0069	6261955	1383926	3-65	5	297	19,706	3.52	693	16	14,664	3.51	515	3-72	44	820	.02	33	61
35-05-0069	7535431	1427381	2-70	1	305	18,110	3.57	647	18	13,680	3.58	490	8-72	36	1,026	.04	43	78
35-05-0069	7638136	1427381	8-70	1	265	16,290	3.49	569	24	13,660	3.57	487	9-72	H 36	892	.03	37	67
35-05-0074	7232869	1427381	11-68	2	305	16,185	3.79	613	16	12,470	3.70	461	1-72	40	1,001	.05	44	78
35-05-0079	6831643	1237057	1-67	4	305	20,277	3.41	691	14	14,452	3.82	552	10-72	44	900	-.09	19	53
35-05-0086	6458231	1330987	1-66	5	298	19,330	3.71	718	14	15,500	3.57	553	5-72	44	758	.06	36	61
35-05-0086	6507127	1330987	3-66	5	305	19,002	3.09	587	16	14,822	3.58	531	10-72	44	786	-.05	21	50
35-05-0086	6520507	1448297	12-65	5	305	20,076	3.48	699	16	16,084	3.57	574	5-72	44	811	-.05	22	51
35-05-0086	7052224	1458744	4-68	3	305	21,683	3.32	719	19	15,670	3.57	559	11-72	42	1,102	-.05	32	72
35-05-0086	7243130	1404788	1-69	3	305	21,083	3.63	766	16	14,617	3.65	533	2-73	42	694	.01	27	51
35-05-0088	5976388	1214317	9-63	7	301	18,756	3.79	710	13	14,240	3.56	507	11-72	44	773	.03	33	59
35-05-0091	6800129	1447141	7-66	5	305	23,398	4.03	942	18	18,774	3.55	666	2-73	44	843	.14	52	78
35-05-0091	7715368	1450228	12-70	1	304	21,720	3.97	862	19	18,430	3.59	662	3-73	36	807	.02	32	60
35-05-0091	8057550	1430145	7-70	1	305	25,610	3.45	883	18	17,210	3.71	638	11-72	35	908	-.02	30	62
35-05-0092	7582703	1404814	12-69	2	305	21,880	3.42	749	20	16,270	3.48	566	12-72	40	725	.02	29	54
35-05-0092	7582706	1427381	12-69	2	305	18,585	3.86	718	22	16,520	3.46	571	12-72	40	915	.08	46	76
35-05-0103	7265916	1244845	8-68	3	305	21,803	3.93	856	14	18,170	3.71	675	12-72	42	694	.01	27	51
35-05-0114	6854175	1397209	3-67	4	305	20,072	3.59	721	18	14,582	3.73	544	1-73	44	921	-.03	29	62
35-05-0407	7405218	1493686	4-69	2	305	19,215	3.57	686	21	15,400	3.51	541	9-72	40	778	.03	32	58
35-06-0022	7109696	1339836	3-68	3	305	21,410	3.68	787	31	15,130	3.55	537	10-72	41	838	-.01	28	58
35-06-0022	7327781	1446516	12-68	3	303	20,633	3.52	726	25	15,253	3.55	542	1-73	34	853	-.03	26	56
35-06-0028	6961259	1340861	12-67	3	299	20,070	3.42	687	20	14,180	3.87	549	10-72	39	976	-.05	28	63
35-06-0028	7328387	1393997	1-69	2	305	19,490	3.80	740	8	14,985	3.77	565	2-72	40	776	.02	31	58
35-06-0035	6938121	1387978	1-68	3	303	19,053	3.63	692	10	16,473	3.64	600	5-72	42	721	-.01	25	50
35-06-0049	6713760	1314767	5-66	3	305	20,543	3.50	719	18	15,183	3.64	553	11-72	42	737	.00	27	53
35-06-0049	7198881	1374286	5-67	1	305	19,010	3.39	644	26	13,970	3.66	511	9-72	33	886	-.08	20	53
35-06-0049	7633399	1427381	10-69	1	305	22,060	4.35	959	17	15,910	4.01	638	4-73	36	1,188	.09	57	96
35-06-0051	7555441	1432733	2-70	2	305	19,175	3.37	647	7	14,505	3.49	506	4-73	40	771	-.02	24	51
35-06-0149	6751714	1383004	8-66	4	300	20,430	4.17	851	18	17,130	3.62	620	7-72	44	423	.18	43	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HEROMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-06-0149	7124342	1498483	4-68	2	305	21,150	3.91	828	15	16,525	3.82	632	10-71		29	717	.02	29	$ 53
35-06-0165	6553274	1259069	10-65	3	305	23,997	3.61	866	26	17,313	3.70	640	2-72		42	956	-.03	30	64
35-07-0010	7785664	1397209	2-70	2	305	19,775	3.97	785	23	16,140	3.66	590	1-73		40	658	.03	28	50
35-07-0064	6102042	1295580	7-64	7	301	19,837	3.57	708	12	14,321	3.84	550	12-72		38	889	-.04	26	58
35-07-0364	6475729	1377954	1-66	5	305	18,082	3.89	704	7	14,838	3.85	572	8-72		44	744	.03	32	57
35-08-0005	6687084	1386406	9-66	4	305	18,352	3.28	602	36	13,527	3.44	465	11-72		44	758	-.02	24	51
35-08-0013	6913014	1484742	6-67	4	305	21,900	3.15	690	16	16,873	3.78	637	11-72		35	994	-.13	15	53
35-08-0025	7826712	1365341	10-70	1	305	19,410	3.43	665	14	16,360	3.61	591	11-72		36	758	-.03	23	50
35-08-0027	6484779	1386406	10-64	4	305	22,017	3.67	807	14	16,555	3.66	606	12-71		44	911	.02	36	67
35-08-0027	6972719	1386406	7-65	3	305	19,936	3.82	761	12	16,163	3.61	583	8-72		42	663	.05	31	53
35-08-0027	7983115	1427381	1-70	1	305	22,630	3.35	759	19	17,230	3.37	580	11-72		36	1,151	.03	46	85
35-08-0033	7478142	1458744	8-69	2	305	18,250	3.57	651	13	14,430	3.47	500	2-73		40	784	.00	28	55
35-08-0035	6742449	1458744	10-66	5	305	19,246	3.73	717	24	14,844	3.53	524	12-72		44	946	.02	37	69
35-08-0035	7464606	1417208	9-69	1	305	19,030	3.67	699	31	14,700	3.37	496	2-72		36	676	.02	28	51
35-08-0043	6998152	1366229	5-67	3	305	20,723	3.61	748	13	15,750	3.62	570	12-71		42	663	.05	31	53
35-08-0045	5133366	1257896	1-60	6	305	17,443	3.84	670	31	12,048	3.64	438	6-72		35	842	.04	36	64
35-08-0048	7438394	1365341	11-69	2	305	19,205	3.17	608	22	14,730	3.60	531	11-72		40	931	-.07	23	57
35-08-0059	5839717	1284364	1-63	6	302	19,537	3.53	690	23	13,652	3.60	491	10-72		44	842	-.03	26	56
35-08-0073	7102077	1366229	5-68	3	305	21,533	3.29	709	15	14,116	3.74	528	11-72		42	906	-.01	31	63
35-08-0073	7616744	1365341	3-70	1	301	18,770	3.55	667	18	14,040	3.75	527	3-73		36	848	-.02	27	57
35-08-0076	6256861	1383926	10-64	6	299	21,041	3.74	786	14	16,073	3.45	555	4-72		44	847	.06	40	68
35-08-0076	7197024	1397209	9-68	2	305	22,075	3.31	731	11	17,310	3.48	602	10-72		40	797	-.04	22	51
35-08-0096	6540782	1366229	12-65	4	301	18,920	4.30	814	20	15,680	3.71	582	10-72		44	490	.14	39	53
35-08-0096	6982895	1383926	7-67	3	305	19,436	4.03	784	25	15,996	3.81	610	5-72		42	602	.07	32	51
35-08-0300	7257680	1408640	12-68	2	305	23,895	3.59	858	22	17,190	3.60	619	11-72		40	927	.00	34	66
35-09-0007	7404512	1461911	3-69	2	305	21,280	3.79	807	22	14,500	3.60	522	11-72		29	759	.04	33	59
35-09-0010	5885817	1288310	4-63	7	305	19,289	3.66	706	29	15,164	3.98	603	1-73		37	743	-.02	24	50
35-09-0011	7536765	1426616	3-70	1	305	21,610	4.06	877	24	14,370	3.99	573	6-72		35	784	.02	31	58
35-09-0028	7059006	1397209	5-68	3	304	19,910	3.55	707	24	15,540	3.77	586	10-72		42	773	-.04	22	50
35-09-0028	7571486	1397209	1-70	2	305	20,975	4.08	856	28	15,995	3.76	602	2-73		40	792	.04	35	62
35-09-0033	6366100	1397209	3-65	5	305	19,902	3.40	677	34	14,464	3.75	542	12-72		44	938	-.06	25	59
35-09-0033	7248766	1387978	10-68	3	305	18,983	3.60	684	32	14,233	3.83	545	2-73		42	919	-.03	29	62
35-09-0035	5240886	1199324	1-61	9	304	19,301	3.56	687	20	14,768	3.90	576	1-73		44	1,010	-.05	29	65
35-09-0035	7473184	1366229	6-69	1	305	22,940	3.81	874	19	15,920	3.97	632	4-72		36	614	.05	30	50
35-09-0041	6914693	1306247	9-67	3	305	19,887	4.02	799	20	16,457	3.79	624	3-73		42	735	.02	30	55
35-09-0041	7018727	1306247	1-68	3	305	20,147	3.66	738	17	16,577	3.78	626	9-72		42	754	-.03	23	50
35-09-0047	6696624	1465302	9-66	4	305	19,800	3.52	697	21	14,323	3.71	532	4-72		34	983	-.03	31	66
35-09-0047	6908525	1465302	9-67	4	297	18,615	3.64	678	28	14,603	3.78	552	2-73		34	780	-.01	26	54
35-09-0047	7474056	1427381	10-69	2	305	17,000	4.04	687	35	14,785	3.85	569	1-73		40	895	.07	43	72
35-09-0060	6805759	1261857	3-67	3	296	15,490	4.46	691	25	13,493	3.73	503	11-72		42	510	.14	40	54
35-09-0076	6571392	1386406	2-66	5	303	18,982	3.94	748	22	15,862	3.79	601	1-73		44	621	.05	30	50
35-09-0076	7153210	1383004	8-68	2	305	21,080	3.97	837	24	16,485	3.73	615	1-72		40	455	.14	37	50
35-09-0076	7582102	1427381	11-69	2	219	19,760	4.23	835	24	17,715	3.86	684	11-72		40	938	.09	48	78
35-09-0078	6649740	1383926	12-65	5	305	21,018	3.23	678	16	13,966	3.65	510	9-72		44	1,062	-.05	31	69
35-09-0078	7329904	1365341	12-68	2	305	20,120	3.40	685	31	14,845	3.64	540	1-73		40	1,015	-.04	30	66
35-09-0079	6708331	1366229	10-65	4	305	18,010	4.58	825	12	14,977	3.69	553	8-72		44	447	.19	44	55
35-09-0079	6725818	1443829	9-66	4	305	19,940	3.82	761	18	16,395	3.67	601	8-72		42	842	.02	34	63
35-09-0113	7139781	1387978	6-68	3	302	19,070	3.36	640	17	14,477	3.68	533	1-73		42	906	-.05	25	58
35-09-0161	6217586	1442477	11-64	6	302	21,087	4.30	907	21	15,785	4.01	633	1-73		36	942	.09	48	79
35-09-0161	6736758	1347065	4-66	4	305	21,660	3.71	803	26	15,417	3.91	603	8-72		44	856	-.03	26	57
35-09-0161	6892566	1442477	11-66	4	305	21,068	4.35	916	21	15,135	3.96	600	10-72		35	983	.10	51	83
35-09-0161	7756196	1397209	5-70	2	305	20,945	4.51	944	14	16,660	3.82	636	4-73		40	735	.09	41	64
35-09-0161	7756197	1397209	5-70	2	305	23,185	3.91	906	19	17,315	3.94	682	3-73		40	909	.00	33	65
35-09-0172	6917396	1442477	2-67	2	305	22,015	3.82	842	9	16,240	3.61	586	4-73		30	851	.03	25	64
35-09-0412	7386255	1428104	3-69	1	305	20,890	3.24	677	12	14,530	3.82	555	1-73		36	939	-.12	15	51
35-10-0005	6296523	1373055	6-64	7	303	20,765	3.67	763	21	15,290	3.70	565	11-72		44	843	-.02	27	57
35-10-0017	6492575	1458169	10-65	5	286	21,206	3.94	836	23	16,564	3.77	625	1-73		36	844	.04	36	65
35-10-0017	6719829	1242221	9-66	4	305	18,915	3.79	717	29	16,138	3.79	611	1-73		42	977	.01	36	70
35-10-0029	6936896	1469232	10-67	3	271	21,343	3.80	811	10	15,773	3.61	569	5-72	B	34	931	.01	35	67
35-10-0037	6788335	1261857	12-66	4	305	18,560	3.69	685	40	14,733	3.54	522	3-72		44	774	.07	38	63
35-10-0039	7566577	1489732	8-68	3	305	25,563	3.22	822	21	17,747	3.50	621	1-73		33	1,203	-.08	30	74
35-10-0044	7461324	1427381	10-69	1	56	20,660	4.24	876	11	18,860	3.56	672	1-72	B	36	908	.11	49	78
35-10-0044	7572607	1427381	12-69	1	297	20,710	3.58	742	23	18,900	3.75	708	10-72	H	36	909	.03	37	68
35-10-0044	7584996	1489732	10-68	2	305	25,390	3.18	807	18	17,575	3.60	633	8-72		30	1,072	-.09	24	64
35-10-0044	7647341	1428104	5-70	1	305	24,810	3.33	825	24	18,690	3.78	705	11-72		36	985	-.12	17	54
35-10-0044	7848855	1427381	11-70	1	305	22,920	4.01	918	17	18,810	3.69	695	12-72		36	1,079	.06	51	87
35-10-0055	6923777	1383004	11-67	3	305	19,680	3.73	742	19	14,220	3.80	541	12-72		42	594	.10	36	54
35-10-0056	8029988	1447414	9-70	1	118	16,350	3.79	620	23	13,770	3.75	516	12-72	B	36	786	-.02	25	53
35-10-0059	7670515	1490228	4-70	1	305	19,340	3.32	643	11	14,580	3.79	553	9-72		36	859	-.06	22	53
35-10-0065	7335511	1428104	11-68	2	305	19,450	3.81	741	36	16,045	3.86	619	5-72		40	813	-.06	20	50
35-10-0069	7286482	1511153	8-68	3	304	20,973	3.65	766	16	15,710	3.82	600	3-73		29	781	-.01	26	54
35-10-0069	7513358	1314767	1-70	1	305	23,030	3.76	867	24	15,560	3.90	607	8-72		36	688	.02	28	51
35-10-0071	7513199	1427381	2-70	1	305	20,600	3.56	734	15	15,830	3.79	600	5-72		36	1,084	.03	43	80
35-10-0072	7519967	1428104	10-69	2	305	22,220	3.23	718	19	17,545	3.90	685	2-73		40	972	-.15	12	50
35-10-0089	6706472	1357743	8-66	5	305	24,463	3.92	960	15	20,430	3.61	738	4-72		42	693	.03	30	53
35-10-0089	7177089	1497475	9-68	2	201	23,330	3.89	907	15	21,100	3.77	796	3-72	B	36	896	.03	37	67
35-10-0089	7194292	1366229	11-68	1	305	24,850	3.90	968	8	18,360	3.52	647	10-71		36	610	.09	36	55
35-10-0089	7398488	1366229	6-69	2	288	26,600	4.38	1166	10	19,620	3.69	724	3-73	B	40	877	.18	59	85
35-10-0127	7349964	1365341	4-69	2	305	20,495	3.36	689	14	16,940	3.76	637	8-72		40	883	-.06	23	55
35-10-0263	7074682	1374286	11-67	2	305	21,285	3.19	679	30	16,560	3.58	593	10-72		37	1,009	-.11	19	57
35-10-0345	7466905	1404814	11-69	2	305	21,405	3.99	853	16	16,365	3.73	610	12-72		40	669	.08	36	57
35-10-0358	7717760	1508293	5-69	2	305	20,115	3.36	675	16	16,465	3.79	624	4-72		35	744	.03	31	56
35-10-0390	6504383	1268294	4-65	6	305	22,385	3.61	808	10	16,676	3.87	646	12-72		44	946	-.06	25	59
35-10-0539	6662532	1377052	8-66	1	291	21,980	3.77	829	13	14,840	3.64	540	10-72		36	675	.02	28	51
35-10-0772	7216837	1519616	9-68	2	305	21,970	3.55	779	27	16,210	3.86	626	7-72		25	769	-.04	22	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-10-0772	7285660	1428104	11-68	2	268	22,780	3.83	872	14	16,645	3.69	614	1-73		40	1,102	-.04	33	$ 72
35-10-0834	7633431	1495881	4-70	1	305	20,010	3.35	671	12	14,100	3.79	534	11-72		34	899	-.07	22	55
35-11-0001	7578199	1236789	12-69	1	305	18,830	3.97	748	40	13,440	3.85	517	8-72		35	703	.03	30	54
35-11-0011	6479207	1236789	11-65	5	305	18,348	3.48	639	20	14,458	3.71	536	9-72		44	777	-.02	25	53
35-11-0011	6605362	1236789	7-66	5	305	18,012	3.90	703	14	15,392	3.62	557	1-73		44	636	.05	31	52
35-11-0011	7293701	1419376	12-68	2	305	19,420	4.05	786	20	14,900	3.64	543	5-72		40	657	.10	39	59
35-11-0011	7293702	1236789	4-69	2	305	19,280	3.86	745	24	15,515	3.62	561	10-72		40	697	.04	31	54
35-11-0011	7415160	1236789	4-69	2	305	20,100	3.61	726	16	15,840	3.61	572	3-73		40	754	.01	28	54
35-11-0021	7348280	1357797	9-68	2	305	22,135	3.75	830	20	15,305	3.79	580	7-72		40	919	.10	48	78
35-11-0021	7362757	1236789	10-68	3	300	23,003	3.05	701	25	15,873	3.76	597	12-72		42	1,145	-.10	25	67
35-11-0021	7474238	1357797	10-69	2	302	17,945	4.24	760	31	16,240	3.66	595	11-72		40	415	.17	40	50
35-11-0021	7474242	1236789	12-69	2	301	23,170	3.30	765	25	15,510	3.77	584	12-72		40	1,094	-.05	31	70
35-11-0030	7839628	1450228	1-71	1	305	18,390	3.75	689	19	12,700	3.66	465	9-72		36	900	-.01	31	63
35-11-0033	6725139	1236789	9-65	5	305	16,346	4.37	715	17	13,568	3.91	530	8-72		44	609	.09	35	54
35-11-0033	7189717	1236789	2-68	3	305	18,950	3.85	729	15	14,113	3.81	538	11-72		42	836	.02	33	62
35-11-0033	7320226	1236789	1-69	1	305	19,520	3.59	700	15	13,910	3.85	536	8-71		35	727	-.01	25	51
35-11-0042	6801863	1236789	10-66	4	303	17,067	3.54	604	12	13,095	3.73	489	11-71		43	735	-.02	24	50
35-11-0047	6786173	1406271	11-66	3	304	19,557	4.64	908	18	15,230	3.91	595	1-73		42	873	.15	55	82
35-11-0048	7344411	1357797	11-68	2	305	18,025	4.01	722	15	14,180	3.82	541	4-73		40	591	.13	41	58
35-11-0050	5583880	1189870	1-62	6	305	21,145	3.17	671	11	15,707	3.41	536	11-72		44	885	-.04	25	57
35-11-0092	6487645	1373055	11-65	3	301	23,360	3.29	768	14	17,323	3.63	629	4-72		42	880	-.08	19	52
35-11-0092	7396255	1428104	4-69	2	294	19,365	3.68	712	17	15,060	3.96	596	7-72		40	884	-.08	19	52
35-11-0092	7465114	1314767	10-69	1	305	22,660	3.92	888	27	14,550	3.97	577	9-72		36	721	.03	31	55
35-12-0003	6017012	1386406	11-63	6	302	19,605	3.69	723	18	16,116	3.59	578	4-72		44	675	.03	29	52
35-12-0003	6505628	1330987	10-65	6	305	17,931	4.20	753	23	16,085	3.66	589	1-73		44	517	.12	37	52
35-12-0007	6705030	1314767	2-65	5	305	17,224	4.10	706	39	13,512	3.60	486	3-73		44	553	.09	34	51
35-12-0007	6793303	1314767	5-65	6	303	19,266	3.44	663	44	13,225	3.64	482	3-73		44	847	-.01	29	59
35-12-0007	7460500	1314767	2-68	3	304	18,653	3.67	685	47	12,650	3.68	466	8-72		42	752	.03	31	57
35-12-0027	6883629	1451185	7-67	4	305	19,853	3.94	783	22	15,313	3.89	595	1-73		43	744	.04	33	58
35-12-0069	7635003	1427381	12-69	1	305	18,230	4.07	742	9	15,490	3.78	586	4-72		36	927	.07	44	75
35-12-0158	7018203	1374286	10-67	3	305	19,693	3.01	593	11	14,036	3.56	500	8-72		39	1,119	-.13	19	61
35-13-0037	7545935	1450228	1-70	1	305	18,460	3.64	672	60	13,790	3.73	515	2-72		36	840	-.03	26	56
35-13-0037	7811505	1450228	9-70	1	304	20,010	3.61	723	71	16,710	3.56	595	11-72		36	782	-.02	25	53
35-13-0037	7887878	1450228	9-69	2	298	19,090	3.61	690	56	14,720	3.65	537	10-72		40	920	-.02	30	63
35-13-0040	7558414	1447414	1-70	2	305	20,315	4.04	821	11	15,745	3.81	600	3-73		40	1,057	.01	40	77
35-13-0042	7684422	1393997	1-69	2	305	18,635	3.72	693	22	14,380	3.82	549	9-72		40	738	.00	27	53
35-13-0042	7791449	1393997	4-69	1	305	21,350	3.60	769	26	14,570	3.88	565	10-72		35	840	-.01	28	58
35-13-0048	6430344	1316533	9-65	5	305	21,136	3.95	834	12	15,562	3.66	569	3-73		44	671	.07	35	57
35-13-0050	6728104	1458744	10-66	4	305	19,652	3.35	659	19	15,482	3.57	553	7-72		44	913	-.04	26	59
35-13-0051	6654585	1261857	10-66	3	305	18,637	4.06	756	15	16,287	3.73	608	5-72		42	614	.10	38	57
35-13-0051	6709297	1261857	12-66	4	298	18,798	3.68	691	11	16,515	3.78	624	5-72		44	627	.04	29	50
35-13-0051	7204013	1399283	9-68	3	303	22,876	3.58	820	23	17,310	3.85	667	10-72		42	931	-.05	25	59
35-13-0051	7204014	1399283	9-68	3	305	22,633	3.68	833	23	17,310	3.85	667	10-72		42	903	-.04	27	59
35-13-0051	7423976	1331709	7-69	2	305	25,990	3.40	883	20	17,630	3.81	671	3-73		40	1,133	-.08	28	70
35-13-0051	7703783	1430145	7-70	1	305	22,000	4.11	905	30	16,830	4.06	683	10-72		35	658	.03	29	51
35-13-0051	7749471	1450228	8-70	1	305	22,760	4.03	918	25	18,480	4.04	746	12-72		36	881	.00	31	62
35-13-0051	7792583	1450228	7-70	1	305	20,110	4.38	881	28	16,570	4.05	671	10-72		36	798	.03	33	60
35-13-0058	6444779	1236789	8-65	5	305	22,228	3.76	836	28	17,476	3.81	665	1-72		44	968	.01	37	70
35-13-0058	6754366	1236789	9-66	5	304	21,218	4.31	914	33	16,746	3.85	645	1-73		44	913	.10	49	78
35-13-0058	6754367	1236789	10-66	4	305	21,645	3.95	854	15	17,547	3.83	672	7-72		43	861	.04	37	66
35-13-0058	7005611	1236789	10-67	4	305	18,297	4.55	833	38	16,635	3.88	646	11-72		43	535	.12	37	53
35-13-0058	7005612	1357797	8-67	2	305	23,770	3.87	919	31	18,265	3.80	694	1-72		40	844	.11	48	75
35-13-0058	7005613	1357797	9-67	4	305	19,853	3.82	759	46	17,583	3.91	687	1-73		43	553	.09	33	50
35-13-0058	7190514	1236789	6-68	3	305	22,366	3.51	785	24	16,480	3.79	625	7-72		42	1,014	-.03	32	68
35-13-0058	7190519	1236789	11-68	2	305	19,625	4.37	857	28	16,985	3.86	655	2-73		40	612	.09	35	54
35-13-0058	7371259	1236789	2-69	2	305	21,150	3.68	778	32	16,515	3.90	644	10-72		40	806	-.01	27	55
35-13-0058	7510198	1236789	9-69	2	305	22,780	3.31	755	36	17,170	3.84	659	11-72		40	918	-.06	24	57
35-13-0058	7531073	1357797	8-69	2	305	20,200	4.08	825	29	18,040	3.92	707	4-73		40	498	.13	38	52
35-13-0058	7531076	1236789	8-69	2	305	20,820	3.56	742	32	16,515	3.90	644	10-72		40	772	-.02	24	52
35-13-0058	7531078	1236789	8-69	2	305	22,765	3.39	772	30	17,620	3.83	674	1-73		40	880	-.05	24	56
35-13-0058	7559155	1236789	9-69	2	305	21,070	3.88	817	34	17,290	3.84	664	1-73		40	734	.02	30	55
35-13-0058	7638911	1236789	8-70	1	305	22,310	3.91	872	31	16,990	3.93	667	1-73		35	751	.02	30	56
35-13-0058	7757550	1236789	11-70	1	305	22,720	3.74	849	31	16,990	3.93	667	1-73		35	782	.00	28	55
35-13-0058	7757552	1236789	11-70	1	305	22,230	3.63	808	31	16,990	3.93	667	1-73		35	745	-.01	25	51
35-13-0062	6571110	1236789	3-66	4	305	20,305	3.75	761	14	15,837	3.97	629	3-72		43	865	-.01	30	60
35-13-0062	6722263	1236789	9-66	5	305	17,750	4.52	802	17	16,244	3.96	643	1-73		44	513	.11	35	50
35-13-0062	7593406	1357797	12-69	1	305	20,630	4.00	825	20	17,070	4.02	687	4-72		35	528	.11	36	52
35-13-0066	7603669	1447414	3-70	1	286	17,720	3.93	696	25	14,290	3.97	567	5-72		36	857	-.02	28	58
35-13-0094	6575338	1472976	3-66	4	305	17,645	4.02	710	44	12,838	3.79	486	8-72		35	595	.06	31	50
35-13-0118	6836623	1458744	2-67	3	294	18,083	3.79	685	17	14,793	3.58	530	8-72	B	42	769	.02	31	57
35-13-0118	7409043	010288790	6-68	3	175	17,510	4.36	763	182	15,513	3.63	563	1-73	B	41	538	.16	44	59
35-13-0122	7261518	1428104	10-68	3	305	22,910	3.33	762	21	17,536	3.65	640	11-72		42	1,109	-.11	22	64
35-13-0122	7555939	1428104	3-70	1	305	22,310	3.71	827	24	17,840	3.53	630	3-72		36	847	-.05	22	53
35-13-0122	7753307	1428104	6-70	1	305	24,560	3.39	833	22	17,970	3.47	624	1-73		36	1,007	-.08	23	60
35-13-0125	6801413	1261857	1-67	3	305	17,217	3.52	606	19	14,110	3.53	498	2-72		42	651	.05	31	52
35-13-0125	7667693	1447414	8-70	1	305	16,390	3.51	575	22	13,210	3.76	497	9-72		36	823	-.04	23	53
35-13-0125	7687694	1447414	9-70	1	305	18,010	3.53	636	29	13,710	3.81	523	11-72		36	914	-.04	26	59
35-13-0127	6587601	1465313	6-66	4	305	18,040	3.71	669	12	14,713	3.53	520	4-72		37	677	.03	29	52
35-13-0127	7623494	1447414	3-70	1	305	18,430	3.68	679	19	16,200	3.72	602	1-73		36	796	-.03	24	52
35-13-0128	7261533	1393997	3-69	3	302	19,583	4.02	788	17	16,536	3.66	605	3-73		42	698	.06	35	58
35-13-0128	7509436	1393997	8-69	2	303	20,475	3.74	765	14	16,795	3.62	608	10-72		40	728	.02	30	55
35-13-0136	6908805	1449138	11-66	5	305	18,724	3.84	719	11	14,934	3.76	561	3-73		36	675	.03	29	52
35-13-0137	7708584	1450228	8-70	1	305	18,970	3.50	664	8	15,410	3.74	577	2-73		36	782	-.04	22	50
35-13-0162	6987366	1259069	9-67	3	210	22,193	3.95	876	8	15,803	3.75	592	3-72	B	42	887	.03	36	66
35-13-0195	7623547	1495881	2-70	1	305	21,100	3.45	728	20	14,660	3.81	559	11-72		34	948	-.06	25	59

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HEROMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVO MO-YR	C O	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
35-13-0201	7806284	1454407	11-70	1	305	23,350	3.48	812	16	16,250	3.78	614	11-72		33	943	-.06	25	$ 59
35-13-0257	8141890	1447414	1-71	1	305	19,380	3.66	710	8	17,600	3.68	648	2-73		36	784	-.03	24	52
35-13-0293	6257112	1386406	12-64	6	303	16,738	3.38	565	18	11,731	3.61	423	6-72		44	758	-.01	25	52
35-13-0296	7467593	1516893	11-69	2	290	19,630	3.33	653	21	14,200	3.77	536	11-72		30	901	-.09	19	53
35-13-0296	7467594	1516893	11-69	2	305	19,455	3.60	700	20	14,185	3.76	533	12-72		30	882	-.04	25	57
35-13-0297	7295339	1242221	11-68	3	296	18,837	3.49	658	9	15,607	3.74	584	3-73		41	1,004	-.03	32	68
35-13-0297	7459440	1427381	7-69	1	305	20,040	3.29	660	9	15,740	3.87	609	3-72		36	1,047	.00	37	74
35-13-0308	6539932	1383004	11-65	3	305	20,430	3.81	779	10	14,103	3.75	529	11-72		42	669	.11	41	62
35-13-0308	7282480	1374286	6-67	3	305	23,316	3.36	783	6	16,200	3.62	586	3-73		39	1,348	-.09	34	83
35-13-0320	7392432	1366229	5-69	2	301	22,215	3.56	791	43	16,740	3.79	635	1-73		40	665	.03	28	51
35-13-0320	7433307	1397209	6-69	2	305	22,315	3.71	829	34	16,560	3.78	626	12-72		40	882	-.01	30	61
35-13-0320	7433329	1236789	11-69	1	305	23,680	3.35	794	45	16,290	3.82	623	5-72		35	897	-.03	27	59
35-13-0320	7546159	1357797	12-69	1	305	21,600	4.11	887	49	16,350	3.78	618	5-72		35	644	.14	45	64
35-13-0320	7546163	1236789	12-69	1	305	20,950	3.93	823	58	16,470	3.83	631	2-72		35	680	.02	28	51
35-13-0324	6156250	1428104	7-64	5	305	19,514	3.22	628	12	14,128	3.50	495	12-71		44	1,090	-.11	22	63
35-13-0324	6756693	1465678	7-66	3	305	19,106	3.31	633	15	14,673	3.52	517	5-72		39	919	-.04	27	60
35-13-0326	7115936	1242221	4-68	3	305	23,030	3.15	726	22	15,767	3.84	605	11-72		41	1,486	-.10	38	92
35-13-0327	6594475	1451185	6-66	4	304	18,200	4.07	740	7	14,678	3.88	569	4-72		43	601	.06	30	50
35-13-0329	6506390	1330987	3-66	3	230	17,233	3.42	589	19	13,423	3.49	468	1-72	B	42	661	.03	28	50
35-13-0330	5880600	1199324	7-63	8	303	16,630	4.00	666	14	14,694	3.78	555	11-72		44	673	.03	29	52
35-13-0336	7084449	1373055	9-67	4	305	21,735	3.53	768	20	14,925	3.64	543	4-73		44	970	-.04	29	64
35-13-0336	7514286	1393997	8-69	2	305	16,480	4.36	718	20	13,695	3.81	518	9-72		40	582	.07	32	51
35-14-0015	7942709	1447414	9-70	1	308	18,390	3.76	692	32	14,160	3.55	503	2-73		36	918	-.01	31	63
35-14-0019	7203763	010229512	5-63	1	305	24,860	3.58	889	32	15,280	3.70	565	6-72		35	823	.05	38	65
35-14-0025	6685424	1473510	9-66	5	305	21,978	3.58	787	30	15,644	3.46	541	4-73		41	1,088	.00	39	77
35-14-0025	7337475	1477381	3-69	2	305	19,550	3.03	593	34	14,335	3.34	479	11-72		40	766	-.02	24	51
35-14-0026	7156701	1387978	12-67	4	305	20,968	3.14	659	12	17,470	3.41	596	4-73		44	875	-.06	22	54
35-14-0026	7815980	1450228	10-70	1	305	20,290	2.99	606	17	15,720	3.38	532	9-72		36	862	-.07	20	52
35-14-0037	6420088	1329588	11-65	5	295	19,806	3.85	763	23	15,510	3.68	570	6-72		44	762	.02	31	57
35-14-0038	7285925	1427381	8-68	3	305	16,743	3.58	600	15	14,990	3.65	547	2-73		42	855	.03	35	64
35-14-0041	6446529	1314046	11-65	5	305	20,206	3.41	690	21	14,600	3.72	543	12-72		38	803	-.03	24	53
35-14-0041	6903801	1258673	10-67	4	305	19,420	3.98	772	22	14,668	3.74	548	1-73		44	400	.17	40	50
35-14-0041	7700511	1454720	12-70	1	305	21,120	3.55	750	11	14,250	3.82	545	3-73		35	826	-.02	27	56
35-14-0046	6705868	1330987	11-66	1	305	18,780	4.24	797	17	15,260	3.64	556	5-72		36	548	.09	34	51
35-14-0046	7185492	1481894	8-67	1	305	22,490	3.53	794	15	16,350	3.76	614	3-73		23	784	-.03	23	51
35-14-0046	7316269	1481894	10-68	3	305	23,340	3.38	790	16	16,213	3.72	603	10-72		32	1,191	-.07	32	75
35-14-0046	7316271	1481894	2-69	2	305	20,530	3.66	752	17	15,295	3.78	578	9-72		29	832	-.02	27	56
35-14-0046	7377332	1481894	9-69	1	305	21,650	3.77	817	12	15,890	3.79	602	11-72		23	741	.00	26	52
35-14-0046	7441881	1447414	10-69	2	305	21,775	3.45	751	22	16,990	3.65	620	12-72		40	1,104	-.05	32	72
35-14-0046	7693114	1450228	7-70	1	305	19,340	3.91	756	18	16,890	3.70	625	11-72		36	721	.00	26	51
35-14-0053	7371250	1236789	9-67	3	281	20,130	4.07	820	9	14,100	3.77	532	4-72	B	42	975	.06	45	77
35-14-0057	7306980	1357797	10-68	2	305	18,275	3.89	710	26	14,700	3.89	572	9-72		40	575	.11	37	54
35-14-0074	7230532	1387978	1-69	2	305	18,205	4.00	729	15	13,095	3.86	505	3-73		40	882	.03	36	66
35-14-0081	7502589	1458744	10-69	1	305	18,760	3.99	748	5	14,450	3.77	545	11-71		36	744	.01	29	55
35-14-0081	7502590	1458744	10-69	2	305	19,000	3.58	680	7	15,710	3.76	590	12-72		40	756	-.02	24	51
35-14-0090	7740510	1427381	2-70	1	305	17,650	3.85	680	21	13,930	3.66	510	9-72		36	977	.06	44	77
35-14-0092	6183635	1416074	7-64	6	299	20,451	3.75	766	21	16,060	3.69	592	5-72		39	841	-.01	28	58
35-14-0092	6596446	1406271	4-66	5	305	18,426	4.45	820	21	16,588	3.82	633	11-72		44	637	.14	44	63
35-14-0092	7219436	1505219	9-68	2	305	23,285	3.27	762	16	16,380	3.88	635	10-72		32	1,129	-.09	27	69
35-14-0092	7824494	1392858	9-70	1	305	24,040	4.32	1036	14	18,170	3.79	689	12-72		36	673	.10	39	60
35-14-0093	7298673	1236789	11-68	2	305	16,915	3.79	641	12	12,990	3.63	472	6-72		40	661	.02	27	50
35-14-0096	6815386	1236789	9-66	3	305	21,590	3.33	718	55	16,850	3.68	620	7-72		42	889	-.05	24	56
35-14-0096	7053127	1314767	11-66	3	305	20,240	4.09	828	50	16,803	3.71	624	7-72		42	553	.09	33	50
35-14-0096	7542346	010288790	3-68	1	305	25,410	3.17	806	61	16,640	3.77	627	6-72		34	1,017	.00	37	72
35-14-0096	7706915	1458744	4-70	1	305	22,420	3.06	686	59	16,980	3.57	606	11-72		36	866	-.07	21	53
35-14-0101	6459601	1243697	1-66	4	305	20,888	3.92	819	25	15,075	3.86	582	2-72		44	612	.05	30	50
35-14-0102	7028077	1480411	10-67	4	305	20,998	3.64	765	31	14,888	4.07	606	12-72		30	937	-.04	27	61
35-14-0106	6849601	1357797	1-67	4	305	19,905	4.02	800	23	16,610	3.73	620	11-72		43	657	.14	45	64
35-14-0108	7317919	1357797	9-68	3	305	19,353	3.93	760	8	16,367	3.56	582	11-72		42	590	.14	43	60
35-14-0116	7500657	1427381	12-69	2	295	18,315	4.24	777	6	14,185	4.01	569	4-73		40	1,078	.08	52	87
35-14-0116	7500658	1427381	12-69	2	305	19,135	3.57	683	6	14,135	3.99	564	4-73		40	1,165	.01	43	83
35-14-0122	7336176	1427381	1-69	2	305	18,540	3.45	640	20	16,420	3.43	563	11-72		40	919	.03	38	69
35-14-0124	6733119	1458744	1-67	3	305	24,886	3.32	825	31	16,540	3.51	580	3-73		42	1,390	-.05	42	92
35-14-0124	7528003	1427381	3-69	1	305	20,850	3.43	716	38	16,320	3.58	585	9-71		36	1,073	.02	42	79
35-14-0141	7446679	1427381	10-69	1	305	21,530	3.63	781	25	15,720	3.82	601	5-72		36	1,159	.03	46	86
35-14-0145	6282787	1357797	12-64	6	305	16,763	3.97	665	12	14,247	3.66	521	3-73		44	512	.14	39	54
35-14-0154	7254511	1513330	6-68	3	304	18,990	4.66	885	6	14,523	3.81	554	12-72		32	797	.16	54	78
35-14-0161	7407188	1458744	3-69	1	305	20,680	3.79	784	13	16,190	3.66	593	10-71		36	783	.01	29	56
35-14-0161	7407189	1458744	3-69	2	305	18,930	3.48	659	13	15,370	3.62	557	10-72		40	776	-.03	24	52
35-14-0161	7641345	1427381	1-70	1	305	16,910	3.68	623	14	14,970	3.54	530	10-72		36	860	.05	39	68
35-14-0161	7698973	1458744	5-70	1	305	20,070	3.19	641	13	14,550	3.58	521	10-72		36	835	-.05	23	53
35-14-0165	7829858	1308101	12-70	1	305	18,070	3.45	624	29	15,020	3.58	537	11-72		36	846	-.04	25	55
35-14-0166	7022359	1357797	1-68	4	302	20,180	3.76	758	14	17,503	3.46	605	3-73		43	602	.13	41	59
35-14-0166	7279691	1357797	11-68	3	301	19,743	4.02	794	19	17,103	3.46	591	10-72		42	567	.17	46	62
35-14-0166	7279692	1357797	12-68	3	299	20,853	3.91	816	12	17,543	3.43	601	3-73		42	655	.16	48	67
35-14-0169	6678765	1261857	10-66	5	300	18,876	4.37	825	21	16,840	3.62	609	12-72		44	614	.17	48	65
35-14-0174	6464401	1258673	9-65	5	305	21,062	4.05	854	13	15,472	3.78	585	7-72		44	558	.18	48	63
35-14-0174	6721967	1261857	10-66	5	305	20,628	3.71	765	18	16,644	3.80	633	2-73		44	860	.05	38	67
35-14-0174	7252163	1392858	9-68	2	305	21,565	4.37	942	15	17,365	3.65	633	3-73		40	654	.13	44	64
35-14-0176	6946724	1236789	11-67	4	305	20,010	4.03	807	16	16,520	3.87	639	1-73		43	760	.05	35	60
35-14-0186	7351215	1387978	12-68	2	301	20,475	3.28	672	19	16,610	3.78	628	3-72		40	827	-.06	20	50
35-14-0199	6845142	1330987	3-67	4	304	20,465	3.95	809	11	17,025	4.07	693	9-72	H	44	729	.04	33	57
35-14-0199	7392694	1427381	5-69	2	305	18,200	4.68	851	15	16,165	4.31	696	8-72		40	905	.11	49	78
35-14-0199	7632285	1427381	5-70	1	305	22,300	3.81	849	16	19,130	3.95	755	11-72		36	1,014	.04	42	76
35-14-0199	7757908	1520034	9-70	1	305	26,410	3.32	878	18	19,000	3.95	751	11-72		34	979	-.11	10	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-14-0200	6236439	1357797	1-65	6	305	19,228	4.66	896	18	15,883	3.86	613	2-72		44	663	.24	60	$ 77
35-14-0200	7103096	1357797	5-68	3	305	19,060	4.06	774	18	16,017	3.86	619	12-72		42	588	.13	41	56
35-14-0204	6292573	1236789	3-65	5	305	20,436	3.57	729	12	15,222	3.67	558	10-72		44	970	-.01	34	68
35-14-0204	6292574	1357797	3-65	6	300	17,740	3.82	677	12	15,563	3.68	572	9-72		44	503	.11	35	50
35-14-0204	6801547	1236789	4-67	4	305	22,685	3.31	751	15	16,550	3.63	601	1-73		43	1,090	-.05	31	70
35-14-0204	7411397	1070036	9-69	1	305	21,600	3.91	845	18	17,330	3.69	640	12-72		36	587	.08	33	52
35-14-0208	6981159	1377954	9-67	3	305	16,890	3.97	670	13	13,933	3.94	549	6-72		42	657	.03	28	50
35-14-0208	7031447	1357797	1-68	3	305	18,163	4.08	741	15	14,313	3.93	562	12-72		42	643	.13	43	62
35-14-0208	7031448	1357797	2-68	3	305	17,860	3.87	692	17	14,200	3.93	558	11-72		42	618	.10	37	56
35-14-0212	6853897	1236789	8-67	3	305	19,256	3.65	703	14	15,213	3.72	566	7-72		42	770	.00	28	55
35-14-0212	7204055	1070036	11-68	2	305	20,095	3.71	746	21	15,735	3.60	566	1-73		40	680	.06	34	56
35-14-0215	5842121	1400575	4-63	7	305	20,425	3.33	680	20	16,095	3.55	571	2-72		44	903	-.10	17	51
35-14-0215	6809040	1406271	1-67	4	303	18,108	3.78	684	15	15,830	3.37	534	11-72		44	664	.09	37	58
35-14-0215	7518263	1242221	5-68	3	305	21,460	3.19	685	15	15,933	3.50	557	3-73		41	1,284	-.06	37	83
35-14-0215	7915803	1427381	10-69	1	305	19,950	3.44	686	11	16,070	3.52	565	4-72		36	1,021	.03	41	76
35-14-0215	7945802	1427381	4-70	1	305	21,020	3.06	644	16	14,960	3.36	502	1-73		36	1,167	.00	42	83
35-14-0215	8095209	1427381	5-70	1	305	17,740	3.34	593	15	13,640	3.37	460	10-72		36	1,001	.03	41	75
35-14-0216	5295240	1055021	10-60	4	254	18,925	4.12	779	34	15,545	3.65	568	6-72		40	696	.05	32	55
35-14-0216	5847575	1055021	6-63	6	305	20,078	3.38	679	25	15,722	3.64	572	7-72		41	852	-.08	19	51
35-14-0220	6318440	1236789	1-65	4	305	19,095	3.94	753	11	15,260	3.84	586	2-72		43	772	.03	33	59
35-14-0224	6445611	1236789	9-65	5	300	19,766	3.54	699	5	15,174	3.87	587	5-72		44	887	-.03	27	59
35-14-0224	6921419	1236789	1-67	3	305	21,106	3.49	737	9	16,170	3.82	617	12-71		42	896	-.03	27	59
35-14-0224	7070861	1357797	12-67	3	305	18,583	3.43	637	9	14,500	3.92	568	9-72		42	674	.04	30	53
35-14-0224	7464896	1357797	6-69	2	305	18,715	4.06	759	16	16,280	3.75	610	12-72		40	490	.14	39	53
35-14-0239	6858051	1377954	1-67	3	303	17,833	4.14	739	10	14,630	3.72	544	8-72		42	701	.08	37	60
35-14-0241	7313990	1427381	3-69	2	305	21,205	3.91	829	21	17,620	3.71	653	3-73		40	1,092	.07	50	86
35-14-0242	6794237	1406271	1-67	4	305	20,560	3.35	688	13	16,503	3.68	608	5-72		44	901	-.02	30	62
35-14-0242	7171933	1330987	11-66	2	305	18,975	3.97	754	12	16,070	3.76	605	6-72		40	584	.07	32	51
35-14-0242	7359756	1427381	12-68	2	305	18,380	3.68	677	13	15,875	3.67	582	2-73		40	947	.04	41	73
35-14-0242	7519638	1427381	11-69	1	305	20,260	3.86	782	12	15,220	3.77	574	5-72		36	1,095	.05	48	85
35-14-0357	7137152	1357797	7-68	2	305	18,505	3.54	655	14	14,190	3.81	541	5-72		40	640	.07	34	55
35-14-0369	6541404	1236789	12-65	1	305	22,460	3.58	803	16	16,310	3.57	583	10-72		35	804	.01	30	58
35-14-0401	6460944	1377954	12-65	2	305	21,865	4.18	914	6	13,905	3.74	520	6-72		40	1,137	.08	54	92
35-14-0406	6238678	1386406	6-64	6	305	19,141	3.70	708	9	15,023	3.62	544	4-72		44	728	.03	31	56
35-14-0406	7268998	1458744	1-69	2	305	18,100	3.76	680	7	15,555	3.56	553	3-73		40	677	.02	27	50
35-14-0427	7010366	1236789	10-67	3	305	19,510	3.79	740	17	15,190	3.75	569	12-72		42	801	.02	32	59
35-14-0431	7336828	1236789	2-69	2	305	18,815	4.04	760	18	15,550	3.88	604	8-72		40	646	.04	29	51
35-14-0431	7425804	1357797	11-69	2	305	22,315	3.37	751	21	16,515	3.83	633	1-73		40	839	.04	36	64
35-14-0462	7537930	1427381	10-69	2	305	17,930	3.32	596	14	15,785	3.66	577	3-73		40	909	.00	33	65
35-14-0462	7537931	1427381	3-70	1	305	19,950	3.12	622	21	16,320	3.71	606	11-72		36	1,006	-.01	34	69
35-14-0475	7738274	1458744	11-70	1	305	21,890	3.60	787	16	16,750	3.49	585	3-73		36	840	.00	30	59
35-14-0485	7596427	1447414	1-70	1	305	21,940	3.72	817	17	17,100	3.82	653	2-72		36	1,004	-.03	31	67
35-14-0554	7864153	1458744	12-70	1	305	20,730	3.39	702	14	14,150	3.60	510	1-73		36	908	-.03	28	60
35-14-0560	6976460	1308101	8-67	3	298	16,063	4.09	657	20	13,950	3.73	521	2-72		42	784	.02	32	59
35-14-0584	6687697	1236789	8-65	5	305	18,418	3.80	700	9	15,458	3.79	586	9-71		44	682	.02	27	50
35-14-0584	7967882	1433675	2-71	1	305	20,610	4.02	828	11	13,230	3.50	463	2-73		35	707	.08	37	60
35-14-0587	7585749	1308101	7-69	2	305	21,285	3.68	784	10	17,600	3.58	630	12-72		40	1,011	-.01	35	70
35-14-0609	6992015	1357797	10-67	4	305	19,220	3.99	767	8	16,883	3.65	616	3-73		43	544	.14	41	57
35-14-0609	7152991	1357797	2-68	3	305	20,740	3.66	760	14	15,813	3.66	578	9-72		42	803	.09	43	69
35-14-0609	7264504	1419376	2-69	2	305	19,090	4.03	769	11	15,600	3.90	609	3-73		40	566	.08	32	50
35-14-0629	7289646	1490929	8-67	3	304	17,120	3.76	643	23	12,883	3.47	447	5-72		32	721	.04	32	56
35-14-0725	7351214	1387978	12-68	2	247	19,070	3.68	701	16	15,675	3.84	602	9-72	B	40	760	-.02	25	52
35-14-0756	7420793	1236789	8-69	2	305	17,865	4.05	724	9	13,485	3.85	519	10-72		40	718	.04	32	56
35-14-0757	6604786	1261857	9-66	5	301	17,276	3.93	679	16	15,134	3.77	570	3-73		44	584	.09	34	52
35-14-0758	7829845	1308101	1-71	1	305	20,450	4.37	893	11	17,310	3.48	603	12-72		36	887	.07	42	71
35-14-0785	7437767	1522179	9-69	2	298	20,610	3.76	775	22	15,480	3.64	563	12-72		30	779	.04	34	60
35-14-0829	6807012	1377052	12-66	4	304	20,965	4.13	865	20	17,247	3.78	652	1-73		44	648	.08	35	56
35-15-0004	6002949	1267764	10-63	1	305	23,020	4.35	1001	28	18,190	3.47	631	11-72		35	516	.12	36	51
35-15-0007	6688304	1397209	12-66	4	305	18,062	3.24	586	13	12,912	3.48	449	3-73		44	838	-.05	22	53
35-15-0017	6945029	1214317	5-67	4	303	23,058	3.57	824	17	18,248	3.78	690	12-72		43	885	-.02	28	59
35-15-0017	7286787	1383004	9-68	2	305	25,570	3.99	1020	18	18,440	3.73	687	12-72		40	752	.15	50	73
35-15-0018	7371243	1365341	6-69	1	305	22,570	4.14	935	10	16,560	3.31	548	4-72		36	981	.07	46	78
35-15-0031	6309866	1397209	10-64	6	305	20,815	4.07	847	15	18,506	3.68	681	4-72		44	639	.06	32	53
35-15-0031	6477458	1366229	10-65	4	305	22,727	3.99	907	14	18,690	3.70	691	3-72		44	662	.11	40	60
35-15-0031	6562751	1397209	2-66	5	303	22,998	3.65	840	13	18,578	3.58	665	12-72		44	913	.00	33	65
35-15-0031	6923187	1366229	10-67	2	305	24,935	3.74	933	14	19,305	3.61	697	11-71		40	733	.07	37	61
35-15-0031	6997180	1366229	1-68	3	305	20,396	4.98	1015	11	17,846	3.82	681	9-72		42	432	.24	52	61
35-15-0033	6650517	1383926	10-66	5	301	20,816	3.77	784	25	17,820	3.63	647	2-73		44	638	.05	31	52
35-15-0033	7021410	1366229	4-68	3	305	23,646	3.18	751	25	18,300	3.62	662	2-73		42	764	-.03	23	50
35-15-0033	7426570	1397209	11-69	2	305	23,245	3.36	781	26	18,295	3.63	665	2-73		40	835	-.05	22	52
35-15-0048	7395778	1365341	7-69	2	302	21,615	3.73	807	21	16,425	3.88	638	8-72		40	1,038	-.01	35	72
35-15-0095	6411822	1397209	1-65	6	302	17,530	3.59	630	13	13,551	3.61	489	4-73		44	726	-.01	24	50
35-15-0127	6679184	1366229	10-66	3	305	20,820	3.95	822	31	15,976	3.62	579	11-72		42	653	.10	39	59
35-15-0127	7241269	1474664	12-68	2	305	21,035	3.52	741	33	16,100	3.70	595	9-72		29	744	-.01	25	51
35-15-0298	7537476	1366229	11-69	1	305	21,950	3.79	831	9	14,160	3.83	543	6-72		36	645	.06	32	53
35-16-0031	6982597	1261857	3-67	3	295	16,180	4.32	699	7	14,447	3.92	566	5-72		42	501	.11	35	50
35-16-0031	6982598	1261857	11-67	3	297	18,590	4.28	795	8	15,730	3.92	617	1-72		42	660	.11	41	61
35-16-0031	7079786	1261857	11-67	3	305	17,880	3.82	683	11	15,417	3.81	587	12-72		42	607	.06	31	51
35-16-0031	7594949	1399283	8-68	3	305	21,696	3.71	804	16	16,733	3.86	627	10-72		42	894	-.03	27	59
35-16-0031	7620164	1447414	4-70	1	305	20,170	4.22	852	15	13,530	3.96	536	7-72		36	1,085	.01	41	78
35-16-0031	8009132	1447414	3-70	1	305	25,410	3.49	887	19	15,640	3.80	595	10-72		36	1,350	-.05	40	88
35-16-0031	8013404	1447414	1-70	1	305	20,770	3.61	749	19	15,640	3.80	595	10-72		36	1,004	-.04	30	66
35-17-0009	7297353	1428104	9-68	3	305	18,620	4.24	789	14	15,660	3.85	603	4-73		42	788	.00	29	56
35-17-0016	7717628	1427381	7-70	1	305	21,530	3.56	767	19	16,700	4.29	717	3-73		36	1,101	-.01	38	77
35-17-0016	7993231	1450228	12-70	1	305	19,820	4.31	854	19	16,790	4.25	713	3-73		36	763	.00	28	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOL-LARS
35-17-0019	6691058	1458744	9-66	5	303	22,684	3.54	804	32	17,094	3.87	662	1-73		44	1,157	-.05	34	$ 76
35-17-0019	7201929	1428104	11-68	3	305	24,140	3.55	858	25	17,430	3.92	683	4-73		42	1,260	-.10	29	76
35-17-0019	7487326	1393997	8-69	2	305	20,305	4.51	916	35	17,910	3.96	709	9-72		40	620	.10	37	56
35-17-0031	6664348	1465471	4-66	3	305	19,360	4.09	791	17	14,767	3.97	586	8-72		32	606	.08	34	53
35-17-0055	7473648	1427381	8-69	1	305	20,780	3.77	784	24	16,980	3.75	637	5-72		36	1,029	.04	44	79
35-17-0072	7780936	1399283	7-69	2	305	20,630	3.30	681	21	14,625	3.62	530	3-73		40	846	-.07	20	51
35-17-0073	6765560	1330987	2-67	4	305	19,180	3.85	738	18	15,015	3.74	561	10-72		44	769	.06	37	62
35-17-0079	7464557	1427381	12-69	1	302	19,510	3.44	671	16	17,050	3.78	644	12-71	H	36	930	.02	36	68
35-17-0084	7200523	1428104	9-68	2	305	22,690	3.27	741	16	15,415	3.74	577	4-72		40	1,193	-.13	23	68
35-17-0084	7200524	1428104	10-68	2	305	22,420	3.23	725	10	14,745	3.80	560	5-72		40	1,220	-.13	23	69
35-17-0107	6412802	1314767	9-65	2	302	22,440	3.51	787	13	15,510	3.93	609	3-72		40	832	-.02	27	56
35-17-0121	6987735	1473332	2-68	4	302	23,090	2.78	641	11	16,730	3.53	590	4-73		34	1,117	-.19	10	54
35-17-0121	7426726	1473332	3-69	2	305	19,675	3.82	751	8	14,360	3.70	531	10-72		29	774	-.01	27	54
35-17-0478	7314468	1399283	5-69	2	305	21,745	3.45	751	21	15,175	3.67	557	1-73		40	915	-.05	25	58
35-17-0478	7314472	1495135	2-69	2	290	22,380	3.32	742	25	15,040	3.58	539	9-72		37	1,053	.01	39	76
35-17-0541	6931693	1314767	9-67	2	302	19,245	4.03	775	17	13,340	3.79	506	4-73		40	684	.06	34	56
35-17-0619	6357515	1432844	4-65	6	281	19,070	3.95	753	10	15,965	3.72	594	4-73		37	676	.04	31	53
35-18-0001	7399936	1447414	8-69	2	302	19,860	3.32	660	11	12,370	4.12	510	6-72		40	1,285	-.10	31	78
35-18-0020	6892562	1458744	3-67	3	305	21,166	3.44	728	25	14,880	3.84	571	8-72		42	1,115	-.05	32	72
35-18-0021	6569191	1413165	1-66	5	305	23,250	3.48	809	25	19,030	3.85	733	12-72		44	953	-.13	14	50
35-18-0033	7870762	1450228	5-70	1	305	21,870	4.01	877	17	15,410	3.72	573	11-72		36	998	.01	38	72
35-18-0052	7797142	1450228	12-70	1	305	21,140	3.63	767	30	15,700	3.75	589	1-73		36	926	-.03	29	62
35-18-0058	6954854	1432844	10-67	2	231	17,170	3.87	664	7	12,695	3.54	450	10-71	B	32	671	.03	29	52
35-18-0132	7333602	1458744	2-69	2	305	20,880	3.08	644	18	16,500	3.55	586	7-72		40	882	-.08	20	53
35-18-0149	7572609	1427381	12-69	2	167	24,075	3.54	852	12	16,710	3.66	612	1-73	H	40	1,457	.02	56	106
35-20-0002	7510998	1236789	10-68	1	305	22,260	3.77	839	26	16,480	3.74	616	10-72		35	778	.02	31	58
35-20-0002	7510999	1419376	12-69	1	305	20,070	4.12	827	17	15,850	3.70	586	1-72		35	539	.09	33	50
35-20-0018	6827487	1377954	5-67	4	304	19,775	3.60	711	8	14,980	3.60	539	11-72		44	925	.01	35	67
35-20-0031	7121688	1387978	6-68	3	305	19,640	3.80	747	28	14,663	3.83	562	1-73		42	955	.00	35	68
35-20-0031	7380446	1387978	10-68	2	305	17,870	4.20	751	31	14,860	3.78	561	12-72		40	705	.05	33	56
35-20-0031	7427614	1432733	3-69	2	305	19,660	4.31	848	21	13,790	3.81	525	9-72		40	879	.07	43	72
35-20-0034	7450452	1510858	5-69	2	305	20,355	3.66	744	17	14,935	3.61	539	8-72		29	743	.02	30	55
35-20-0065	7129748	1427381	7-68	2	305	18,345	3.68	676	12	14,945	3.71	555	9-72		40	1,019	.04	43	77
35-20-0088	6964099	1473442	1-68	3	305	20,037	3.36	673	34	15,340	3.68	565	8-72		41	872	-.08	19	51
35-20-0088	7232052	1477381	1-69	3	305	18,626	4.04	752	28	16,470	3.51	578	3-73		42	526	.10	34	50
35-20-0088	7436720	1387978	11-69	2	305	20,585	3.31	681	27	16,875	3.43	579	3-73		40	817	-.03	25	54
35-20-0088	7693022	1450228	11-70	1	305	23,490	2.81	661	29	16,380	3.38	553	1-73		36	1,061	-.10	23	62
35-20-0091	6191524	1429641	11-64	6	299	20,042	3.28	657	20	15,360	3.63	558	1-73		35	833	-.06	20	51
35-20-0091	7245110	1357797	5-68	2	305	21,850	3.24	708	20	15,295	3.66	560	3-72		40	891	.04	38	68
35-20-0091	7447728	1357797	11-69	1	305	19,330	3.85	744	14	15,130	3.78	572	4-72		35	547	.11	37	53
35-20-0102	5948949	1408717	5-63	7	299	18,583	3.94	732	22	16,001	3.50	560	10-72		36	575	.08	33	51
35-20-0102	7171763	1236789	11-66	5	305	21,128	3.54	748	32	17,186	3.51	604	3-73		44	855	.01	32	62
35-20-0107	6098797	1236789	2-64	6	305	18,330	3.57	654	15	14,250	3.59	512	8-72		44	797	.00	29	57
35-20-0107	7150179	1357797	1-68	2	305	19,265	3.44	663	23	14,700	3.63	533	3-73		40	676	.07	35	57
35-20-0110	6360151	1357797	2-65	5	250	19,170	4.12	789	15	16,126	3.66	591	8-72		44	630	.17	48	66
35-20-0110	6958033	1236789	1-67	4	305	18,042	3.97	717	14	15,607	3.66	571	8-72		43	606	.05	30	50
35-20-0110	7565958	1236789	8-68	2	305	19,805	4.02	797	13	16,190	3.71	600	2-72		40	695	.05	33	56
35-20-0112	7467740	1306247	9-69	2	217	21,495	3.55	763	16	16,550	3.67	608	3-73		40	850	-.04	25	56
35-20-0112	7872197	1538096	9-70	1	305	22,560	3.53	797	10	15,740	3.69	581	3-73		25	835	-.03	26	56
35-20-0119	7231561	1236789	12-68	2	300	20,155	3.61	728	16	16,080	3.82	614	6-72		40	740	-.01	25	51
35-20-0119	7231562	1236789	12-68	2	305	22,505	3.32	748	20	16,830	3.75	631	3-72		40	918	-.05	25	58
35-20-0149	6615982	1236789	4-66	5	305	18,828	3.92	738	18	16,000	3.60	576	4-73		44	679	.06	33	55
35-20-0158	7561786	1419376	5-68	3	305	19,590	3.79	743	35	14,930	3.88	579	1-73		42	734	.05	34	58
35-20-0158	7561787	1419376	6-68	2	305	21,555	3.55	766	35	15,285	3.83	585	4-72		40	843	.02	34	63
35-20-0177	7393288	1432733	3-69	2	189	18,950	3.63	687	10	13,870	3.70	513	7-72	B	40	800	-.01	27	55
35-20-0187	7111486	1383004	5-68	3	305	22,507	3.43	772	22	16,470	3.77	621	4-73		42	690	.05	32	55
35-20-0187	7389853	1427381	12-68	2	305	17,865	4.00	714	12	16,105	3.68	593	8-72		40	876	.08	44	73
35-20-0190	5418028	1357797	5-61	9	305	18,429	3.97	732	9	16,911	3.58	606	5-72		44	452	.15	39	51
35-20-0190	5964586	1236789	7-63	7	305	19,090	3.92	780	9	16,541	3.59	594	2-73		44	761	.06	37	62
35-20-0200	6959530	1487040	7-67	4	305	23,675	3.02	716	16	15,440	3.63	560	11-72		33	1,415	-.11	33	85
35-20-0200	7327520	1487040	12-68	2	305	21,025	3.35	705	17	15,735	3.64	572	10-72		29	874	-.02	28	59
35-20-0200	7612308	1487040	12-69	1	305	18,750	4.40	825	12	14,320	3.78	541	5-72		23	619	.10	37	56
35-20-0208	6209284	1236789	12-64	5	305	20,088	3.47	697	16	15,604	3.79	592	10-72		44	885	-.04	26	58
35-20-0208	6769219	1236789	2-67	3	305	22,776	3.58	816	19	16,410	3.82	627	11-72		42	1,068	-.02	35	73
35-20-0208	7709928	1447414	6-70	1	305	21,270	3.50	745	29	16,800	3.68	618	8-72		36	972	-.04	28	63
35-20-0209	7014101	1236789	11-67	3	305	21,006	3.39	713	8	16,923	3.47	588	2-72		42	814	-.01	27	56
35-20-0209	7149545	1357797	9-68	3	305	20,583	4.05	833	10	17,387	3.54	616	12-72		42	638	.16	48	66
35-20-0209	7763212	1419376	10-70	1	305	23,010	3.23	744	13	16,290	3.60	587	11-72		35	735	.00	27	53
35-20-0216	7257579	1419376	3-69	2	305	21,760	3.54	771	36	17,115	3.72	637	1-73		40	714	.03	30	54
35-20-0216	7543864	1357797	10-69	1	305	20,500	3.93	805	27	15,170	3.96	601	5-72		35	632	.11	40	59
35-20-0217	6752500	1222994	7-66	3	305	20,470	3.76	770	16	16,300	3.45	562	10-72		42	773	.05	35	61
35-20-0219	7485038	1419376	2-70	2	305	19,275	4.11	793	17	15,100	4.01	606	1-73		40	625	.08	35	55
35-20-0225	7769540	1236789	7-69	1	305	20,630	4.02	830	11	15,330	3.96	607	9-72		35	725	.03	30	55
35-20-0230	7606644	1357797	1-70	1	305	18,980	3.98	755	27	14,610	3.76	549	4-72		35	552	.13	39	55
35-20-0236	7247253	1507280	10-68	3	303	21,993	3.71	816	11	17,213	3.68	633	3-73	H	33	927	-.01	32	65
35-20-0236	7843847	1428104	1-71	1	305	25,380	3.20	811	19	17,710	3.61	639	12-72		36	1,084	-.12	20	61
35-20-0253	6361793	1357797	7-65	6	301	18,937	4.03	764	7	16,623	3.83	637	10-72		44	548	.13	40	56
35-20-0253	7031085	1357797	3-68	3	305	19,143	4.15	795	11	16,493	3.92	647	6-72		42	554	.14	41	57
35-20-0253	7338348	1236789	4-69	2	305	22,445	3.82	858	12	17,165	3.87	664	10-72		40	885	.01	34	64
35-20-0263	7029915	1236789	3-68	3	305	18,286	4.02	735	22	14,193	3.85	546	10-72		42	752	.04	33	58
35-20-0264	6000929	1236789	12-63	5	305	22,246	4.02	895	10	14,884	3.80	566	1-72		44	1,241	.07	55	97
35-20-0264	6491802	1236789	11-65	4	303	20,077	3.54	710	7	15,415	3.94	608	11-72		43	878	-.04	26	57
35-20-0273	6246175	1294703	12-64	6	305	19,858	3.27	649	11	15,423	3.62	558	1-73		44	944	-.08	21	56
35-20-0437	6339001	1330987	1-65	6	305	17,568	3.88	681	7	14,675	3.50	514	10-72		44	616	.08	35	54
35-20-0468	7393958	1394655	11-67	3	305	22,507	3.28	739	7	15,447	3.61	557	3-72		42	1,014	-.14	15	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-20-0500	7135021	1386406	4-68	4	303	21,485	3.30	709	12	16,640	3.65	607	4-73		44	837	-.05	23	$ 53
35-20-0504	7514251	1515117	7-69	2	305	20,530	3.28	674	12	14,905	3.46	515	12-72		38	756	-.02	24	51
35-20-0507	6685789	1377954	11-66	4	305	18,115	4.15	752	19	15,275	3.62	553	7-72		44	691	.09	39	61
35-20-0507	7117836	1387978	8-68	3	305	20,887	2.97	621	17	15,867	3.67	583	2-73		42	987	-.11	19	56
35-20-0543	6958032	1236789	12-66	3	291	21,923	3.29	722	5	16,796	3.89	653	11-71		42	933	-.07	22	56
35-20-0543	6993403	1236789	1-67	3	305	21,633	3.39	733	6	16,670	3.86	644	1-73		42	911	-.06	24	57
35-20-0584	7749135	1447414	2-71	1	305	17,650	3.04	536	5	13,690	3.27	447	4-73		36	888	-.06	23	55
35-20-0628	6791901	1330987	2-67	4	304	17,387	3.35	583	15	13,392	3.54	474	8-72		44	708	.01	27	51
35-20-0629	8124433	1387978	7-70	1	305	16,790	3.95	664	10	13,050	3.68	480	10-72		36	675	.02	27	50
35-22-0001	6457873	1245390	8-65	5	305	19,310	3.07	592	14	13,176	3.72	490	8-72		43	1,061	-.15	15	56
35-22-0025	6787654	1314767	11-66	4	305	19,352	3.95	765	12	14,957	3.58	536	12-72		44	656	.07	35	56
35-22-0029	7736300	1427381	8-70	1	305	19,270	3.37	649	9	16,400	3.21	527	2-73		36	951	-.04	41	73
35-22-0047	7088445	1427381	3-68	2	305	16,695	3.56	595	21	13,210	3.57	472	11-71		40	992	.03	41	75
35-22-0047	7457994	1427381	8-69	1	305	17,860	4.26	760	25	13,640	3.56	485	1-72		36	1,010	.10	52	85
35-22-0048	6958496	1478578	10-67	3	305	22,976	2.89	664	7	15,436	3.42	528	7-72		37	1,110	-.13	20	62
35-22-0048	7965483	1450228	9-70	1	305	22,670	3.34	758	20	17,810	3.49	622	12-72		36	914	-.04	26	59
35-22-0052	7927805	1458744	12-69	1	305	21,980	3.66	804	19	17,410	3.88	671	1-73		36	807	-.02	26	55
35-22-0052	7952965	1458744	9-70	1	305	20,150	4.06	819	14	16,570	3.80	630	10-72		36	721	.02	29	54
35-22-0056	6262335	1383004	3-65	5	300	20,308	3.87	786	18	15,638	3.63	568	1-72		44	583	.13	41	58
35-22-0056	7459868	1509637	9-69	2	305	23,295	3.22	751	23	16,765	3.63	609	11-72		38	861	-.07	20	52
35-22-0066	6996774	1386406	7-66	4	305	20,057	3.26	654	13	14,307	3.66	523	10-72		44	891	-.05	25	57
35-22-0072	6142247	1404780	7-64	7	297	19,781	3.88	767	12	16,107	3.76	606	12-72		36	616	.05	30	50
35-22-0072	6498816	1329588	3-66	5	305	20,852	3.65	761	15	16,090	3.78	608	12-72		44	837	-.02	27	57
35-22-0078	7403293	1429640	9-69	2	305	20,575	3.45	709	11	13,245	3.72	493	2-73		40	785	-.04	22	50
35-22-0087	7309584	1417208	3-69	2	305	17,470	3.59	628	5	13,065	3.71	485	1-73		40	747	.00	27	53
35-22-0182	7769299	1427381	1-70	1	305	19,320	2.96	571	6	12,720	3.51	446	8-72		36	1,174	-.01	40	81
35-22-0182	7769300	1427381	2-70	1	305	15,770	3.47	546	6	13,030	3.62	472	11-72		36	891	.03	37	67
35-22-0182	7769301	1427381	9-70	1	305	16,320	3.46	565	6	13,030	3.62	472	11-72		36	932	.03	38	70
35-22-0225	7354216	1493686	5-69	2	305	20,945	3.94	825	20	17,240	3.67	633	2-73		40	804	.07	39	65
35-22-0225	7662067	1242221	6-70	1	298	20,370	4.02	818	15	16,450	3.78	621	9-72		34	993	.03	40	74
35-22-0227	7513762	1427381	2-70	1	305	18,710	3.64	681	9	14,290	3.73	533	9-72		36	1,035	.04	43	78
35-22-0227	7606861	1427381	1-70	2	305	18,415	3.46	638	13	15,860	3.85	610	2-73		40	952	.00	34	67
35-22-0232	7392684	1428104	5-68	2	278	21,660	2.85	618	19	15,505	3.61	559	12-72	H	40	1,081	-.17	12	54
35-22-0232	7760605	1481185	10-69	1	305	21,370	3.43	733	8	13,890	3.48	483	6-72		35	735	.00	27	53
35-22-0261	7402958	1458744	5-69	2	305	21,050	3.71	781	11	16,325	3.66	598	3-73		40	914	.00	33	65
35-22-0286	7479064	1427381	1-70	1	305	18,790	3.43	645	27	15,500	3.56	552	8-72		36	968	.03	39	72
35-22-0383	7187250	1377052	11-68	3	305	21,346	4.17	890	21	17,593	3.71	652	2-73		42	627	.09	36	56
35-22-0497	6976767	1377954	12-67	3	305	18,393	3.43	631	16	14,903	3.61	538	1-73		42	740	-.01	25	51
35-22-0513	7483320	1427381	11-69	1	305	17,180	3.70	636	20	13,680	3.36	459	7-72		36	957	.06	44	76
35-22-0529	6990648	1493686	10-67	3	298	16,943	3.80	643	19	13,990	3.63	508	3-73		42	687	.09	32	55
35-22-0529	7001243	1398216	10-67	3	305	19,120	3.22	616	22	14,177	3.66	519	3-73		42	881	-.09	17	50
35-22-0529	7368453	1427381	4-69	2	301	17,780	3.38	601	32	13,605	3.59	489	10-72		40	1,070	.02	41	78
35-23-0008	7548436	1386406	3-69	2	305	19,910	3.57	710	18	14,350	3.62	519	8-72		40	759	.01	29	55
35-23-0010	6498898	1452812	2-66	5	298	19,112	3.70	707	22	13,920	3.78	526	3-72		32	801	.00	29	57
35-23-0010	6768982	1458744	3-67	3	305	17,756	3.77	670	19	14,743	3.76	555	10-72		42	736	.00	27	53
35-23-0010	6840168	1458744	5-67	4	303	17,285	4.07	704	19	15,012	3.75	563	10-72		44	668	.05	31	53
35-23-0012	5883309	1408166	7-63	6	305	21,128	3.79	800	30	17,013	3.57	607	7-72		35	775	.07	38	63
35-23-0012	6259023	1314767	11-64	6	303	22,916	3.55	814	31	17,008	3.56	636	2-72		44	836	.02	33	62
35-23-0012	7224114	1386406	12-68	3	305	23,776	3.10	737	30	18,040	3.59	648	2-73		42	932	-.07	22	56
35-23-0022	6806405	1465678	1-67	2	305	17,670	4.28	756	27	15,115	3.74	565	4-73		36	677	.07	35	57
35-23-0022	7034224	1495881	3-68	2	305	18,545	3.74	693	25	14,920	3.75	560	12-71		38	807	-.03	25	54
35-23-0022	7150900	1428104	9-68	2	305	19,370	3.31	641	30	14,600	3.75	547	9-72		40	922	-.12	15	50
35-23-0022	7184520	1458744	10-68	3	305	18,216	3.79	690	17	15,660	3.64	570	3-73		42	704	.02	28	52
35-23-0024	7149820	1377052	7-68	3	299	20,216	3.14	635	9	13,253	3.67	486	2-73		42	897	-.07	22	55
35-23-0026	7154197	1487834	3-68	3	305	18,693	3.67	686	56	14,097	3.81	537	10-72		33	796	.00	28	56
35-23-0026	7635854	1428104	4-70	1	305	20,290	3.30	669	54	14,320	3.72	533	4-72		36	907	-.11	16	50
35-23-0029	7528901	1447414	1-70	1	305	18,680	3.25	607	12	15,280	3.48	532	9-72		36	870	-.05	23	55
35-23-0032	6534170	1428104	10-64	5	305	23,868	3.64	868	19	16,750	3.68	617	12-71		44	1,381	-.06	40	90
35-23-0034	6381921	1314767	4-65	5	305	20,330	3.71	754	16	15,910	3.76	598	5-72		44	707	.02	29	53
35-23-0034	7031291	1495881	12-67	3	305	19,303	3.91	754	18	16,853	3.65	615	6-72		41	751	.01	29	55
35-23-0034	7031292	1495881	3-68	2	305	21,985	3.14	785	17	16,440	3.70	608	9-71		38	1,353	-.11	31	81
35-23-0034	7113943	1465678	3-68	3	305	19,643	3.48	684	18	16,630	3.70	616	8-72		39	794	-.03	24	52
35-23-0042	7077720	1495881	1-68	3	305	17,543	3.60	631	16	13,686	3.67	502	10-72		41	842	-.03	25	55
35-23-0046	6408816	1242221	9-65	4	305	19,058	3.25	619	20	14,113	3.67	518	1-72		42	1,200	-.06	34	77
35-23-0046	6908892	1347448	6-67	3	305	18,100	4.09	741	22	13,150	3.73	490	7-72		42	638	.08	35	55
35-23-0048	6432862	1242221	7-65	5	305	18,696	4.01	749	19	14,744	3.77	556	7-72		43	1,105	.05	47	84
35-23-0048	6765250	1450780	12-66	4	305	19,335	3.87	748	13	15,325	3.72	570	1-73		41	725	.03	30	55
35-23-0048	7382275	1393997	8-69	2	305	20,560	4.01	824	20	16,415	3.80	623	1-73		40	768	.04	34	60
35-23-0057	6687264	1261857	12-66	4	303	16,830	3.84	646	15	14,708	3.67	540	9-72		44	563	.08	32	50
35-23-0057	6904866	1261857	5-67	3	305	18,813	3.69	695	17	14,377	3.72	535	10-72		42	810	.05	37	64
35-23-0074	7342921	1458744	2-69	2	305	18,560	3.64	675	20	14,815	3.54	525	11-72		40	784	.01	29	56
35-23-0075	6350426	1286632	4-65	5	300	17,448	4.14	723	30	14,798	3.62	536	1-73		40	560	.11	37	54
35-23-0076	7312958	1393997	1-69	2	305	17,855	4.68	836	24	15,800	3.85	609	6-72		40	542	.12	37	53
35-23-0076	7483316	1495881	6-69	2	305	17,755	4.31	765	18	15,235	3.93	599	9-72		38	698	.03	30	54
35-23-0079	7146633	1428104	7-68	3	302	18,003	3.80	684	20	14,200	3.82	542	1-73		42	851	-.06	22	53
35-23-0091	6811543	1330987	1-67	5	294	17,852	3.41	608	24	13,674	3.44	470	1-73		44	756	.02	30	56
35-23-0093	6787221	1398216	11-66	4	304	19,763	3.14	621	19	14,940	3.71	555	5-72		44	919	-.12	15	50
35-23-0099	6119782	1370467	5-64	6	305	20,347	3.42	696	16	14,983	3.81	571	1-72		36	885	-.07	21	54
35-23-0101	6522331	1314767	11-65	5	305	18,684	3.69	690	16	14,434	3.58	517	1-73		44	647	.04	29	51
35-23-0102	6576212	1330987	1-66	4	305	23,097	3.42	790	11	15,742	3.89	613	2-72		44	1,181	-.03	38	80
35-23-0102	6826434	1377954	12-66	4	297	19,020	3.72	707	10	16,055	3.72	597	9-72		44	726	.02	29	54
35-23-0103	7865126	1458744	7-70	1	305	21,390	3.25	695	9	15,330	3.48	533	1-73		36	887	-.04	26	58
35-23-0107	7088066	1330987	3-68	3	305	19,466	3.51	684	19	16,196	3.61	584	3-73		42	663	.03	28	50
35-23-0169	7638131	1428104	11-69	2	305	21,030	3.30	693	11	16,390	3.39	555	2-73		40	945	-.09	20	55
[illegible]-0176	7466048	1427381	7-69	1	305	20,650	3.76	776	12	16,080	3.52	566	2-72		36	1,072	.06	48	84

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D	(%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-23-0176	7478546	1427381	11-69	1	305	17,160	4.20	720	10	15,520	3.63	563	4-72		36	846	.09	44	$ 71
35-23-0235	7568094	1427381	1-70	1	305	18,730	3.90	730	32	13,770	3.66	504	8-72		36	1,067	.06	48	84
35-23-0241	6609398	1377052	3-66	4	305	19,282	3.53	680	14	14,147	3.68	521	5-72		44	747	-.01	25	51
35-23-0279	6979216	1340861	10-66	4	301	18,195	4.07	741	18	15,790	3.81	601	10-72		40	606	.05	30	50
35-23-0279	7279228	1340861	4-67	3	305	20,143	4.05	815	15	15,453	3.79	586	10-71		39	861	.06	40	69
35-23-0279	7821921	1499368	5-69	2	305	23,000	3.50	806	17	15,320	3.81	584	9-72		39	951	-.09	20	55
35-23-0336	7628278	1427381	1-69	3	295	16,613	3.67	609	9	14,316	3.73	534	3-73		42	902	.04	38	69
35-23-0452	7069677	1488027	6-66	3	305	21,003	3.09	648	21	13,293	3.61	480	2-73		29	1,061	-.10	23	62
35-23-0485	7564609	1308101	10-69	2	305	20,510	3.49	716	18	15,045	3.89	586	1-73		40	1,140	-.06	32	73
35-23-0495	7771086	1427381	12-69	2	305	16,090	3.72	599	14	14,520	3.73	541	2-73		40	825	.04	36	64
35-23-0495	7771092	1552871	7-69	2	305	19,340	3.52	681	9	14,575	3.61	526	11-72		29	761	-.02	24	51
35-23-0498	7072008	1480335	1-68	3	305	18,947	3.66	694	18	14,603	3.49	509	11-72		32	791	.05	36	62
35-24-0022	7528000	1427381	8-68	2	305	17,085	3.79	647	18	12,975	3.78	490	1-72		40	1,051	.05	45	80
35-24-0022	7528004	1427381	4-69	1	305	18,630	3.86	719	10	10,640	3.65	388	3-72		36	1,246	.06	54	96
35-24-0022	7740506	1427381	10-69	1	281	16,370	3.59	587	9	10,330	3.69	381	4-72		36	1,096	.04	45	82
35-24-0024	6614551	1458744	4-66	5	303	19,338	3.98	770	17	16,826	3.81	641	10-72		44	753	.03	32	57
35-24-0024	6950161	1236789	6-67	3	305	20,310	4.15	843	25	17,373	3.91	679	2-72		42	691	.06	34	57
35-24-0024	7177589	1392858	9-68	2	305	20,960	4.29	900	23	16,760	3.85	645	6-72		40	641	.10	39	59
35-24-0024	7424312	1427381	8-69	1	305	18,530	4.51	836	21	16,850	4.00	674	3-72		36	869	.10	46	74
35-24-0024	7664254	1427381	3-70	1	305	23,720	3.57	846	20	15,890	3.80	604	7-72		36	1,313	.02	51	96
35-24-0027	5234365	1070036	7-60	5	305	20,488	3.86	791	9	15,460	3.97	613	8-72		44	870	.05	39	68
35-24-0038	7568758	1427381	12-69	1	305	17,110	3.99	683	24	15,320	3.92	600	2-72		36	854	.05	39	67
35-24-0039	7333534	1427381	6-69	2	305	18,570	3.46	643	15	15,160	3.58	542	10-72		40	1,024	.02	40	75
35-24-0039	7569150	1427381	11-69	1	305	20,700	3.43	710	22	16,470	3.49	574	1-72		36	1,053	.03	43	79
35-24-0039	7569152	1427381	2-70	1	305	19,250	3.81	733	26	16,760	3.44	577	2-72		36	928	.07	44	75
35-24-0039	7624799	1427381	3-70	1	305	21,270	3.40	724	17	15,640	3.61	564	5-72		36	1,145	.02	44	83
35-24-0039	7793722	1427381	5-70	1	290	15,380	3.83	589	14	13,600	3.75	510	8-72		36	828	.05	37	65
35-24-0039	7854885	1428104	11-70	1	305	23,060	2.94	677	23	16,600	3.54	588	11-72		36	977	-.14	13	51
35-24-0058	6858974	1236789	11-66	5	292	21,640	3.37	730	14	16,518	3.77	623	10-72		44	992	-.06	27	63
35-24-0064	6768367	1236789	11-66	5	305	19,840	3.63	720	25	14,528	3.74	543	12-72		44	965	.00	35	69
35-24-0064	7263875	1383004	11-68	2	305	19,710	4.15	818	21	14,960	3.82	572	1-72		40	440	.15	39	51
35-24-0196	7327112	1365341	5-69	2	214	19,910	3.46	689	35	15,060	3.48	524	10-72		40	976	-.02	32	67
35-25-0019	7020895	1383004	9-67	3	305	21,493	3.71	798	17	14,180	3.57	506	9-72		42	784	.11	45	70
35-25-0022	7243901	1387978	11-68	3	305	20,423	3.24	661	24	15,850	3.59	569	4-73		42	935	-.06	24	50
35-25-0026	6568042	1470287	5-66	5	303	19,492	4.29	836	23	15,486	3.72	576	1-73		35	568	.15	43	59
35-25-0026	6647248	1190953	10-66	5	305	20,080	3.53	708	24	15,944	3.71	591	2-73		42	710	.00	26	51
35-25-0026,	7195365	1383004	11-68	2	305	21,525	4.00	862	24	15,950	3.68	587	7-72		40	544	.15	42	57
35-25-0036	6623544	1480536	6-66	5	303	20,836	3.37	703	9	16,970	3.46	588	3-73		36	868	-.05	24	55
35-25-0036	6881891	1480536	4-67	4	305	20,742	3.31	687	9	16,515	3.52	582	1-73		35	887	-.07	21	54
35-25-0036	6891251	1480536	5-67	4	305	18,790	3.85	723	5	15,085	3.63	548	8-72		35	772	.02	31	57
35-25-0036	6891252	1480536	5-67	4	305	23,620	3.23	763	8	17,410	3.46	603	3-73		35	1,195	-.08	30	74
35-25-0036	7587707	1480536	11-69	2	305	24,360	3.14	765	10	17,220	3.50	602	12-72		30	1,144	-.10	26	68
35-25-0056	7385863	1427381	2-69	2	305	21,255	3.84	816	13	14,160	3.81	539	10-72		40	1,378	.05	58	105
35-25-0056	7445844	1427381	5-69	2	305	17,605	3.87	682	12	14,185	3.81	541	12-72		40	1,006	.05	44	78
35-25-0056	7467278	1427381	7-69	2	296	17,945	3.79	680	11	14,365	3.79	545	2-73	B	40	1,025	.05	44	79
35-25-0056	7509388	1427381	8-69	1	305	18,230	3.89	709	19	14,050	3.77	530	4-72		36	1,013	.05	45	79
35-25-0056	7624044	1427381	1-70	1	305	16,820	4.08	686	19	14,050	3.77	530	4-72		36	908	.07	44	74
35-25-0056	7624046	1427381	2-70	1	305	16,180	3.92	635	19	14,050	3.77	530	4-72		36	860	.06	40	69
35-25-0056	7710324	1427381	5-70	1	305	16,950	3.90	661	14	14,490	3.80	551	7-72		36	892	.05	40	70
35-25-0073	6571451	1424849	3-66	5	305	20,332	3.43	698	17	15,456	3.91	605	10-72		36	964	-.07	23	58
35-25-0073	7493259	1428104	12-69	2	305	23,110	3.48	805	19	16,175	3.92	634	2-73		40	1,174	-.11	25	69
35-25-0114	7680974	1447414	8-70	1	305	16,260	3.51	570	10	14,270	3.44	491	10-72		36	750	-.03	23	50
35-25-0201	7500702	1427381	9-69	2	305	17,960	3.57	641	31	12,920	3.75	484	9-72		40	1,144	.02	45	84
35-25-0201	7500703	1427381	10-69	2	305	18,535	3.64	674	26	14,235	3.66	521	3-73		40	1,096	.04	45	82
35-25-0201	7500704	1427381	10-69	2	302	18,000	3.64	655	36	14,510	3.66	531	2-73		40	1,019	.04	43	77
35-25-0201	7500705	1427381	10-69	1	305	18,900	3.72	704	38	13,120	3.77	495	5-72		36	1,119	.04	47	85
35-25-0201	7500706	1427381	11-69	1	305	15,820	3.78	598	38	13,120	3.77	495	5-72		36	889	.05	39	69
35-25-0201	7743616	1427381	9-70	1	305	17,700	3.76	665	28	15,620	3.63	567	11-72		36	880	.05	40	69
35-25-0201	7743617	1427381	10-70	1	305	20,600	3.33	685	30	15,720	3.63	570	12-72		36	1,090	.01	41	79
35-25-0201	7743620	1447414	1-71	1	305	19,970	3.35	669	25	15,880	3.61	573	3-73		36	930	-.05	25	59
35-25-0201	7871461	1447414	3-71	1	305	17,930	3.64	653	15	15,670	3.62	567	4-73		36	791	-.03	24	52
35-25-0269	8054030	010288790	6-67	1	305	19,640	4.09	804	6	14,480	3.81	552	2-73		34	705	.10	41	63
35-25-0358	6815933	1330987	3-67	4	305	18,470	3.90	721	17	15,477	3.79	586	10-72		44	636	.07	33	54
35-25-0358	7505942	1458744	12-69	2	305	19,130	3.95	755	10	14,920	3.79	565	4-73		40	833	.02	33	62
35-25-0413	7433719	1308101	6-69	2	303	17,085	3.53	603	24	14,610	3.64	532	6-72		40	827	-.03	25	55
35-25-0461	6921373	1471628	6-67	1	305	27,800	3.56	990	39	14,660	3.59	527	12-72		19	1,249	-.01	44	88
35-27-0003	6774618	1383004	10-66	3	305	21,343	4.10	875	29	15,813	3.80	601	9-72		42	616	.16	46	64
35-27-0003	7377616	1400575	8-69	2	305	21,110	3.50	738	46	15,760	3.86	608	9-72		40	891	-.10	17	50
35-27-0004	6243851	1314767	12-64	1	305	25,360	3.30	836	13	16,710	3.91	654	2-73		36	793	-.04	23	52
35-27-0004	6616728	1276654	9-66	4	302	21,588	3.45	745	18	15,920	3.96	630	4-72		44	847	-.06	21	52
35-27-0017	6372358	1314767	11-63	5	302	16,998	3.61	614	10	11,654	3.66	427	5-72		44	716	.01	28	53
35-27-0025	7062644	1242221	5-68	3	286	17,127	4.13	707	26	15,513	3.94	611	10-72		41	810	.04	35	62
35-27-0025	7251920	1495881	12-68	2	305	20,250	4.02	814	17	15,690	3.81	598	6-72		38	921	.01	35	67
35-27-0025	7829881	1308101	7-69	1	305	19,460	4.09	795	26	16,120	3.82	615	12-72		36	884	.01	34	64
35-27-0039	7189329	1428104	10-68	3	305	26,613	4.10	1092	33	14,696	3.91	574	9-72		42	1,796	.01	66	128
35-27-0039	7212634	1393997	12-68	3	295	22,870	4.06	928	31	15,696	3.87	607	11-72		42	1,160	.06	51	90
35-27-0044	6501585	1432742	1-66	4	255	19,555	3.59	703	6	13,660	3.64	497	3-73		35	849	.02	34	63
35-27-0050	6414136	1314767	12-65	4	305	19,585	3.39	664	12	13,320	3.66	487	10-72		44	846	-.02	28	58
35-27-0050	6921753	1340861	8-67	3	305	17,383	3.79	659	16	13,380	3.71	497	12-72		39	726	.02	29	54
35-27-0052	6545623	1330987	1-66	5	305	20,130	3.86	777	15	15,076	3.69	557	8-72		44	905	.07	43	73
35-27-0052	7156698	1408640	8-68	3	305	20,537	3.78	776	15	16,413	3.73	613	12-72		42	703	.02	29	53
35-27-0059	6970489	1374286	9-67	3	305	18,800	3.16	595	16	13,076	3.72	486	3-72		39	1,104	-.12	21	62
35-27-0078	6248130	1415706	9-64	4	305	18,043	4.14	747	9	14,163	3.72	527	10-72		35	651	.10	39	59
35-27-0078	6846738	1415706	11-65	4	304	20,278	3.86	783	10	14,893	3.75	558	2-72		35	888	.06	41	70
35-27-0104	7257987	1387978	1-69	2	305	16,865	4.06	684	20	13,485	3.69	498	9-72		40	714	.04	32	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	Y C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-28-0002	7491281	1447414	11-69	1	305	16,990	3.64	619	44	14,040	3.72	522	8-72		36	818	-.04	24	$ 53
35-28-0002	7491282	1447414	12-69	1	305	19,660	3.62	712	46	13,750	3.71	510	11-72		36	1,034	-.03	32	69
35-28-0004	6527794	1441026	8-65	5	305	18,108	3.80	688	33	14,672	3.75	550	1-73		43	851	-.03	26	56
35-28-0004	7325731	1387978	1-69	2	305	18,005	3.90	703	31	14,900	3.74	557	6-72		40	715	.02	29	53
35-28-0013	6323343	1429512	1-65	6	303	17,325	3.68	638	20	12,443	3.75	467	10-72		36	728	.00	26	51
35-28-0018	5256349	1189870	10-60	6	305	19,918	3.84	764	13	15,412	3.66	564	1-73		44	757	.04	34	59
35-28-0018	5984410	1316533	10-63	6	305	21,335	3.50	747	15	15,222	3.76	572	8-72		44	731	-.01	24	50
35-28-0018	6902207	1483750	7-67	3	305	21,576	4.21	908	13	16,146	3.79	612	4-72		39	523	.12	37	52
35-28-0037	718+049	1480864	1-67	4	305	19,595	4.00	783	22	16,275	3.73	607	7-72		35	604	.07	32	51
35-28-0037	7356027	1451418	8-67	3	305	21,220	4.29	910	36	16,527	3.81	630	12-72		41	490	.13	37	51
35-28-0039	6770618	1462355	12-66	4	305	19,488	3.69	719	20	14,100	3.89	549	4-72		35	843	-.01	29	59
35-28-0040	7794730	1447414	2-71	1	305	16,150	3.70	597	50	14,070	3.53	496	12-72		36	754	-.02	24	51
35-28-0043	6378350	1396617	6-65	6	305	17,240	3.79	654	45	14,468	3.66	530	3-73		39	702	.00	25	50
35-28-0044	7218934	1236789	9-68	3	276	20,456	3.70	756	33	16,113	3.81	614	1-73	B	42	826	.00	30	59
35-28-0044	7482526	1365341	1-70	1	305	22,530	3.39	763	33	16,430	3.82	627	5-72		36	986	-.05	28	64
35-28-0044	7482540	1427615	12-69	1	305	22,550	3.59	810	43	17,110	3.72	637	1-72		36	910	-.10	17	51
35-28-0044	7603421	1365341	2-70	2	305	20,365	3.51	714	31	16,865	3.71	626	3-73		40	876	-.04	26	57
35-28-0044	7603423	1365341	3-70	1	305	20,920	3.26	681	39	17,040	3.74	638	3-72		36	830	-.06	21	51
35-28-0044	7733389	1365341	9-70	1	305	18,720	3.85	720	25	15,770	3.75	592	10-72		36	742	.00	27	53
35-28-0044	7825462	1365341	12-70	1	305	19,830	3.59	712	30	16,290	3.73	608	12-72		36	793	-.02	25	53
35-28-0046	6415005	1463905	7-65	4	305	20,325	3.45	702	14	15,503	3.57	553	1-72		30	760	-.02	24	51
35-28-0063	6377257	1222994	6-65	5	301	19,376	3.77	731	19	15,794	3.75	593	1-72		44	739	.02	29	54
35-28-0063	6923931	1489516	10-67	4	305	20,450	3.64	745	19	16,898	3.60	609	3-73		39	712	.00	26	51
35-28-0063	7679793	1447414	11-70	1	305	20,610	3.58	738	21	16,730	3.64	609	12-72		36	927	-.03	28	61
35-28-0079	6079294	1106334	1-64	6	305	22,112	3.46	766	19	14,818	3.68	545	7-72		44	991	.02	39	73
35-28-0079	7262383	1428104	10-68	2	305	20,325	3.48	707	25	14,505	3.70	537	11-72		40	1,027	-.09	23	61
35-28-0080	7756213	1447414	8-70	1	305	18,140	3.45	626	28	15,540	3.43	533	2-73		36	814	-.03	24	53
35-28-0083	6907680	1435446	10-67	3	305	19,683	3.87	761	19	15,717	3.65	574	3-72		34	661	.06	33	55
35-28-0084	6300413	1386406	11-64	6	302	18,276	3.95	721	11	14,921	3.65	544	7-72		44	627	.06	32	52
35-28-0091	6655766	1434967	8-66	5	305	16,976	4.55	772	14	13,188	3.82	504	1-73		36	406	.17	40	50
35-28-0091	6987110	1458744	11-67	2	305	17,070	3.97	678	21	12,485	3.95	493	1-73		40	822	.02	32	60
35-28-0092	6370975	1432139	9-65	5	305	22,954	3.58	821	30	18,460	3.66	676	1-73		35	979	-.02	32	67
35-28-0092	6718962	1261857	11-66	4	305	20,660	4.16	859	41	18,513	3.62	671	1-73		44	660	.14	45	65
35-28-0092	6884147	1261857	7-67	3	305	21,500	4.33	932	41	17,477	3.59	628	8-72		42	834	.17	56	81
35-28-0092	6884148	1261857	7-67	3	305	26,803	3.74	1003	27	19,000	3.61	685	2-72		42	1,304	.08	59	103
35-28-0092	7073544	1505185	12-67	3	305	21,657	3.88	841	42	18,080	3.62	655	8-72		29	609	.06	31	51
35-28-0092	7267612	1404788	6-68	3	305	24,300	3.59	872	43	18,460	3.67	677	11-72		42	711	.00	26	51
35-28-0092	7789474	1399283	2-70	1	305	26,860	3.45	928	40	18,570	3.70	688	8-72		36	928	-.05	25	59
35-28-0092	7789475	1399283	6-70	1	305	25,710	3.63	933	46	19,830	3.71	735	11-72		36	767	-.04	22	50
35-28-0092	7789480	1447414	4-70	1	305	25,410	3.67	932	46	19,400	3.71	719	10-72		36	1,126	-.03	36	76
35-28-0093	6850229	1386406	4-66	2	290	19,955	4.06	810	23	15,570	3.74	582	10-71		40	665	.07	34	56
35-28-0093	7414540	1377954	10-67	4	299	19,475	3.50	681	25	15,385	3.74	575	11-72		44	848	-.02	28	58
35-28-0094	7066143	1497769	1-68	3	305	19,486	3.60	702	22	10,786	3.90	421	11-72		32	1,296	-.03	42	88
35-28-0094	7093073	1497769	7-68	2	305	17,990	3.42	615	28	10,965	4.03	442	7-72		29	986	-.06	26	62
35-28-0094	7330325	1497769	1-69	3	305	19,003	3.34	635	44	10,700	3.92	419	2-73		32	1,240	-.07	33	78
35-28-0094	7392974	1497769	12-68	2	305	16,325	3.71	606	26	11,385	3.96	451	10-72		29	747	-.02	24	50
35-28-0094	7640583	1497770	5-69	2	302	18,070	3.66	662	37	11,950	3.88	464	11-72		29	737	.00	26	52
35-28-0099	7088154	1387978	3-68	3	305	23,297	3.05	711	17	16,840	3.69	622	4-73		42	1,175	-.11	25	69
35-28-0106	6860672	1373055	8-67	4	305	20,540	3.53	726	17	14,775	3.61	534	8-72		44	837	-.04	24	54
35-28-0111	6994562	1458744	1-67	4	305	17,145	3.91	671	19	14,242	3.80	541	1-73		44	726	.02	29	54
35-28-0111	7499752	1417208	10-69	2	305	20,795	3.17	659	25	14,930	3.75	545	2-73		40	965	-.06	25	60
35-28-0111	7499754	1427381	9-69	1	305	19,170	3.64	697	16	13,000	3.85	500	6-72		36	1,146	.03	46	85
35-28-0111	7726242	1458744	7-69	1	305	17,110	4.56	781	15	14,650	3.86	566	3-72		36	609	.05	30	50
35-28-0111	7726244	1427381	1-70	1	305	17,400	3.62	630	27	14,700	3.58	526	12-72		36	913	.05	40	71
35-28-0176	7591637	1393997	2-70	2	305	20,735	4.29	889	26	16,965	3.88	659	3-73		40	741	.07	38	62
35-28-0249	6856536	1261857	6-67	4	299	16,130	3.89	627	19	13,418	3.85	516	7-72		44	604	.07	32	51
35-28-0348	7048150	1303900	2-68	3	305	20,763	3.88	806	13	15,630	3.65	570	5-72		41	999	-.01	35	70
35-28-0348	7138386	1483693	7-67	3	305	19,540	4.12	805	10	14,780	3.81	563	10-72		29	683	.07	36	58
35-28-0348	7142613	1303900	5-68	3	268	19,440	3.78	735	14	14,630	3.60	526	3-73	B	41	938	-.02	31	64
35-28-0368	6028802	1393997	4-71	1	305	20,750	3.02	626	9	14,000	3.65	511	2-73		35	830	-.06	21	51
35-28-0441	7121135	1242221	3-68	3	305	16,103	3.43	552	19	14,460	3.66	529	2-73		41	789	-.03	24	52
35-28-0441	7489471	1242221	2-69	2	305	16,070	3.80	610	17	14,015	3.66	513	11-72		38	822	.02	32	60
35-29-0018	6165770	1444847	10-64	5	304	21,404	3.41	729	19	17,208	3.60	619	3-72		36	828	-.04	23	53
35-29-0018	6672839	1458744	11-66	5	303	21,424	3.80	814	17	17,492	3.58	626	1-73		44	954	.03	39	71
35-29-0018	6672841	1458744	12-66	4	304	19,700	3.64	717	17	16,767	3.60	604	4-73		44	792	.00	28	56
35-29-0018	6970136	1458744	10-67	3	305	20,633	3.27	674	18	16,436	3.65	600	6-72		42	911	-.06	23	56
35-29-0018	7207562	1458744	11-68	3	298	20,036	3.79	759	15	17,303	3.57	618	3-73		42	762	.02	31	57
35-29-0018	7207563	1458744	12-68	2	305	21,145	3.45	730	21	16,915	3.62	612	12-72		40	876	-.03	27	58
35-29-0018	7530841	1427381	2-70	1	305	16,990	4.24	721	24	15,280	3.59	549	7-72		36	847	.09	45	72
35-29-0023	7102185	1366229	2-68	3	305	20,943	3.41	715	10	15,246	3.77	575	11-72		42	734	.00	27	52
35-29-0035	7237537	1267271	12-66	3	305	18,876	3.76	710	16	14,403	3.71	534	4-72		42	736	-.02	24	50
35-29-0044	7664621	1524869	11-68	3	302	21,467	3.55	763	10	16,023	3.87	620	2-73		29	816	-.04	23	52
35-30-0005	7272879	1261857	8-68	2	305	23,450	4.08	957	16	15,500	3.86	598	9-72		40	1,141	.10	57	94
35-30-0019	6902940	1454778	11-66	4	305	23,900	3.38	807	32	15,642	3.84	600	2-73		37	1,176	-.08	30	73
35-30-0019	7066694	1497798	1-68	3	305	21,316	3.71	790	31	15,380	3.84	590	8-72		34	928	-.03	29	62
35-30-0019	7136181	1392858	9-68	3	305	21,236	3.59	762	37	15,843	3.83	606	12-72		42	815	.00	30	58
35-30-0020	7478428	1427381	11-69	1	305	17,900	3.89	696	6	14,730	3.73	550	3-72		36	948	.06	43	75
35-30-0035	7753377	1458744	7-70	1	305	20,250	3.60	728	23	14,880	4.01	596	12-72		36	829	-.03	25	55
35-30-0048	7595834	1533777	1-70	1	305	18,960	4.39	833	23	14,440	3.68	531	3-72		26	741	.08	39	63
35-30-0048	7830368	1533777	1-71	1	305	20,580	3.54	729	16	16,050	3.68	590	2-73		26	770	-.01	26	53
35-30-0048	7849588	1533777	1-71	1	305	20,510	3.92	805	15	16,140	3.67	593	3-73		26	757	.03	32	58
35-30-0055	6777010	1386406	2-67	3	261	22,343	3.58	800	9	17,073	3.69	630	3-72		42	856	.00	31	61
35-30-0059	7605711	1533777	2-70	1	190	19,550	4.17	816	14	14,370	3.90	560	9-72	B	26	797	.04	35	62
35-30-0070	7512964	1533777	9-69	2	297	20,495	3.50	717	19	17,040	3.64	620	1-73		31	788	-.02	25	53
35-30-0081	7537699	1308101	10-69	2	300	17,440	3.51	613	11	14,420	3.80	548	4-73		40	879	-.05	24	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES... NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-30-0087	6405137	1417208	10-65	5	305	18,822	3.98	750	15	17,260	3.62	625	12-72	44	578	.07	31	$ 50
35-31-0020	6634172	1391470	11-66	5	305	19,254	3.57	687	8	14,710	3.68	541	10-72	38	731	-.01	24	50
35-31-0022	7705566	1365341	6-69	2	305	17,405	3.61	628	36	14,550	3.75	546	10-72	40	763	-.02	24	51
35-31-0027	5907261	1340669	10-63	6	300	19,945	3.34	667	23	14,332	3.73	534	11-72	44	913	-.11	16	51
35-31-0027	7460289	1427381	1-70	1	303	20,180	3.63	732	20	14,850	3.77	560	9-72	36	1,111	.03	45	83
35-31-0028	7264457	1365341	12-68	2	305	17,120	3.79	648	47	14,930	3.72	556	9-72	40	703	.00	25	50
35-31-0030	5353585	1333496	12-60	6	305	19,745	4.08	805	19	15,018	3.72	559	6-72	37	837	.13	50	76
35-31-0030	6942471	1383926	8-67	3	305	20,500	3.37	691	34	14,893	3.91	582	11-72	42	826	-.04	24	54
35-31-0030	7359901	1397209	6-69	2	305	20,350	4.02	818	36	15,955	3.92	625	1-73	40	731	.02	29	54
35-31-0032	6687266	1458744	3-66	4	305	21,587	4.15	895	6	14,837	3.74	555	8-72	44	1,216	.07	55	96
35-31-0036	6777259	1357797	2-67	4	305	18,573	4.46	828	13	14,620	3.84	562	7-72	43	689	.19	54	73
35-31-0036	7623757	1427381	9-68	2	305	19,660	3.92	770	14	15,860	3.97	630	3-72	40	1,078	.05	46	82
35-31-0036	7840216	1427381	4-70	1	305	18,270	3.79	693	18	14,030	3.96	555	11-72	36	1,017	.04	43	77
35-31-0095	7015922	1397209	1-68	2	305	18,700	4.25	794	23	15,270	3.84	587	8-72	40	620	.05	30	50
35-31-0095	7644822	1383926	5-70	1	305	22,470	3.80	853	30	14,960	3.81	570	12-72	36	757	.04	33	58
35-32-0017	6548096	1314767	2-66	3	305	19,443	3.86	750	12	14,053	3.94	554	3-72	42	714	.03	30	54
35-32-0017	7265685	1427381	8-68	2	305	17,475	3.56	622	14	13,840	3.77	522	5-72	40	1,020	.02	40	75
35-32-0023	6801152	1469311	3-66	4	305	20,107	3.55	714	8	15,297	3.60	551	3-72	43	709	.02	29	53
35-32-0032	6687949	1383926	1-67	4	300	20,780	3.93	816	24	15,010	3.78	568	11-72	44	893	.06	42	72
35-32-0035	7317428	1386406	2-69	2	305	20,860	3.94	822	19	15,785	3.66	577	10-72	40	739	.05	35	59
35-32-0038	6799773	1495205	1-67	4	305	20,713	3.60	745	31	15,028	3.95	594	12-72	30	877	-.04	25	57
35-32-0038	6946343	1475466	8-67	4	305	18,340	3.98	730	19	14,742	3.89	574	2-73	34	667	.04	30	52
35-32-0038	6946345	1475466	11-67	2	305	19,480	4.69	914	19	15,010	4.06	610	12-71	29	695	.13	45	66
35-32-0038	7568749	1450228	4-70	1	305	21,370	3.59	767	25	15,320	3.81	584	2-73	36	966	-.04	29	64
35-32-0038	7693884	1450228	9-70	1	305	25,720	3.08	791	27	15,660	3.88	608	11-72	36	1,270	-.10	30	77
35-32-0040	6830729	1261857	10-66	4	305	18,260	3.93	717	23	14,770	3.76	555	10-72	44	733	.08	39	63
35-32-0040	7009860	1261857	10-67	3	305	17,950	3.64	653	22	14,960	3.74	559	2-73	42	657	.04	30	52
35-32-0040	7368455	1477381	9-68	2	305	19,710	4.08	804	24	15,255	3.74	571	12-72	40	707	.08	38	61
35-32-0040	7368456	1387978	10-68	2	305	19,950	3.95	788	27	15,565	3.71	577	12-72	40	859	.03	36	65
35-32-0040	7368460	1387978	1-69	2	305	17,210	4.32	744	24	15,460	3.70	572	11-72	40	589	.07	32	51
35-32-0040	7586724	1447414	2-70	1	305	19,000	3.57	679	27	15,380	3.70	569	1-73	36	888	-.04	26	58
35-32-0041	6982208	1500081	1-67	3	304	21,870	3.49	764	21	14,923	3.75	559	7-72	29	999	-.03	31	67
35-32-0041	7237971	1477381	11-68	3	303	19,363	3.85	745	17	15,900	3.86	614	2-73	42	665	.04	30	52
35-32-0041	7680921	1450228	7-70	1	297	18,770	3.38	634	19	14,590	3.66	534	10-72	36	816	-.05	22	52
35-32-0042	7535491	1393997	3-70	1	305	22,300	4.11	917	16	16,030	3.79	608	7-72	35	824	.05	37	65
35-32-0044	6226554	1314767	8-64	6	304	21,735	3.98	864	23	17,051	3.83	653	7-72	44	770	.06	37	62
35-32-0044	7298518	1466939	4-69	2	305	25,655	3.50	899	24	17,305	3.98	689	10-72	40	924	-.01	31	64
35-32-0044	7613933	1427381	3-70	1	305	24,160	4.26	1030	26	18,190	3.90	710	10-72	36	1,208	.09	58	98
35-32-0045	5755379	1106334	1-63	7	303	20,030	3.69	740	17	15,887	3.75	595	1-73	44	607	.05	30	50
35-32-0061	7853665	1477381	6-69	2	305	20,315	4.03	818	23	16,630	3.85	641	2-73	40	657	.06	33	54
35-33-0003	7568338	1427381	10-69	2	305	18,270	3.67	670	17	15,555	3.58	557	1-73	40	962	.05	42	74
35-33-0003	7568340	1427381	2-70	2	305	22,920	4.02	921	16	15,725	3.60	566	3-73	40	1,420	.10	67	114
35-33-0003	7771379	1427381	9-70	1	305	19,580	4.23	828	24	16,060	3.77	605	8-72	36	994	.09	50	82
35-33-0007	6476193	1314767	7-65	4	303	22,155	3.33	738	14	15,997	3.60	576	8-71	44	899	-.03	28	60
35-33-0007	6476194	1314767	12-65	5	305	22,888	3.53	809	16	16,950	3.59	608	4-73	44	929	.01	35	67
35-33-0007	7357323	1428104	1-69	2	305	20,705	3.93	814	20	17,045	3.51	599	5-72	40	859	-.01	29	59
35-33-0007	7709871	1450228	10-70	1	305	19,630	3.54	694	11	16,520	3.42	565	3-73	36	765	-.02	25	52
35-33-0024	8258180	1428104	5-69	1	305	21,900	3.94	862	23	15,260	3.77	576	1-73	36	969	-.04	28	63
35-33-0028	7404459	1416669	4-69	2	305	21,540	3.73	804	31	16,080	3.68	591	2-73	40	627	.00	35	55
35-33-0028	7638374	1447414	1-70	1	305	18,950	3.41	647	40	15,260	3.72	567	5-72	36	891	-.05	24	56
35-33-0028	7734755	1447414	6-70	1	305	19,060	3.76	717	20	16,580	3.62	600	12-72	36	821	-.02	27	56
35-33-0030	4777447	1247659	12-58	6	302	21,152	3.58	758	21	14,635	3.61	529	12-72	36	941	-.01	32	65
35-33-0030	6110958	1314767	4-64	7	291	20,154	3.84	774	26	15,255	3.63	553	4-73	44	752	.06	36	61
35-33-0030	6282973	1373055	1-65	5	304	27,540	3.97	1093	25	14,816	3.63	538	5-72	44	1,766	.05	72	132
35-33-0030	7257835	1428104	10-68	2	305	28,795	3.73	1073	25	14,925	3.58	534	3-73	40	1,848	-.04	60	125
35-33-0030	7413473	1483844	5-69	2	305	27,610	3.45	952	24	14,790	3.60	532	3-73	40	1,378	-.03	44	93
35-33-0032	6374246	1406271	8-65	6	305	18,152	4.43	805	42	16,022	3.68	590	1-73	44	660	.15	47	66
35-33-0032	6900560	1366229	6-67	3	305	20,193	4.14	836	32	16,413	3.72	611	5-72	42	541	.12	38	54
35-33-0032	6967903	1450228	6-67	4	303	20,647	3.07	633	39	16,590	3.72	617	11-72	44	997	-.11	18	56
35-33-0032	6967907	1406271	1-68	3	305	17,940	4.18	750	29	14,413	3.77	544	8-72	42	763	.09	42	66
35-33-0032	7001994	1360676	1-67	3	305	19,893	3.74	744	40	16,203	3.74	606	2-72	41	794	.02	32	59
35-33-0032	7017761	1360676	1-68	4	304	19,603	3.79	743	45	16,453	3.71	610	2-73	42	761	.04	33	59
35-33-0032	7434613	1427381	8-69	2	305	19,500	3.32	648	58	15,630	3.71	580	1-73	40	1,081	-.01	38	76
35-33-0032	7434619	1450228	11-69	2	302	18,345	4.12	755	64	15,730	3.71	583	1-73	40	763	.04	33	59
35-33-0032	7695336	1447141	11-70	1	305	21,260	3.37	717	48	14,710	3.60	530	3-73	36	649	.03	28	50
35-33-0032	7695341	1427381	8-70	1	305	18,550	3.36	624	47	15,200	3.68	559	11-72	36	968	.01	37	70
35-33-0032	7866351	1450228	1-71	1	305	19,010	3.44	654	48	14,740	3.57	526	3-73	36	825	-.04	24	54
35-33-0047	6690934	1334642	7-66	3	305	21,357	3.47	741	31	16,097	3.55	572	6-72	42	744	.00	26	52
35-33-0064	7192417	1494192	12-68	2	305	20,525	3.76	772	30	14,490	3.74	542	12-71	29	737	.01	28	53
35-33-0064	7688645	1428104	7-70	1	305	19,360	3.63	703	40	13,880	3.59	498	2-73	36	863	-.06	21	53
35-33-0099	6176981	1344372	10-64	5	305	20,846	3.26	679	11	13,614	3.68	501	11-72	36	1,029	-.06	27	64
35-33-0099	6945447	1458744	12-67	3	305	17,753	3.50	621	9	12,998	3.67	477	7-72	42	896	-.03	28	60
35-33-0106	7551754	1428104	2-69	3	304	21,950	3.34	733	34	15,563	3.64	567	3-73	42	1,180	-.11	25	69
35-33-0112	6881462	1461718	7-67	3	305	23,047	3.05	702	17	17,263	3.55	612	2-72	32	995	-.13	16	54
35-33-0112	6977081	1261857	12-67	3	305	20,217	3.43	694	18	17,933	3.42	613	12-72	42	645	.04	30	51
35-33-0112	7211174	1427381	1-69	2	305	22,270	3.28	731	14	17,835	3.40	607	8-72	40	1,183	.01	44	85
35-33-0211	7612296	1427381	6-70	1	305	16,860	3.45	582	11	14,540	3.65	530	1-73	36	882	.03	36	66
35-33-0211	7612297	1427381	6-70	1	305	18,460	3.54	653	18	15,010	3.56	535	9-72	36	973	.04	41	74
35-33-0211	7612299	1427381	7-70	1	305	16,940	3.73	632	16	15,310	3.53	540	11-72	36	842	.06	39	67
35-33-0219	7101112	1330987	5-68	3	305	20,543	3.30	677	11	15,580	3.67	572	11-72	42	843	-.01	28	58
35-33-0253	7771087	1427381	12-69	1	305	16,120	3.55	572	17	14,600	3.83	559	3-72	36	823	.02	33	61
35-34-0018	7365280	1383926	3-69	2	305	19,815	3.46	685	17	14,320	3.62	518	11-72	40	732	.00	27	52
35-35-0018	6767946	1397209	10-66	5	305	21,392	3.51	751	16	17,980	3.60	647	3-73	44	768	-.03	23	51
35-35-0018	7267263	1427381	1-69	1	305	19,890	4.04	803	9	16,860	3.91	659	4-73	36	969	.07	45	77
35-35-0020	7506581	1387978	7-69	2	305	20,855	3.59	749	13	17,690	3.93	695	9-72	40	778	-.04	22	50

LE ", HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COWS LAST HERD CODE	REGISTRATION COW NUMBER	SIRE NUMBER	BORN MO-YR	RELATIVE DAYS	305 AVERAGE PRODUCTION MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
35-35-0020	7531745	1357978	9-69	2	305 21,110	3.77	795	20	17,095	3.91	669	11-72		40	852	-.01	29	$ 59
35-35-0024	7643355	1477381	3-70	1	305 21,320	3.99	851	11	16,990	4.01	682	12-72		36	1,068	.05	47	83
35-35-0026	6723328	1306247	9-66	5	303 20,258	3.62	733	6	15,602	3.74	583	3-73		44	913	-.03	28	61
35-35-0026	7414017	1397209	6-69	2	305 21,620	3.50	756	7	16,360	3.78	618	8-72		40	827	-.04	23	53
35-35-0028	7521596	1427381	2-69	1	305 21,480	4.09	879	15	16,670	3.88	647	9-72		36	1,099	.07	51	87
35-35-0379	7312166	1397209	1-68	3	305 20,266	3.55	720	14	15,930	3.67	584	3-73		42	779	-.03	24	52
35-35-0379	7408622	1326247	6-69	2	304 21,820	3.63	791	18	16,285	3.68	600	11-72		40	904	-.03	28	60
35-36-0004	7386189	1447414	6-69	2	305 19,365	3.30	639	17	14,215	3.81	542	7-72		40	1,085	-.08	27	67
35-36-0004	7540715	1427381	12-69	2	303 18,600	3.98	740	11	15,875	3.82	606	3-73		40	969	.07	45	77
35-36-0011	6579769	1441298	2-67	3	305 17,486	3.87	677	16	15,973	3.76	601	6-72		40	786	-.03	23	51
35-36-0011	7213985	1441298	7-68	3	305 18,926	3.62	686	15	16,253	3.67	597	1-73		40	932	-.05	25	59
35-36-0014	6811506	1383926	12-66	4	305 21,297	3.34	711	29	16,257	3.51	570	12-72		44	834	-.01	28	57
35-36-0014	6911507	1383926	2-67	3	303 21,673	3.37	730	24	15,306	3.78	578	3-72		42	923	-.03	29	62
35-36-0014	7303212	1397209	11-68	2	305 20,180	4.01	810	29	15,430	3.71	573	3-72		40	757	.03	32	58
35-36-0014	7417892	1397239	6-69	2	305 21,680	3.21	696	34	16,125	3.60	581	11-72		40	853	-.07	20	51
35-36-0014	7807312	1365229	10-70	1	305 27,360	3.03	828	37	17,310	3.54	613	11-72		36	860	-.02	28	50
35-36-0018	7098241	1383926	3-68	3	305 24,556	3.35	823	18	16,660	3.81	634	4-73		42	1,130	-.04	34	74
35-36-0026	6922938	1357743	9-67	4	303 19,993	3.91	781	31	15,658	3.58	560	12-72		44	654	.03	28	50
35-36-0026	7074549	1496489	1-68	3	305 19,686	3.52	692	13	13,956	3.84	536	7-72		33	904	-.07	22	55
35-36-0026	7833361	1458744	12-70	1	305 20,630	3.65	753	38	15,640	3.62	566	1-73		36	812	-.01	28	56
35-36-0028	7392218	1397209	8-69	2	245 22,500	3.14	706	19	15,795	3.55	560	9-72	H	40	963	-.07	23	58
35-36-0028	7833784	1365341	2-71	1	305 21,450	3.09	663	23	16,090	3.48	560	2-73		36	926	-.05	25	59
35-36-0048	7320957	1418353	4-69	2	305 18,015	4.03	726	14	13,900	3.96	551	6-72		38	694	.03	29	53
35-36-0049	7121238	1306247	9-68	3	305 22,013	3.86	849	19	16,903	3.76	635	10-72		42	938	.01	35	67
35-36-0049	7518690	1365341	11-69	1	305 21,230	3.41	725	9	18,450	3.71	684	2-72		36	769	-.04	22	50
35-36-0051	7478962	1450228	1-70	2	300 17,655	3.53	623	13	14,530	3.72	540	2-73		40	790	-.04	23	51
35-36-0067	7569739	1365341	4-70	2	305 20,055	3.24	649	20	14,465	3.60	521	1-73		40	1,039	-.06	28	66
35-36-0078	6535685	1472619	3-66	5	305 19,944	3.85	768	32	15,884	3.69	586	4-72		32	684	.04	31	54
35-36-0078	6687646	1434460	9-66	4	305 21,328	3.31	706	29	15,648	3.77	590	3-72		35	1,025	-.11	20	58
35-36-0078	6914234	1434460	8-67	4	305 20,258	3.55	719	35	14,645	3.88	568	2-73		35	987	-.07	24	60
35-36-0078	7050944	1488424	2-68	3	305 20,183	3.70	746	39	15,800	3.75	593	5-72		32	695	.02	28	52
35-36-0078	7140265	1458744	4-68	3	305 19,533	3.92	766	31	15,140	3.73	565	4-73		42	903	.03	37	68
35-36-0078	7337310	1427381	4-69	2	304 18,090	3.53	638	65	15,330	3.77	578	9-72		40	962	.02	37	70
35-36-0080	5814437	1370151	7-62	6	305 20,872	4.26	890	19	17,478	3.49	610	4-72		32	629	.16	47	65
35-36-0080	6647700	1469015	10-66	4	305 21,715	3.43	745	11	16,792	3.67	616	9-72		35	849	-.05	23	54
35-36-0080	6752683	1469015	1-67	4	305 22,597	3.43	776	12	17,165	3.62	621	1-73		35	933	-.04	27	61
35-36-0080	6752685	1469015	1-67	3	305 20,666	3.63	751	13	16,256	3.62	588	9-71		33	717	-.01	25	50
35-36-0081	7635275	1365341	2-70	1	305 18,360	3.83	704	27	15,250	3.95	603	8-72		36	746	-.01	25	51
35-36-0081	7700052	1365341	8-70	1	305 20,210	3.69	745	23	15,260	4.00	610	10-72		36	883	-.02	28	59
35-36-0089	7224423	1459192	5-67	4	305 18,795	4.06	764	14	15,003	3.65	547	5-72		30	588	.08	34	52
35-36-0089	7875529	1306247	2-71	1	305 22,220	3.65	811	14	16,710	3.64	608	4-73		36	770	-.02	24	51
35-36-0095	6775874	1441298	1-67	4	293 22,007	3.02	664	20	15,942	3.59	572	1-73		41	1,371	-.15	25	77
35-36-0096	6775877	1261857	3-67	5	296 19,302	3.85	744	43	16,700	3.75	626	1-73		44	684	.07	36	58
35-36-0096	6987614	1261857	1-68	2	293 18,960	3.79	718	26	16,315	3.70	603	5-72		40	619	.07	33	53
35-36-0096	7266507	1387978	2-69	3	301 19,670	3.97	781	51	16,717	3.79	634	2-73		42	769	.03	32	58
35-36-0099	7186061	1458744	6-68	3	305 24,616	3.34	821	28	17,886	3.47	621	2-73		42	1,235	-.04	38	82
35-36-0099	7655301	1526403	10-69	2	305 23,045	3.03	698	22	17,430	3.56	620	11-72		30	949	-.09	20	55
35-36-0106	6494680	1303900	10-65	4	305 18,498	3.56	658	20	14,218	3.95	561	1-72		42	897	-.09	19	52
35-36-0106	6773470	1303900	1-67	4	305 16,638	4.29	713	19	12,873	3.97	511	7-72		42	798	.01	31	58
35-36-0110	7492593	1427381	11-69	2	305 19,365	3.43	664	72	16,335	3.69	603	12-72		40	1,010	.01	38	73
35-36-0110	7496773	1365341	3-70	2	305 18,125	3.80	688	82	15,055	3.67	552	8-72		40	795	.01	30	57
35-36-0110	7496794	1427381	11-69	1	305 22,590	3.43	775	64	16,540	3.71	613	12-71		36	1,190	.01	45	86
35-36-0110	7496795	1427381	2-70	1	305 19,260	3.27	629	92	15,060	3.77	568	9-72		36	1,030	.00	37	73
35-36-0110	7714698	1365341	3-70	1	305 21,190	3.86	818	52	15,030	3.77	567	6-72		36	970	.01	36	70
35-36-0110	7714715	1458744	10-70	1	305 19,710	3.47	683	102	15,260	3.75	572	10-72		36	766	-.03	23	50
35-36-0110	7714717	1427381	4-70	1	305 20,560	3.40	700	92	15,060	3.77	568	9-72		36	1,127	.01	42	81
35-36-0110	7714719	1427381	11-70	1	305 24,000	4.17	1000	100	15,660	3.70	579	11-72		36	1,348	.10	64	108
35-36-0111	7486261	1427381	9-69	2	305 18,965	3.83	726	33	15,655	3.85	603	1-73		40	1,024	.05	44	79
35-36-0111	7486262	1427381	9-69	2	299 17,275	4.00	691	33	15,655	3.85	603	1-73		40	853	.06	40	68
35-36-0111	7486264	1427381	12-69	1	305 19,230	4.08	784	30	13,910	3.84	534	6-72		36	1,096	.07	51	87
35-36-0111	7486267	1427381	1-70	2	304 17,420	3.85	671	30	15,320	3.83	586	2-73		40	895	.05	40	70
35-36-0111	7530662	1458744	3-70	1	305 18,470	4.04	746	25	13,250	3.94	522	7-72		36	794	.01	30	57
35-36-0111	7530664	1427381	2-70	1	305 17,690	3.66	647	17	14,610	4.00	584	10-72		36	940	.02	37	69
35-36-0115	7450158	1428104	6-69	2	299 18,855	3.56	671	5	14,550	3.90	568	5-72		40	874	-.09	17	50
35-36-0117	6889532	1377954	10-67	3	305 18,050	3.45	622	17	14,410	3.57	515	3-72		42	746	-.01	26	52
35-36-0118	5488414	1351934	9-61	7	305 19,403	4.01	778	22	16,450	3.67	603	3-73		36	622	.08	35	55
35-36-0118	6512023	1428104	1-66	4	305 20,195	3.24	654	22	15,982	3.71	593	7-72		44	968	-.13	15	52
35-36-0118	6672684	1428104	8-66	4	302 22,127	3.10	686	28	16,685	3.72	620	11-71		44	1,137	-.16	16	60
35-36-0118	6933952	1351934	9-67	3	304 21,573	3.59	775	25	16,933	3.68	623	10-72		33	813	.00	30	58
35-36-0118	6933953	1351934	9-67	3	305 21,070	4.26	897	16	15,717	3.82	601	7-72		33	876	.11	48	76
35-36-0118	7091126	1428104	5-68	3	305 21,110	3.63	766	29	17,820	3.77	672	1-73		42	876	-.07	20	52
35-36-0118	7503313	1428104	9-69	2	305 23,310	3.31	771	32	18,225	3.78	688	12-72		40	1,028	-.13	17	56
35-36-0118	7723066	1428104	4-70	1	305 27,660	3.45	954	26	17,630	3.75	662	10-72		36	1,258	-.10	30	76
35-36-0128	7305939	1365341	4-69	2	305 19,890	3.69	734	27	15,750	3.94	621	8-72		40	918	-.03	29	62
35-36-0131	7400681	1474049	2-69	2	305 18,945	3.30	626	52	13,450	3.63	488	7-72		30	809	-.05	21	50
35-36-0131	7637412	1458744	3-70	1	305 19,320	3.71	717	67	13,760	3.64	501	10-72		36	827	.00	30	59
35-36-0133	7424397	1447414	11-69	1	305 22,480	3.70	832	34	16,620	3.71	616	5-72		36	1,073	-.02	35	73
35-36-0135	6823963	1397209	3-67	4	305 18,815	4.07	766	17	14,597	3.80	554	4-73		44	764	.04	34	60
35-36-0135	7535318	1383926	1-70	1	305 21,680	3.53	765	25	14,380	3.89	560	7-72		36	733	.00	27	52
35-36-0143	7493950	1383926	2-69	2	305 21,590	3.72	800	12	17,090	3.79	648	3-73		40	679	.02	28	51
35-36-0147	7509974	1365341	11-69	1	305 21,740	3.43	745	17	18,650	3.77	704	4-72		36	795	-.04	22	51
35-36-0354	6686560	1383004	11-66	4	296 22,130	3.52	779	35	17,338	3.74	649	11-72		44	613	.06	31	51
35-36-0354	6872498	1491516	6-67	4	302 22,955	3.44	790	26	17,778	3.71	659	2-73		35	823	-.04	23	53
35-36-0476	7561305	1427381	4-70	1	305 16,490	3.94	650	19	13,900	3.58	498	7-72		36	892	.07	43	72
35-37-0012	7241595	1383926	11-68	3	305 21,270	3.94	837	35	16,650	3.58	596	3-73		42	753	.08	39	63

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-45-0054	7668796	1447414	8-70	1	305	16,690	3.49	582	24	13,900	3.71	515	1-73		36	804	-.04	22	$ 51
35-45-0071	6053935	1294703	2-64	1	305	21,950	3.38	741	6	15,610	3.25	508	10-72		35	887	-.03	27	59
35-45-0071	7169495	1458744	10-68	1	305	19,490	3.37	656	17	14,550	3.51	510	1-73		36	792	-.03	24	52
35-45-0077	6776863	1466353	1-67	4	305	18,135	4.74	860	6	13,925	4.15	578	3-73		35	633	.17	49	67
35-45-0135	7324781	1330987	8-68	3	305	18,406	3.80	700	17	14,546	3.56	518	1-73		42	692	.07	36	58
35-45-0135	7478502	1365341	6-69	2	305	17,155	3.98	683	29	14,620	3.67	536	9-72		40	732	.02	30	55
35-45-0147	6571720	1417208	2-66	5	303	20,952	3.10	650	22	16,014	3.44	551	12-72		44	981	-.07	25	61
35-45-0147	6571721	1199324	2-66	5	305	21,436	3.14	673	29	16,584	3.45	572	12-72		44	1,098	-.07	28	68
35-45-0147	7406957	1432733	5-69	2	305	20,480	3.39	694	30	16,270	3.37	548	10-72		40	761	-.02	25	52
35-45-0147	7591035	1427381	11-69	1	305	22,770	2.80	638	27	16,470	3.31	545	9-72		36	1,207	-.03	39	82
35-45-0147	7660578	1458744	6-70	1	305	21,180	3.16	669	26	16,520	3.28	542	9-72		36	801	-.03	24	53
35-45-0150	5750951	1228022	11-62	7	299	20,987	3.59	754	16	15,829	3.89	615	2-73		44	1,228	-.08	32	77
35-45-0150	6923206	1471212	9-67	3	305	20,710	3.99	826	15	15,993	3.91	625	5-72		32	705	.04	31	55
35-45-0155	7843410	1443829	10-70	1	305	20,110	3.58	719	17	16,000	3.66	586	1-73		34	730	-.01	24	50
35-45-0157	6820124	1366229	2-67	3	304	20,063	3.75	752	13	15,716	3.68	578	1-72		42	590	.06	31	50
35-45-0165	6937271	1261857	11-67	4	303	18,728	3.90	731	15	16,163	3.57	577	1-73		44	653	.10	39	59
35-45-0165	7603688	1432733	2-70	2	282	20,695	3.43	710	12	15,635	3.70	579	3-73		40	834	-.04	24	54
35-45-0165	7891643	1447414	4-71	1	305	17,980	3.78	680	18	16,250	3.67	596	2-73		36	760	-.02	25	52
35-45-0170	7229333	1404814	11-68	2	305	19,120	3.85	737	7	14,150	3.72	526	11-72		40	617	.06	31	51
35-45-0176	6502325	1237057	1-66	4	305	20,805	3.75	780	19	15,710	3.61	567	2-72		44	841	-.01	29	59
35-45-0176	6772680	1386406	11-65	4	305	20,440	3.61	738	15	15,732	3.64	572	2-72		44	798	.01	30	58
35-45-0176	7312055	1458744	5-69	2	305	19,195	3.77	724	15	16,765	3.56	597	4-73		40	690	.02	28	52
35-45-0176	7312056	1458744	5-69	2	305	21,320	3.17	676	20	17,000	3.57	607	1-73		40	887	-.06	22	54
35-45-0176	7694526	1427381	8-69	1	305	20,480	3.98	815	12	17,750	3.61	640	2-72		36	960	.08	47	78
35-45-0176	7694528	1427381	11-69	1	305	21,940	3.48	764	9	15,570	3.61	562	6-72		36	1,199	.02	47	88
35-45-0176	7723975	1427381	9-69	1	305	21,610	3.84	830	19	18,580	3.56	662	1-72		36	995	.07	46	79
35-45-0176	7723977	1458744	8-70	1	305	19,540	3.66	716	14	16,120	3.60	580	3-73		36	702	.00	25	50
35-45-0180	6528271	1306247	2-66	5	305	20,352	3.31	673	19	14,354	3.61	518	1-73		44	1,054	-.07	27	65
35-45-0185	5451845	1357797	7-61	7	305	17,807	4.13	735	14	15,219	3.71	565	4-72		44	547	.16	44	59
35-45-0185	7073372	1347940	1-68	3	305	20,323	4.00	813	17	15,330	3.72	570	9-72		42	1,043	.05	45	80
35-45-0185	7073374	1347940	5-68	2	305	17,635	3.74	660	18	15,475	3.79	586	3-72		40	704	.00	26	50
35-45-0185	7694440	1427381	8-70	1	305	23,750	3.57	847	24	15,930	3.75	597	10-72		36	1,312	.02	51	96
35-45-0191	7772529	1447414	8-70	1	305	17,020	3.46	589	17	14,850	3.34	496	10-72		36	772	-.02	24	52
35-45-0192	6760450	1347065	10-66	3	305	23,186	3.82	885	20	15,263	3.60	550	11-71		42	993	.01	38	72
35-45-0192	6810125	1360676	1-67	3	305	20,943	3.84	804	25	15,687	3.68	578	4-72		41	965	.05	42	74
35-45-0192	6922108	1360676	8-67	3	305	18,763	3.39	636	27	15,523	3.61	561	6-72		41	725	-.01	24	50
35-45-0192	7092144	1502286	6-68	3	305	20,380	3.39	691	16	15,630	3.56	556	1-73		33	845	-.02	28	58
35-45-0192	7092145	1502286	6-68	2	305	20,050	3.76	753	16	16,595	3.62	601	2-72		30	647	.04	29	51
35-45-0192	7312614	1502286	12-68	2	305	19,560	3.69	722	24	15,908	3.63	577	5-72		30	654	.03	28	50
35-45-0192	7654907	1447414	7-70	1	305	17,680	3.31	586	25	15,340	3.54	543	10-72		36	792	-.05	21	50
35-45-0224	7499343	1427381	1-70	1	305	18,420	4.38	807	15	15,570	3.65	568	7-72		36	937	.10	50	80
35-45-0262	7832201	1458744	12-70	1	305	19,880	3.05	606	20	13,380	3.51	469	2-73		36	891	-.06	23	55
35-45-0263	6811707	1383926	3-67	3	305	21,863	3.69	806	11	15,070	3.63	547	7-72		42	966	.03	40	73
35-45-0337	7210459	1365341	6-68	2	305	19,905	3.15	628	29	14,560	3.45	503	5-72		40	1,016	-.05	28	65
35-45-0421	7064418	1330987	1-68	3	305	18,220	3.66	667	19	14,463	3.71	536	9-72		42	679	.04	30	53
35-45-0553	6502909	1441026	11-65	5	299	19,064	3.33	635	18	14,980	3.77	565	1-73		43	944	-.10	18	53
35-45-0564	7613228	1450228	3-70	1	305	17,650	3.43	605	17	11,700	3.55	415	6-72		36	905	-.04	27	59
35-46-0006	6641302	1236789	6-66	4	305	18,917	3.70	699	18	15,700	3.66	575	2-72		43	706	.02	28	52
35-46-0006	6641305	1236789	10-66	4	305	21,430	3.44	737	14	16,160	3.66	591	4-72		43	973	-.03	31	66
35-46-0006	7311760	1236789	12-68	2	305	21,120	3.93	830	11	14,545	3.65	531	7-72		40	963	.05	42	74
35-46-0008	7016550	1458744	2-68	3	234	18,196	3.91	712	17	14,383	3.81	548	8-72	B	42	819	.02	32	60
35-46-0015	6740156	1377954	12-66	3	302	16,423	3.95	648	10	13,277	3.68	489	6-72		42	663	.05	31	53
35-46-0015	6949928	1377954	10-67	3	305	18,840	3.85	726	7	14,067	3.57	502	6-72		42	868	.05	39	68
35-46-0015	7066701	1387978	2-68	3	305	15,960	4.30	687	10	13,567	3.63	492	9-72		42	632	.07	34	54
35-46-0057	6821786	1458744	1-67	4	305	19,500	3.47	677	26	14,777	3.64	538	1-73		44	964	-.03	30	64
35-46-0057	6821787	1458744	4-67	3	304	18,813	3.11	585	23	14,280	3.63	518	5-72		42	900	-.08	20	53
35-47-0018	6998744	1314767	10-67	3	305	21,686	3.14	680	35	15,600	3.63	567	2-73		42	830	-.06	21	51
35-48-0076	7384589	1417208	5-69	2	295	20,140	3.71	748	25	16,255	3.75	609	7-72		40	759	.01	29	55
35-48-0076	7528521	1417208	2-70	1	305	21,020	4.20	883	24	16,610	3.76	624	2-72		36	710	.06	34	57
35-48-0076	7656874	1417208	7-70	1	305	23,380	3.62	847	18	16,860	3.78	637	12-72		36	871	.00	31	61
35-48-0076	7784449	1365341	2-71	1	305	21,060	3.37	709	14	17,380	3.84	667	2-73		36	820	-.05	22	52
35-48-0079	6254027	1199324	10-64	5	302	17,934	3.60	645	13	13,286	3.94	523	1-72		44	987	-.04	30	65
35-48-0083	7751408	1450228	12-70	1	303	20,310	3.72	756	14	17,070	4.04	690	2-73		36	783	-.04	22	50
35-48-0115	7779911	1365341	8-70	1	305	18,930	3.21	608	11	14,320	3.69	529	11-72		36	844	-.05	22	53
35-48-0176	6873779	1467006	7-67	2	305	23,710	3.29	779	26	17,070	3.64	622	12-71		38	1,135	-.06	31	72
35-48-0176	7220887	1397209	1-69	2	305	20,365	3.98	811	17	15,865	3.67	583	8-72		40	740	.04	32	57
35-48-0176	7341491	1458744	12-68	2	305	20,710	3.89	806	16	16,175	3.85	622	1-73		40	892	.01	34	65
35-48-0252	7479010	1427381	12-69	1	305	17,400	4.44	773	19	15,410	3.70	570	1-72		36	870	.11	48	76
35-48-0252	7479012	1427381	1-70	2	305	22,645	3.16	715	21	15,935	3.75	597	2-73		40	1,375	-.04	43	92
35-48-0252	7479013	1427381	1-70	2	299	19,005	3.46	655	20	16,025	3.75	601	1-73		40	998	.01	37	72
35-48-0252	7479014	1427381	1-70	1	305	23,120	3.52	813	16	14,880	3.64	541	3-72		36	1,328	.03	52	98
35-49-0016	6971078	1467006	8-67	3	305	19,120	3.71	709	27	14,238	3.72	529	8-72		40	944	.00	34	67
35-49-0016	7137037	1383926	6-68	2	305	18,605	4.46	830	15	13,530	3.91	529	11-71		40	674	.11	41	62
35-49-0016	7234370	1383926	9-68	3	303	20,560	3.62	744	26	14,806	3.80	562	2-73		42	841	.01	32	61
35-49-0019	7662060	1427381	1-70	2	305	19,090	3.73	713	17	14,465	3.92	567	3-73		40	1,134	.03	45	84
35-49-0020	7145039	1387978	4-68	3	297	21,803	3.70	807	20	16,883	4.06	685	9-72		42	999	-.03	31	67
35-49-0020	7145040	1387978	4-68	3	305	21,753	3.82	831	15	17,087	4.09	699	1-73		42	975	-.02	32	66
35-49-0022	7932933	1427381	4-70	1	305	20,360	3.71	755	24	16,430	3.67	603	2-73		36	1,030	.04	44	79
35-49-0028	7466155	1534140	10-69	1	305	22,930	3.56	816	18	15,930	3.72	593	1-72		28	919	-.03	29	62
35-49-0029	7484328	1518703	9-69	1	305	20,710	3.45	714	17	12,910	3.60	465	4-72		30	1,013	-.03	32	68
35-49-0029	7737574	1447414	4-70	1	305	16,240	3.53	574	18	13,240	3.63	480	7-72		36	810	-.03	24	53
35-49-0031	6448303	1417208	8-65	5	305	18,248	4.13	753	15	15,384	3.78	581	5-72		44	697	.06	35	58
35-49-0035	6359996	1449583	8-65	6	305	22,578	3.64	822	30	17,180	3.66	628	3-73		37	863	.03	35	64
35-49-0035	6684384	1406271	8-66	4	305	21,468	3.44	738	24	16,320	3.50	571	2-73		44	1,031	.02	40	75
35-49-0035	6942608	1495493	9-67	4	305	24,550	3.07	754	40	17,103	3.77	645	2-73		30	1,208	-.14	21	67

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT	D	INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-37-0012	7607362	1450228	7-70	1	305	19,150	3.90	747	28	16,120	3.65	589	3-73	36		753	.01	28	$ 54
35-37-0020	6771372	1466252	12-66	2	305	20,635	3.80	784	16	15,435	3.76	581	1-73	25		679	.02	27	50
35-37-0020	7272072	1450744	9-68	3	305	19,486	3.47	677	20	15,550	3.74	582	11-72	42		860	-.04	23	36
35-37-0020	7971521	1458744	9-70	1	305	19,480	3.97	774	21	15,710	3.76	591	9-72	36		722	.01	28	53
35-37-0029	7433723	1383926	4-69	2	305	21,590	3.47	749	15	16,585	3.63	602	12-72	40		729	.01	27	52
35-37-0029	7478430	1365341	11-69	1	305	19,060	4.00	763	21	17,450	3.58	625	1-72	36		667	.03	28	51
35-37-0043	7878520	1303004	12-68	2	301	19,415	3.88	753	21	13,305	3.80	506	1-73	40		544	.12	38	54
35-37-0047	7205034	1397209	12-68	2	305	22,165	3.17	702	14	15,955	3.58	571	9-72	40		916	-.07	22	36
35-37-0047	7295427	1365341	1-69	2	216	20,360	3.59	730	8	15,410	3.67	566	4-73	B	40	993	-.02	33	68
35-37-0048	6862828	1465771	4-67	4	305	20,072	3.48	698	16	15,815	3.54	560	4-73		34	740	.00	26	52
35-37-0048	7203638	1465771	7-68	2	305	21,830	3.47	758	18	16,625	3.58	596	11-72		29	766	-.01	26	53
35-37-0048	7397948	1383926	4-69	2	305	22,280	3.27	728	30	16,300	3.62	590	2-73		40	822	-.02	26	55
35-37-0048	7397949	1383926	4-69	2	305	22,525	3.16	711	26	16,140	3.62	584	12-72		40	860	-.04	24	55
35-37-0048	7506587	1365341	7-69	2	309	18,230	3.86	704	25	16,110	3.55	572	4-73		40	720	.03	30	54
35-37-0048	7604109	1447414	2-70	1	305	19,520	3.78	737	26	16,930	3.48	590	10-72		36	834	-.01	29	58
35-37-0048	7704971	1365341	5-70	1	292	19,830	3.74	742	32	17,220	3.58	616	1-73		36	738	.00	27	53
35-37-0048	7851972	1383926	12-70	1	305	23,520	3.34	786	31	16,860	3.58	603	1-73		36	722	.00	26	51
35-37-0054	7171663	1366229	9-68	3	303	20,833	4.97	1036	20	15,903	3.99	635	3-73		42	661	.23	59	76
35-37-0055	7089235	1397209	7-68	3	300	22,316	3.65	814	12	15,536	3.77	585	10-72		42	1,050	-.02	35	72
35-37-0068	6723539	1344345	1-66	4	305	20,688	3.45	714	16	15,530	3.72	578	6-72		43	850	-.08	18	50
35-37-0069	7369292	1500667	6-69	2	305	19,420	3.74	727	15	14,410	3.96	570	9-72		29	716	.00	26	51
35-37-0072	6126061	1386406	7-64	6	302	22,063	3.70	816	12	14,055	3.83	539	1-73		44	1,205	.01	45	87
35-37-0072	6710418	1360676	8-66	4	286	17,628	3.91	689	14	15,010	3.86	580	5-72		42	658	.03	29	51
35-37-0077	7572244	1427381	2-70	1	305	17,410	3.41	594	25	14,380	3.71	534	9-72		36	932	.02	36	68
35-37-0090	6327824	1383926	6-65	6	305	18,923	3.98	754	18	15,950	3.67	586	8-72		44	587	.08	33	52
35-37-0090	7390748	1532535	2-69	2	305	23,230	3.59	833	20	15,940	3.67	585	5-72		29	1,082	-.01	38	76
35-37-0090	7390752	1532535	5-69	2	305	19,880	3.79	753	18	16,035	3.73	598	5-72		29	667	.02	27	50
35-37-0105	6569332	1366229	1-66	5	301	19,418	3.51	681	16	14,582	3.85	562	2-73		44	685	.01	26	50
35-37-0109	7658040	1366229	11-68	1	305	22,340	4.03	901	5	12,420	3.86	479	8-72		36	778	.08	41	66
35-37-0114	6631643	1261857	8-66	1	305	20,760	4.02	835	13	16,580	4.12	683	4-72		36	677	.07	35	57
35-37-0115	5982364	1376402	8-63	6	305	22,385	4.28	959	27	16,093	3.75	603	1-73		44	686	.17	51	71
35-37-0115	6350240	1414618	12-64	6	294	22,465	4.56	1025	21	15,966	3.74	597	1-73		44	1,008	.16	61	92
35-37-0115	6380588	1237057	4-65	5	305	21,564	3.57	769	28	16,646	3.79	631	1-73		44	869	-.06	22	54
35-37-0115	7326029	1511114	4-69	2	305	20,710	3.62	750	20	15,665	3.64	570	10-72		30	800	.01	30	58
35-37-0115	7491926	1392858	9-69	2	303	20,990	3.74	784	30	16,535	3.78	625	2-73		40	663	.03	29	51
35-37-0210	7387765	1447414	8-69	2	305	17,845	3.69	658	29	15,510	3.68	570	11-72		40	825	-.02	26	55
35-37-0210	7633695	1427381	2-70	1	305	19,590	3.50	685	36	15,570	3.65	568	11-72		36	1,024	.03	41	76
35-37-0241	7537935	1365341	1-70	1	305	19,930	3.55	707	14	15,770	3.78	596	1-73		36	832	-.03	26	56
35-37-0393	6767689	1468427	3-67	4	296	19,160	4.21	806	14	15,090	3.94	595	1-73		35	642	.11	40	60
35-37-0400	7480646	1428104	8-69	2	305	24,205	3.42	828	23	16,960	3.65	619	12-72		40	1,221	-.10	28	73
35-37-0400	7539005	1428104	8-69	2	305	22,455	3.50	786	8	16,535	3.75	620	3-73		40	1,078	-.09	24	64
35-37-0570	7036363	1347448	11-67	2	305	21,580	3.87	836	6	16,665	3.65	609	6-72		40	841	.05	31	52
35-37-0570	7045768	1435990	10-66	3	303	23,607	3.25	768	17	17,440	3.69	643	1-73		29	959	-.08	22	57
35-37-0574	7480115	1365341	2-70	1	305	18,370	3.65	671	20	15,140	3.73	564	9-72		36	753	-.01	25	52
35-38-0022	6878620	1366229	8-67	3	305	21,723	3.44	747	10	15,946	3.54	565	4-72		42	760	.03	32	58
35-38-0022	6878621	1366229	8-67	2	305	21,830	3.99	870	18	14,875	3.58	533	11-71		40	778	.10	44	69
35-38-0022	7309146	1365341	3-69	1	305	19,050	3.84	731	19	15,190	3.67	557	2-73		36	801	.01	30	58
35-38-0022	7386252	1365341	6-69	2	297	18,695	3.54	661	20	15,445	3.73	576	12-72		40	821	-.03	25	54
35-38-0022	7599583	1365341	7-70	1	305	20,000	3.32	664	16	14,690	3.72	546	10-72		36	901	-.05	25	58
35-38-0036	6611031	1441298	5-66	1	305	18,440	3.65	673	38	11,920	3.64	434	6-72		33	1,103	-.05	31	71
35-38-0116	6885540	1397209	4-67	4	280	21,415	3.11	665	12	16,047	3.52	565	12-72		44	942	-.09	20	55
35-39-0022	7193959	1383926	3-68	4	300	18,842	4.26	802	6	14,682	3.58	526	3-73		44	686	.13	44	65
35-42-0022	7093298	1261857	11-66	2	305	20,090	3.64	731	12	16,965	3.68	625	1-72		40	681	.06	32	55
35-42-0134	6497271	1397209	10-65	3	286	21,700	3.53	765	23	17,503	3.63	636	2-72		42	799	-.03	24	53
35-42-0134	6497272	1397209	10-65	2	305	21,155	3.63	767	25	16,910	3.71	627	4-72		40	736	-.02	24	50
35-42-0186	7407242	1387978	3-69	2	305	19,415	3.20	622	12	15,605	3.57	557	11-72		40	801	-.05	21	50
35-42-0209	6711041	1314767	1-67	2	305	23,425	3.44	805	6	15,300	3.59	550	3-73		40	949	.00	34	67
35-42-0214	7491085	1428104	11-69	2	305	19,870	3.56	708	14	15,770	3.82	602	3-73		40	878	-.09	18	51
35-42-0219	7793153	1428104	11-70	1	305	23,050	3.27	753	24	15,860	3.91	620	12-72		36	1,020	-.13	17	56
35-42-0384	6343712	1330987	5-65	6	305	17,988	3.89	700	17	14,258	3.54	505	5-72		44	713	.09	39	62
35-43-0019	6628566	1330987	1-66	4	305	23,605	3.39	800	24	15,720	3.59	564	11-72		44	1,246	.00	45	88
35-43-0021	7100820	1406271	9-67	3	305	20,273	3.96	803	13	15,533	3.77	585	12-72		42	928	.07	44	75
35-43-0023	6955023	1383004	11-67	3	305	20,270	4.23	857	16	15,367	3.70	568	6-72		42	534	.18	47	61
35-43-0023	7356391	1423320	7-69	2	302	21,410	3.16	677	34	14,960	3.49	522	3-73		39	739	.00	27	53
35-43-0023	7475373	1427381	11-69	2	305	17,465	3.10	542	31	15,040	3.48	524	4-73		40	922	-.01	32	64
35-43-0024	7338960	1365341	7-69	2	282	19,215	3.46	664	36	15,565	3.52	548	4-72		40	864	-.02	28	59
35-43-0024	8173528	1383926	10-70	1	305	23,130	4.10	949	20	15,810	3.64	575	4-73		36	756	.08	39	63
35-43-0027	6943445	1397209	10-67	4	300	18,190	3.78	687	23	13,975	3.64	508	12-72		44	748	.01	29	55
35-43-0033	6857966	1383004	6-67	4	305	21,723	3.76	816	24	15,715	3.64	572	1-73		44	723	.11	43	65
35-43-0033	6918613	1458744	7-67	4	305	21,207	3.18	675	27	16,242	3.65	593	11-72		44	1,030	-.08	24	62
35-43-0033	7318498	1427381	10-68	2	305	28,490	3.52	1002	28	17,055	3.73	636	1-72		40	1,877	.01	69	134
35-43-0033	7545047	1427381	9-69	2	305	18,470	3.43	634	31	16,415	3.65	599	11-72		40	912	.01	35	66
35-43-0033	7833050	1433675	10-70	1	305	23,880	3.89	930	16	16,160	3.68	594	4-73		35	778	.06	37	63
35-43-0062	7738373	1433675	10-70	1	305	20,610	4.03	831	15	12,340	4.17	515	3-73		35	762	.04	34	59
35-43-0169	6871144	1347448	8-67	3	305	21,816	3.51	766	10	15,710	3.74	587	4-72		42	832	-.01	29	58
35-43-0209	7537139	1383926	3-70	1	305	23,480	3.33	781	16	15,680	3.61	566	4-72		36	790	-.01	27	55
35-45-0012	6927738	1397209	12-67	3	305	19,396	3.41	661	22	14,186	3.65	518	6-72		42	839	-.05	23	53
35-45-0012	7365409	1365341	8-68	2	303	19,515	3.83	747	28	14,900	3.73	556	12-72		40	949	.01	35	68
35-45-0012	7616424	1365341	1-70	1	305	17,960	3.60	646	34	14,060	3.76	529	7-72		36	787	-.02	25	53
35-45-0012	7670205	1365341	3-70	1	305	17,460	3.86	674	32	14,780	3.81	563	9-72		36	707	.00	25	50
35-45-0030	6789026	1261857	4-67	4	304	16,735	3.82	640	14	14,493	3.67	532	9-72		44	572	.08	32	50
35-45-0040	7184178	1458744	3-68	3	305	17,700	4.33	767	17	14,700	3.73	549	3-73		42	733	.08	39	63
35-45-0054	7480516	1427381	11-69	1	305	15,320	3.59	550	18	13,000	3.61	469	9-72		36	859	.04	37	66
35-45-0054	7480517	1427381	1-70	2	305	17,120	3.62	619	16	13,555	3.71	503	2-73		40	1,007	.03	41	75
35-45-0054	7668794	1450228	9-70	1	305	16,450	4.24	698	16	13,890	3.78	525	3-73		36	685	.02	28	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-45-0054	7668796	1447414	8-70	1	305	16,690	3.49	582	24	13,900	3.71	515	1-73		36	804	-.04	22	$ 51
35-45-0071	6053935	1294703	2-64	1	305	21,950	3.38	741	6	15,610	3.25	508	10-72		35	887	-.03	27	59
35-45-0071	7169495	1458744	10-68	1	305	19,490	3.37	656	17	14,550	3.51	510	1-73		36	792	-.03	24	52
35-45-0077	6776863	1466353	1-67	4	305	18,135	4.74	860	6	13,925	4.15	578	3-73		35	633	.17	49	67
35-45-0135	7324781	1330987	8-68	3	305	18,406	3.80	700	17	14,546	3.56	518	1-73		42	692	.07	36	58
35-45-0135	7478502	1365341	6-69	2	305	17,155	3.98	683	29	14,620	3.67	536	9-72		40	732	.02	30	55
35-45-0147	6571720	1417208	2-66	5	303	20,952	3.10	650	22	16,014	3.44	551	12-72		44	981	-.07	25	61
35-45-0147	6571721	1199324	2-66	5	305	21,436	3.14	673	29	16,584	3.45	572	12-72		44	1,098	-.07	28	68
35-45-0147	7406957	1432733	5-69	2	305	20,480	3.39	694	30	16,270	3.37	548	10-72		40	761	-.02	25	52
35-45-0147	7591035	1427381	11-69	1	305	22,770	2.80	638	27	16,470	3.31	545	9-72		36	1,207	-.03	39	82
35-45-0147	7660578	1458744	6-70	1	305	21,180	3.16	669	26	16,520	3.28	542	9-72		36	801	-.03	24	53
35-45-0150	5750951	1228022	11-62	7	299	20,987	3.59	754	16	15,829	3.89	615	2-73		44	1,228	-.08	32	77
35-45-0150	6923206	1471212	9-67	3	305	20,710	3.99	826	15	15,993	3.91	625	5-72		32	705	.04	31	55
35-45-0155	7843410	1443829	10-70	1	305	20,110	3.58	719	17	16,000	3.66	586	1-73		34	730	-.01	24	50
35-45-0157	6820124	1366229	2-67	3	304	20,063	3.75	752	13	15,716	3.68	578	1-72		42	590	.06	31	50
35-45-0165	6937271	1261857	11-67	4	303	18,728	3.90	731	15	16,163	3.57	577	1-73		44	653	.10	39	59
35-45-0165	7603688	1432733	2-70	2	282	20,695	3.43	710	12	15,635	3.70	579	3-73		40	834	-.04	24	54
35-45-0165	7891643	1447414	4-71	1	305	17,980	3.78	680	18	16,250	3.67	596	2-73		36	760	-.02	25	52
35-45-0170	7229333	1404814	11-68	2	305	19,120	3.85	737	7	14,150	3.72	526	11-72		40	617	.06	31	51
35-45-0176	6502325	1237057	1-66	4	305	20,805	3.75	780	19	15,710	3.61	567	2-72		44	841	-.01	29	59
35-45-0176	6772680	1386406	11-65	4	305	20,440	3.61	738	15	15,732	3.64	572	2-72		44	798	.01	30	58
35-45-0176	7312055	1458744	5-69	2	305	19,195	3.77	724	15	16,765	3.56	597	4-73		40	690	.02	28	52
35-45-0176	7312056	1458744	5-69	2	305	21,320	3.17	676	20	17,000	3.57	607	1-73		40	887	-.06	22	54
35-45-0176	7694526	1427381	8-69	1	305	20,480	3.98	815	12	17,750	3.61	640	2-72		36	960	.08	47	78
35-45-0176	7694528	1427381	11-69	1	305	21,940	3.48	764	9	15,570	3.61	562	6-72		36	1,199	.02	47	88
35-45-0176	7723975	1427381	9-69	1	305	21,610	3.84	830	19	18,580	3.56	662	1-72		36	995	.07	46	79
35-45-0176	7723977	1458744	8-70	1	305	19,540	3.66	716	14	16,120	3.60	580	3-73		36	702	.00	25	50
35-45-0180	6528271	1306247	2-66	5	305	20,352	3.31	673	19	14,354	3.61	518	1-73		44	1,054	-.07	27	65
35-45-0185	5451845	1357797	7-61	7	305	17,807	4.13	735	14	15,219	3.71	565	4-72		44	547	.16	44	59
35-45-0185	7073372	1347940	1-68	3	305	20,323	4.00	813	17	15,330	3.72	570	9-72		42	1,043	.05	45	80
35-45-0185	7073374	1347940	5-68	2	305	17,635	3.74	660	18	15,475	3.79	586	3-72		40	704	.00	26	50
35-45-0185	7694440	1427381	8-70	1	305	23,750	3.57	847	24	15,930	3.75	597	10-72		36	1,312	.02	51	96
35-45-0191	7772529	1447414	8-70	1	305	17,020	3.46	589	17	14,850	3.34	496	10-72		36	772	-.02	24	52
35-45-0192	6760450	1347065	10-66	3	305	23,186	3.82	885	20	15,263	3.60	550	11-71		42	993	.01	38	72
35-45-0192	6810125	1360676	1-67	3	305	20,943	3.84	804	25	15,687	3.68	578	4-72		41	965	.05	42	74
35-45-0192	6922108	1360676	8-67	3	305	18,763	3.39	636	27	15,523	3.61	561	6-72		41	725	-.01	24	50
35-45-0192	7092144	1502286	6-68	3	305	20,380	3.39	691	16	15,630	3.56	556	1-73		33	845	-.02	28	58
35-45-0192	7092145	1502286	6-68	2	305	20,050	3.76	753	16	16,595	3.62	601	2-72		30	647	.04	29	51
35-45-0192	7312614	1502286	12-68	2	305	19,560	3.69	722	24	15,900	3.63	577	5-72		30	654	.03	28	50
35-45-0192	7654907	1447414	7-70	1	305	17,680	3.31	586	25	15,340	3.54	543	10-72		36	792	-.05	21	50
35-45-0224	7499343	1427381	1-70	1	305	18,420	4.38	807	15	15,570	3.65	568	7-72		36	937	.10	50	80
35-45-0262	7832201	1458744	12-70	1	305	19,880	3.05	606	20	13,380	3.51	469	2-73		36	891	-.06	23	55
35-45-0263	6811707	1383926	3-67	3	305	21,863	3.69	806	11	15,070	3.63	547	7-72		42	966	.03	40	73
35-45-0337	7210459	1365341	6-68	2	305	19,905	3.15	628	29	14,560	3.45	503	5-72		40	1,016	-.05	28	65
35-45-0421	7064418	1330987	1-68	3	305	18,220	3.66	667	19	14,463	3.71	536	9-72		42	679	.04	30	53
35-45-0553	6502909	1441026	11-65	5	299	19,064	3.33	635	18	14,980	3.77	565	1-73		43	944	-.10	18	53
35-45-0564	7613228	1450228	3-70	1	305	17,650	3.43	605	17	11,700	3.55	415	6-72		36	905	-.04	27	59
35-46-0006	6641302	1236789	6-66	4	305	18,917	3.70	699	18	15,700	3.66	575	2-72		43	706	.02	28	52
35-46-0006	6641305	1236789	10-66	4	305	21,430	3.44	737	14	16,160	3.66	591	4-72		43	973	-.03	31	66
35-46-0006	7311760	1236789	12-68	2	305	21,120	3.93	830	11	14,545	3.65	531	7-72		40	963	.05	42	74
35-46-0008	7016550	1458744	2-68	3	234	18,196	3.91	712	17	14,383	3.81	548	8-72	B	42	819	.02	32	60
35-46-0015	6740156	1377954	12-66	3	302	16,423	3.95	648	10	13,277	3.68	489	6-72		42	663	.05	31	53
35-46-0015	6949928	1377954	10-67	3	305	18,840	3.85	726	7	14,067	3.57	502	6-72		42	868	.05	39	68
35-46-0015	7066701	1387978	2-68	3	305	15,960	4.30	687	10	13,567	3.63	492	9-72		42	632	.07	34	54
35-46-0057	6821786	1458744	1-67	4	305	19,500	3.47	677	26	14,777	3.64	538	1-73		44	964	-.03	30	64
35-46-0057	6821787	1458744	4-67	3	304	18,813	3.11	585	23	14,280	3.63	518	5-72		42	900	-.08	20	53
35-47-0018	6998744	1314767	10-67	3	305	21,686	3.14	680	35	15,600	3.63	567	2-73		42	830	-.06	21	51
35-48-0076	7384589	1417208	5-69	2	295	20,140	3.71	748	25	16,255	3.75	609	7-72		40	759	.01	29	55
35-48-0076	7528521	1417208	2-70	1	305	21,020	4.20	883	24	16,610	3.76	624	2-72		36	710	.06	34	57
35-48-0076	7658874	1417208	7-70	1	305	23,380	3.62	847	18	16,860	3.78	637	12-72		36	871	.00	31	61
35-48-0076	7784449	1365341	2-71	1	305	21,060	3.37	709	14	17,380	3.84	667	2-73		36	820	-.05	22	52
35-48-0079	6254027	1199324	10-64	5	302	17,934	3.60	645	13	13,286	3.94	523	1-72		44	987	-.04	30	65
35-48-0083	7751408	1450228	12-70	1	303	20,310	3.72	756	14	17,070	4.04	690	2-73		36	783	-.04	22	50
35-48-0115	7779911	1365341	8-70	1	305	18,930	3.21	608	11	14,320	3.69	529	11-72		36	844	-.05	22	53
35-48-0176	6873779	1467006	7-67	2	305	23,710	3.29	779	26	17,070	3.64	622	12-71		30	1,135	-.06	31	72
35-48-0176	7220887	1397209	1-69	2	305	20,365	3.98	811	17	15,865	3.67	583	8-72		40	740	.04	32	57
35-48-0176	7341491	1458744	12-68	2	305	20,710	3.89	806	16	16,175	3.85	622	1-73		40	892	.01	34	65
35-48-0252	7479010	1427381	12-69	1	305	17,400	4.44	773	19	15,410	3.70	570	1-72		36	870	.11	48	76
35-48-0252	7479012	1427381	1-70	2	305	22,645	3.16	715	21	15,935	3.75	597	2-73		40	1,375	-.04	43	92
35-48-0252	7479013	1427381	1-70	2	299	19,005	3.45	655	20	16,025	3.75	601	1-73		40	998	.01	37	72
35-48-0252	7479014	1427381	1-70	1	305	23,120	3.52	813	16	14,880	3.64	541	3-72		36	1,328	.03	52	98
35-49-0016	6971078	1467006	8-67	3	305	19,120	3.71	709	27	14,233	3.72	529	8-72		40	944	.00	34	67
35-49-0016	7137037	1383926	6-68	2	305	18,605	4.46	830	15	13,530	3.91	529	11-71		40	674	.11	41	62
35-49-0016	7234370	1383926	9-68	3	303	20,560	3.62	744	26	14,806	3.80	562	2-73		42	841	.01	32	61
35-49-0019	7662060	1427381	1-70	2	305	19,090	3.73	713	17	14,465	3.92	567	3-73		40	1,134	.03	45	84
35-49-0020	7145039	1387978	4-68	3	297	21,803	3.70	807	20	16,883	4.06	685	9-72		42	999	-.03	31	67
35-49-0020	7145040	1387978	4-68	3	305	21,753	3.82	831	15	17,087	4.09	699	1-73		42	975	-.02	32	66
35-49-0022	7932933	1427381	4-70	1	305	20,360	3.71	755	24	16,430	3.67	603	2-73		36	1,030	.04	44	79
35-49-0028	7466155	1534140	10-69	1	305	22,930	3.56	816	18	15,930	3.72	593	1-72		23	919	-.03	29	62
35-49-0029	7484328	1518703	9-69	1	305	20,710	3.45	714	17	12,910	3.60	465	4-72		30	1,013	-.03	32	68
35-49-0029	7737574	1447414	4-70	1	305	16,240	3.53	574	18	13,240	3.63	480	7-72		36	810	-.03	24	53
35-49-0031	6448303	1417208	8-65	5	305	18,248	4.13	753	15	15,384	3.78	581	5-72		44	697	.06	35	58
35-49-0035	6359996	1449583	8-65	6	305	22,578	3.64	822	30	17,180	3.66	628	3-73		37	863	.03	35	64
35-49-0035	6684384	1406271	8-66	4	305	21,468	3.44	738	24	16,320	3.50	571	2-73		44	1,031	.02	40	75
35-49-0035	6942608	1495493	9-67	4	305	24,550	3.07	754	40	17,103	3.77	645	2-73		30	1,208	-.14	21	67

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-49-0035	6942612	1261857	11-67	3	305	20,497	3.51	720	42	16,840	3.75	631	11-72	42	777	.03	32	$ 50
35-49-0035	7198801	1343126	12-68	2	305	24,950	3.28	818	24	17,190	3.75	644	6-72	40	1,034	-.10	22	60
35-49-0035	7357507	1377052	5-69	2	305	23,955	3.80	910	25	17,120	3.74	640	8-72	40	876	.03	36	66
35-49-0042	6561315	1453418	7-65	5	305	19,884	3.90	776	6	15,096	3.88	586	3-73	41	710	.02	29	53
35-49-0046	5354340	1199324	3-61	7	305	19,747	3.76	743	33	15,891	3.76	598	11-72	44	952	.00	35	68
35-49-0046	7639854	1427381	2-70	1	305	19,300	3.77	728	39	15,570	3.80	591	10-72	36	1,002	.04	43	77
35-49-0046	7639855	1427381	2-70	1	305	17,990	4.24	762	33	16,110	3.68	593	1-73	36	873	.09	45	73
35-49-0052	7615323	1427381	4-70	1	305	19,230	3.92	753	8	16,490	3.67	606	3-72	36	942	.07	44	75
35-49-0052	7740224	1427381	1-71	1	305	20,750	3.76	780	10	17,030	3.69	628	1-73	36	1,023	.05	45	79
35-49-0060	7312304	1365341	10-68	2	305	23,525	3.78	889	20	18,260	3.83	700	4-72	40	1,083	-.01	38	76
35-49-0060	7312305	1365341	11-68	2	304	19,960	3.85	768	25	16,780	3.83	643	6-72	40	841	.00	30	59
35-49-0060	7643820	1397209	11-68	2	305	22,380	3.44	769	32	17,040	3.87	659	9-72	40	849	-.06	21	52
35-49-0082	5863798	1386406	4-63	6	303	18,773	3.77	708	21	14,720	3.71	546	2-72	44	712	.03	30	54
35-49-0082	7560502	1427381	1-70	1	304	17,790	3.88	690	24	12,600	3.85	485	7-72	36	1,067	.05	47	83
35-49-0083	7406522	1410733	8-69	1	305	20,560	4.03	829	22	15,100	3.92	592	11-72	36	681	.02	27	50
35-49-0111	6976609	1458744	9-67	4	305	18,732	3.92	734	12	15,790	3.91	618	4-73	44	769	.01	29	56
35-49-0111	7609762	1427381	2-70	1	305	18,530	4.14	767	12	15,690	3.89	611	9-72	36	938	.07	45	76
35-49-0150	6715325	1258673	8-66	4	302	21,245	3.74	794	5	15,100	3.68	556	3-72	44	583	.14	42	59
35-49-0150	6879561	1261857	10-67	4	303	17,400	3.81	663	20	14,785	3.70	547	2-73	44	625	.07	33	53
35-49-0179	6600333	1417208	3-66	2	305	20,365	3.30	673	18	15,985	3.72	595	10-72	40	804	-.04	22	51
35-49-0179	7678132	1447414	9-69	2	305	23,895	3.60	860	5	16,410	3.83	629	2-73	40	1,366	-.04	42	91
35-49-0225	7600287	1447414	1-70	1	305	20,620	4.03	831	6	15,010	4.10	616	8-72	36	1,031	-.01	35	71
35-50-0005	6482600	1366229	12-65	2	305	19,465	3.89	758	12	14,200	3.60	511	12-71	40	593	.09	35	53
35-50-0005	6571038	1366229	9-65	4	281	19,230	4.28	824	15	15,197	3.60	547	4-72	44	576	.15	44	60
35-50-0016	7537737	1365341	10-69	2	299	19,235	3.65	702	30	16,965	3.45	585	1-73	40	753	.01	28	54
35-50-0023	7400448	1383926	7-69	2	305	21,615	3.46	747	18	15,780	3.75	592	2-73	40	797	-.01	27	55
35-50-0035	6978530	1366229	9-67	2	305	23,330	3.40	794	22	17,930	3.51	629	11-72 H	40	682	.03	29	52
35-50-0035	7524515	1404814	11-69	1	305	22,460	3.90	876	26	16,770	3.63	609	9-72	36	585	.07	31	50
35-50-0058	7430376	1427381	11-69	1	305	16,670	3.91	651	8	14,920	3.69	551	10-72	36	845	.06	40	68
35-50-0070	7209988	1397209	9-68	3	305	20,993	3.86	810	19	15,250	3.77	575	3-73	42	925	.01	35	67
35-51-0011	7402930	1365341	9-69	2	305	19,935	3.70	738	10	17,085	3.55	606	6-72	40	814	.00	30	58
35-51-0011	7491491	1397209	12-69	2	305	22,000	3.92	863	15	17,740	3.79	672	11-72	40	754	.02	30	56
35-51-0011	7548194	1365341	2-70	1	305	25,000	3.22	806	11	17,290	3.63	628	6-72	36	1,119	-.06	31	71
35-51-0011	7548196	1306247	12-69	2	305	22,410	3.54	794	14	17,520	3.83	671	12-72	40	864	-.05	23	54
35-51-0011	7784022	1365341	2-71	1	305	20,290	3.79	770	10	18,230	3.68	670	3-73	36	712	.00	26	51
35-52-0023	6949250	1417208	9-67	4	300	20,633	3.47	716	25	17,508	3.73	653	9-72	44	770	-.03	23	51
35-52-0023	7334560	1330987	11-68	1	305	20,530	4.14	849	22	15,530	3.93	610	8-72	36	662	.07	35	56
35-52-0023	7531186	1427381	1-70	1	305	17,440	4.29	748	25	15,890	3.91	622	9-72	36	845	.08	43	70
35-52-0023	7790214	1458744	11-70	1	305	23,300	3.46	806	7	18,970	3.81	722	4-73	36	813	-.04	23	52
35-52-0023	7790217	1458744	12-70	1	305	24,130	3.32	800	14	18,130	3.87	702	2-73	36	925	-.06	24	58
35-52-0023	7790218	1427381	1-70	1	305	22,600	3.69	835	25	15,890	3.91	622	9-72	36	1,229	.03	49	91
35-52-0039	6967160	1261857	8-67	3	293	17,367	4.35	755	24	15,860	3.81	604	12-72	42	508	.13	38	53
35-52-0039	7372128	1427381	1-69	3	305	19,293	3.88	749	17	15,660	3.81	597	3-73	42	1,086	.06	48	84
35-52-0056	5389853	1244845	9-60	7	305	20,897	3.90	816	32	16,967	3.91	663	3-73	44	755	-.01	26	52
35-52-0056	6609713	1445073	7-66	4	305	22,778	3.78	861	34	16,985	3.89	661	3-72	36	997	.01	37	72
35-52-0056	6637073	1422259	7-66	3	302	21,840	4.00	874	30	17,293	3.99	690	5-72	36	738	.02	29	54
35-52-0056	6645061	1396617	7-66	4	305	21,667	3.95	855	32	16,800	3.91	657	5-72	37	1,037	.00	38	74
35-52-0056	7825813	1458744	1-71	1	305	23,780	4.17	991	20	18,350	4.02	737	4-73	36	885	.03	36	66
35-52-0069	6777989	1347448	2-67	4	305	17,887	4.69	839	11	14,740	3.77	555	10-72	43	488	.16	42	55
35-52-0069	7384173	1447414	7-69	2	305	18,390	3.49	642	13	16,080	3.75	603	12-72	40	834	-.05	22	52
35-52-0070	7019750	1459996	10-67	3	305	25,113	3.82	959	12	15,993	3.71	594	9-72	42	876	.02	35	65
35-52-0070	7513359	1428104	10-69	1	305	23,310	3.87	903	18	15,290	3.90	596	9-72	36	1,074	-.05	30	69
35-52-0112	6929947	1303184	10-67	3	305	18,603	4.05	754	18	14,547	3.82	556	6-72	37	704	.04	31	55
35-52-0112	7113479	1458744	6-68	3	305	19,520	3.47	677	17	15,546	3.76	585	10-72	42	865	-.04	25	56
35-53-0003	5633225	1286632	10-61	9	284	19,594	3.62	709	14	15,349	3.68	565	1-73	40	797	.02	32	59
35-53-0003	6590676	1357743	4-66	5	296	20,684	3.46	715	13	14,452	3.80	549	1-73	44	892	-.06	22	55
35-53-0003	6743294	1374286	1-67	3	300	18,903	3.56	673	37	14,230	3.89	554	10-71	39	1,005	-.08	23	60
35-53-0003	7518514	1428104	12-69	1	305	20,850	3.44	717	44	15,320	3.83	587	9-72	36	889	-.10	16	50
35-53-0010	7331315	1242221	11-68	2	299	16,310	3.68	601	13	14,465	3.75	543	2-72	38	810	.00	29	57
35-53-0013	5866043	1354943	4-63	6	305	18,325	4.03	738	23	14,145	3.80	537	6-72	36	641	.07	34	55
35-53-0015	7077939	1469166	1-68	2	305	19,410	3.97	770	17	13,865	3.58	497	8-71	35	764	.09	42	66
35-53-0015	7302634	1458744	2-69	2	305	16,525	3.64	601	15	13,000	3.65	474	2-73	40	725	-.01	25	50
35-53-0022	6488209	1330987	10-65	4	305	18,237	3.74	682	16	14,765	3.67	542	12-71	44	677	.05	32	54
35-53-0022	7516455	1427381	11-69	2	305	18,660	3.80	709	9	15,730	3.57	561	3-73	40	987	.07	46	79
35-53-0023	7371215	1428104	1-69	2	302	19,480	3.31	644	35	14,670	3.80	557	5-72	40	927	-.12	15	50
35-53-0023	7732410	1393997	6-70	1	304	20,880	3.50	731	29	14,970	3.89	582	11-72	35	781	-.03	24	52
35-53-0025	6960855	1492951	8-67	3	305	21,666	3.57	774	11	17,056	4.02	686	5-72	34	852	-.08	19	51
35-53-0025	6997397	1366229	11-67	4	305	23,197	4.16	965	12	17,007	3.93	669	3-73	44	887	.12	50	78
35-53-0025	7137748	1492951	8-68	2	305	21,160	3.80	805	16	16,500	3.95	652	1-73	32	772	-.02	24	52
35-53-0025	7533025	1366229	8-69	2	305	21,315	3.92	836	21	16,595	3.81	632	10-72	40	586	.08	33	52
35-53-0028	5499933	1106334	9-61	6	305	17,325	4.20	727	6	12,632	3.79	479	10-72	44	594	.13	41	59
35-53-0041	6745197	1383004	10-66	3	305	24,907	3.87	965	12	16,577	3.70	614	2-72	42	956	.13	55	85
35-53-0041	7022830	1383004	1-67	4	305	21,365	3.72	795	11	15,758	3.72	586	11-72	44	674	.10	39	60
35-53-0041	7022831	1383004	1-68	2	305	21,295	3.90	831	12	16,250	3.86	628	1-72	40	496	.12	36	50
35-53-0041	7117830	1383004	5-68	2	305	20,780	3.68	764	13	15,115	3.74	566	9-72	40	536	.10	34	50
35-53-0041	7117831	1383004	6-68	3	305	22,350	3.74	836	9	17,377	3.72	647	3-73	42	588	.10	37	55
35-53-0041	7150261	1383004	6-68	3	305	21,757	4.28	932	10	16,190	3.71	600	12-72	42	629	.19	52	69
35-53-0052	6948318	1242221	9-67	3	304	21,287	3.93	837	17	16,720	3.90	652	8-72	41	1,189	.02	46	87
35-53-0053	5949420	1314767	10-63	7	304	17,435	4.33	755	15	14,212	3.70	526	10-72	44	508	.12	36	51
35-53-0059	6993278	1070036	12-67	3	305	19,967	3.59	716	13	15,420	3.87	596	5-72	42	749	.02	30	56
35-53-0063	7223278	1428104	12-68	2	303	19,605	4.01	786	15	16,090	3.72	598	10-72	40	825	-.02	26	55
35-53-0063	7428690	1393997	7-69	2	305	19,740	3.61	713	19	16,150	3.75	605	10-72	40	706	.00	25	50
35-53-0073	7243511	1427381	9-68	2	305	15,905	3.70	589	10	13,415	3.85	516	3-72	40	896	.03	37	67
35-53-0073	7243514	1458744	2-69	2	296	16,260	4.00	650	10	13,530	3.61	488	9-72	40	655	.04	29	51
35-53-0237	6701381	1373055	9-66	3	305	22,160	3.69	818	22	15,603	3.69	576	1-72	42	900	-.02	29	61

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-53-0237	6908636	1458744	11-67	3	305	19,133	3.32	635	24	15,166	3.84	582	10-72		42	855	-.07	20	$ 52
35-53-0237	7024589	1458744	1-68	2	305	21,505	3.56	765	25	15,305	3.91	598	10-72		40	1,043	-.04	32	69
35-53-0237	7472165	1543327	10-69	1	305	21,840	3.83	837	15	14,520	3.81	553	4-72		23	706	.04	34	60
35-54-0005	7393804	1450228	2-70	1	305	18,810	3.44	648	18	13,290	3.73	496	2-73		36	896	-.04	26	58
35-54-0007	7187005	1478014	6-68	3	258	21,283	3.49	743	14	16,733	3.56	595	4-73	B	42	818	.01	31	59
35-54-0036	6848891	1465678	11-66	4	305	17,905	3.88	695	29	14,950	3.88	580	6-72		40	762	.01	29	55
35-54-0036	6848892	1465678	11-66	4	305	18,585	3.63	674	23	14,525	3.95	574	11-72		40	896	-.03	27	59
35-54-0036	7522323	1518616	9-69	2	305	22,955	3.55	815	16	15,420	4.16	641	4-73		38	870	-.02	28	59
35-54-0039	7252604	1394348	10-68	2	305	22,495	3.82	859	24	15,095	3.84	579	5-72		40	841	.00	30	59
35-54-0042	6835531	1465678	3-67	4	304	17,302	3.51	608	21	14,157	3.79	536	10-72		40	767	-.03	23	50
35-54-0042	6835533	1468011	5-67	4	305	20,715	3.58	741	19	15,075	3.77	569	1-73		37	997	-.01	34	69
35-54-0042	6835534	1468011	5-67	4	305	19,258	3.93	757	13	15,238	3.75	572	3-73		37	776	.05	35	61
35-54-0042	6993000	1495881	8-67	3	305	20,390	3.47	707	22	15,306	3.83	586	4-72		41	1,026	-.07	26	63
35-54-0042	6993001	1495881	1-68	3	305	20,676	3.39	701	16	16,203	3.81	618	11-72		41	975	-.08	22	58
35-54-0042	7641843	1428104	2-70	1	305	20,260	3.50	710	22	13,700	3.79	519	7-72		36	941	-.09	20	55
35-54-0045	6116203	1386406	3-64	6	305	21,260	3.59	763	28	15,536	3.86	600	10-72		44	948	-.01	32	65
35-54-0055	7226694	1428104	12-68	2	305	25,350	3.68	932	9	17,025	3.80	647	3-72		40	1,332	-.07	37	85
35-54-0055	7439115	1393997	10-69	2	305	19,665	3.27	643	14	14,520	3.74	543	10-72		40	832	-.05	22	52
35-54-0055	7435501	1428104	11-69	2	300	20,945	3.70	775	11	15,900	3.70	589	12-72		40	976	-.06	26	61
35-54-0063	5704572	1388406	4-62	7	305	22,177	3.99	885	21	16,557	3.71	615	8-72		44	961	.07	46	78
35-54-0063	7263092	1427381	3-69	1	305	19,750	4.06	802	24	16,860	3.90	658	1-73		36	989	.07	45	77
35-54-0063	7365836	1427381	5-69	2	234	19,220	3.86	742	31	15,910	3.92	623	10-72	B	40	1,029	.04	44	79
35-54-0063	7430469	1427381	11-69	1	305	21,430	3.73	799	17	16,190	3.92	634	4-72		36	1,124	.04	46	84
35-54-0064	7254655	1519443	12-68	2	305	20,840	3.75	781	12	14,580	3.72	543	3-72		25	791	.02	31	58
35-54-0064	7278568	1519443	8-68	3	305	21,667	3.38	733	10	14,963	3.78	566	1-73		29	965	-.06	25	60
35-54-0064	7564748	1428104	12-69	2	305	19,690	3.71	731	10	15,595	3.74	583	3-73		40	874	-.06	22	54
35-54-0082	6750079	1448176	1-67	4	305	21,645	3.76	813	27	15,665	3.74	586	3-73		35	935	.03	38	70
35-54-0082	6894401	1448176	6-67	3	305	19,050	4.26	812	29	15,307	3.72	570	5-72		33	870	.12	38	55
35-54-0082	7656422	1456744	6-70	1	305	19,340	4.30	832	27	14,910	3.80	567	6-72		36	760	.04	34	59
35-54-0089	7184890	1339836	6-67	4	305	22,510	3.33	749	6	15,973	3.63	580	4-73		42	947	-.08	22	57
35-54-0091	7046152	1374286	9-67	4	304	20,437	3.34	682	22	15,470	3.88	600	3-73		41	1,102	-.12	20	62
35-54-0091	7443903	1428104	10-69	2	305	20,310	3.41	693	26	15,170	3.92	594	1-73		40	971	-.11	17	54
35-54-0119	7469283	1393997	1-70	1	305	19,540	4.28	837	25	15,860	3.88	615	9-72		35	626	.05	30	51
35-54-0119	7477723	1427381	1-70	1	305	19,040	4.19	797	19	16,670	4.04	674	6-72		36	917	.06	43	73
35-54-0145	7261835	1261857	2-69	2	305	18,695	3.69	690	12	13,305	3.58	476	8-72		40	837	.06	40	68
35-54-0261	7486695	1393997	1-70	1	305	21,600	3.01	650	34	14,540	4.00	581	10-72		35	861	-.08	18	50
35-54-0354	7365511	1427381	7-69	2	302	18,370	3.48	639	8	15,570	3.51	547	1-73		40	971	.03	40	73
35-54-0390	7548504	1393997	9-69	2	305	21,820	3.24	707	31	15,915	3.76	599	12-72		40	937	-.06	24	58
35-54-0399	7267339	1427381	9-68	2	305	20,285	3.90	792	5	17,805	3.57	635	5-72		40	984	.00	48	80
35-54-0461	6648676	1182696	12-64	6	305	19,380	3.80	736	15	16,852	3.67	618	4-72		44	621	.04	29	50
35-55-0025	7310888	1427381	1-69	2	305	19,795	4.14	819	24	15,125	3.80	574	1-73		40	1,152	.09	56	94
35-55-0044	7575057	1365341	10-69	2	305	19,625	3.86	757	11	15,580	3.74	582	3-73		40	905	.01	34	65
35-55-0045	7751771	1447414	8-70	1	305	23,340	3.52	822	19	16,100	3.76	606	11-72		36	1,168	-.04	35	77
35-56-0009	6660503	1261857	11-66	4	305	19,213	3.55	682	20	15,445	3.59	555	3-72		44	784	.04	35	61
35-56-0027	7466285	1427381	9-69	2	305	18,515	4.43	821	28	15,580	3.81	593	2-73		40	985	.12	54	83
35-56-0027	7466286	1427381	10-69	2	305	19,820	4.11	814	32	16,075	3.79	609	12-72		40	1,077	.08	52	87
35-56-0033	6039458	1330987	7-63	7	304	17,245	3.70	638	14	12,891	3.76	485	1-73		44	758	.04	33	58
35-56-0044	6807469	1467006	4-67	4	303	20,217	3.85	779	26	17,332	4.00	693	12-72		41	799	-.01	27	55
35-56-0044	6917284	1467006	7-67	4	300	20,865	3.48	727	24	17,387	3.93	683	7-72		41	877	-.06	22	54
35-56-0044	7455256	1427381	11-69	2	305	21,345	3.49	746	41	18,090	3.95	715	1-73		40	1,068	-.01	37	74
35-56-0045	6885723	1365341	9-67	4	304	20,617	3.55	732	41	16,202	3.98	645	1-73		44	1,032	-.05	29	66
35-56-0045	7531168	1427381	12-69	2	305	17,800	4.01	713	42	16,220	3.98	646	12-72		40	860	.05	39	68
35-56-0045	7894535	1450228	1-71	1	305	19,740	4.20	830	29	17,120	4.05	693	3-73	H	36	737	.01	28	53
35-56-0048	7094171	1397209	6-68	2	302	19,765	3.60	712	10	14,980	3.70	554	4-72		40	751	-.02	24	51
35-56-0050	6997400	1366229	1-68	4	296	24,300	3.95	959	31	18,120	3.75	680	2-73		44	913	.10	48	77
35-56-0050	7280832	1366229	1-69	3	303	21,743	4.43	963	33	18,263	3.73	682	1-73		42	549	.17	46	61
35-56-0050	7463048	1397209	9-69	2	305	23,140	4.03	933	25	18,950	3.81	722	1-73		40	771	.03	33	59
35-56-0057	5517982	1313975	11-61	10	304	19,465	4.22	822	14	16,700	3.90	651	4-73		36	559	.10	35	52
35-56-0077	7219914	1387978	9-68	3	303	17,947	3.85	691	10	13,963	3.77	526	9-72		42	824	.02	32	60
35-56-0088	7416545	1330987	8-67	4	305	17,835	3.57	637	27	14,715	3.51	516	3-73		44	632	.04	29	50
35-56-0117	7703968	1365341	11-70	1	305	19,860	3.52	699	24	16,770	3.70	621	3-73		36	767	-.02	24	51
35-56-0120	7536142	1427381	3-70	1	305	21,070	3.73	786	12	15,380	3.83	589	5-72		36	1,145	.04	47	86
35-56-0199	7479074	1464901	2-70	1	305	18,930	3.65	691	5	16,260	3.62	588	4-72		34	781	-.02	25	53
35-56-0218	6980933	1377954	9-67	3	305	23,273	3.65	849	9	15,220	3.74	569	5-72		42	1,272	.01	47	91
35-56-0235	6570444	1449586	10-64	4	304	21,543	3.15	678	5	14,210	3.78	537	6-72		30	1,102	-.11	22	63
35-56-0444	7656306	1399283	3-69	2	305	21,335	3.54	756	11	15,685	3.44	540	8-72		40	832	-.02	27	56
35-56-0444	7739559	1495135	12-69	2	305	21,090	4.09	862	15	17,260	3.67	634	1-73		37	726	.11	43	66
35-56-0464	8002064	1365341	1-70	1	305	17,340	3.65	633	7	12,820	3.60	461	5-72		36	815	-.01	28	57
35-56-0464	8026130	1365341	2-70	1	305	17,050	3.64	620	7	12,790	3.60	460	6-72		36	795	-.01	27	55
35-56-0476	6933441	1450555	4-65	2	305	18,420	4.51	830	15	14,410	3.91	564	2-72		25	502	.11	35	50
35-56-0518	7058297	1398216	4-68	2	304	21,580	3.51	757	16	15,920	3.57	569	9-72		40	936	-.05	26	60
35-56-0536	7281103	1387978	11-68	3	305	23,997	3.15	756	21	16,400	3.69	605	1-73		42	1,296	-.09	32	79
35-56-0542	7669100	1447414	4-70	1	305	18,500	4.01	742	18	16,940	3.88	657	12-72		36	758	-.01	26	53
35-57-0001	7651477	1428104	6-70	1	305	19,540	3.96	773	9	14,320	4.04	578	1-73		36	851	-.06	21	52
35-57-0006	7254577	1427381	8-68	3	284	16,930	3.83	648	39	14,593	3.67	535	9-72		42	913	.06	42	72
35-57-0012	6106691	1381987	3-64	5	305	20,278	4.00	812	13	15,836	3.92	621	2-73		41	659	.05	31	53
35-57-0039	7273912	1451185	2-69	2	305	20,320	3.77	767	14	13,680	3.99	546	6-72		40	828	.01	31	60
35-57-0042	5980201	1329588	12-63	6	305	18,400	3.70	680	19	14,045	3.76	528	6-72		44	732	-.01	25	51
35-57-0042	7461325	1427381	10-69	2	302	16,510	3.50	578	21	13,840	3.68	509	9-72		40	922	.02	37	69
35-57-0042	7590833	1427381	2-70	1	305	19,240	3.86	742	6	15,100	3.77	569	2-73		36	1,026	.05	45	79
35-57-0047	6458699	1340669	12-64	5	305	20,150	3.53	711	15	14,678	3.80	558	1-72		44	904	-.09	19	53
35-57-0047	7093961	1458744	5-67	4	305	19,257	3.64	701	17	15,570	3.82	594	12-72		44	856	-.02	27	57
35-57-0047	7830283	1427381	1-70	1	305	15,980	3.62	579	26	14,210	3.89	553	10-72		36	836	.03	34	63
35-57-0047	7830285	1458744	5-70	1	305	20,030	3.61	724	18	13,580	3.88	527	9-72		36	890	-.02	29	60
35-57-0053	6471865	1386406	9-64	6	305	21,546	3.65	786	22	15,696	3.75	589	12-72		44	969	.01	36	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	RPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
35-57-0353	7105591	1492088	9-66	4	305	22,523	3.76	847	19	16,573	3.78	626	7-72		33	1,027	.01	38	$ 74
35-57-0053	7150076	1428104	11-67	3	305	21,766	3.60	784	19	16,550	3.73	618	7-72		42	1,068	-.07	27	66
35-57-0071	7445784	1427381	10-69	2	305	16,630	3.69	613	8	15,005	3.78	567	1-73		40	840	.03	35	64
35-57-0077	4408318	1242342	12-56	10	292	18,217	4.56	831	17	15,553	3.71	577	9-72	B	36	493	.17	43	56
35-57-0077	5981428	1309948	9-63	6	305	21,480	4.21	905	28	16,968	3.78	641	8-71		43	824	.08	42	69
35-57-0077	6778883	1458744	11-66	4	305	20,837	3.38	704	19	17,780	3.74	665	3-72		44	833	-.06	21	51
35-57-0077	7083052	1478901	11-67	4	255	21,690	3.50	759	22	16,820	3.83	644	11-72	B	30	807	-.05	22	51
35-57-0086	6672311	1484737	7-66	5	305	20,386	3.58	729	20	16,286	3.76	613	10-72		35	929	-.03	29	62
35-57-0086	6672313	1484737	9-66	5	305	23,100	3.99	921	22	17,254	3.82	659	1-73		35	1,222	.05	52	93
35-57-0086	6672315	1484737	9-66	5	305	22,230	3.36	746	20	17,200	3.82	657	2-73		35	1,097	-.09	26	66
35-57-0086	6672320	1373055	10-66	5	305	23,318	3.57	832	28	17,798	3.82	679	12-72		44	914	-.06	24	57
35-57-0086	6888512	1484737	9-67	3	305	21,663	3.81	825	18	17,500	3.82	669	4-72		32	910	.01	34	66
35-57-0086	7118399	1453637	5-68	3	305	22,603	3.52	795	13	16,600	3.78	628	8-72		33	870	-.02	28	59
35-57-0086	7611469	1453637	11-69	2	301	22,210	4.19	930	23	18,080	3.86	697	12-72		30	587	.08	34	52
35-57-0105	5264183	1331314	5-60	6	305	20,102	4.58	920	15	16,187	3.92	634	8-72		41	440	.17	42	53
35-57-0105	6967657	1462111	8-67	3	305	21,253	3.89	827	27	15,530	3.94	612	11-72	.	36	710	.03	30	54
35-57-0105	7151105	1270685	3-68	3	305	22,780	4.01	914	23	16,017	3.95	633	11-72		39	922	.08	46	76
35-57-0105	7182334	1428104	8-68	1	305	22,710	3.69	839	28	17,550	4.09	718	10-72		36	894	-.09	18	51
35-57-0105	7369850	1471956	6-68	2	305	20,315	4.12	837	20	17,465	3.92	684	2-72		39	686	.03	30	53
35-57-0105	7756887	1471956	7-70	1	305	22,540	4.21	950	22	18,120	4.00	725	1-73		35	745	.03	32	57
35-57-0125	7291021	1458744	12-68	2	305	20,805	3.80	790	18	15,460	3.71	573	11-72		40	959	.01	36	69
35-57-0128	7582104	1458744	10-69	1	305	16,940	4.58	776	22	14,490	3.88	562	12-72		36	606	.05	30	50
35-57-0138	7165467	1427381	10-68	1	305	18,630	4.32	805	21	16,250	3.83	623	11-72		36	912	.09	47	77
35-57-0372	7825993	1458744	9-68	2	305	18,765	3.09	579	12	14,205	3.70	526	12-72		40	854	-.08	19	51
35-57-0374	6504568	1383004	10-65	4	305	22,268	4.08	908	5	17,903	3.73	667	2-72		44	574	.16	45	61
35-57-0374	6990085	1468011	10-67	3	303	22,083	3.93	867	9	17,317	3.68	637	12-72		35	894	.06	41	71
35-57-0418	6717747	1366229	2-66	4	263	19,900	3.43	683	17	15,132	3.55	537	5-72		44	665	.03	28	51
35-57-0418	7612607	1538096	12-69	1	305	22,390	3.31	742	20	14,370	3.69	530	4-72		25	916	-.05	25	58
35-59-0010	6694347	1433030	10-66	3	305	19,490	3.79	738	13	14,043	3.67	516	6-72		33	794	.01	30	57
35-59-0014	7430182	1458744	8-69	2	305	22,115	2.89	640	22	16,475	3.49	575	10-72		40	1,010	-.10	21	59
35-59-0014	7598206	1448297	1-70	1	305	23,640	3.39	801	25	16,660	3.51	584	5-72		35	847	-.05	23	54
35-59-0079	7516794	1365341	10-69	2	305	17,270	4.28	739	15	15,505	3.67	569	2-73		40	672	.06	34	56
35-59-0079	7845677	1397209	7-69	2	305	20,520	3.43	704	20	14,750	3.81	562	1-73		40	847	-.05	22	53
35-59-0084	6931850	1383926	1-67	3	303	22,106	3.44	760	22	16,456	3.68	606	11-71		42	867	-.01	29	60
35-59-0084	7421476	1418353	4-69	2	305	23,515	3.88	912	20	17,010	3.73	634	1-73		38	1,008	.04	42	76
35-59-0091	6341273	1330987	10-64	5	305	18,222	3.62	660	9	14,906	3.65	544	9-71		44	676	.03	29	52
35-59-0117	7735515	1427381	6-70	1	305	17,070	3.73	637	19	13,040	3.67	479	12-72		36	987	.05	43	76
35-59-0119	6950007	1471561	12-67	2	305	22,550	4.06	915	11	15,915	3.61	575	11-71		32	883	.09	45	74
35-59-0119	7604198	1458744	6-70	1	305	19,210	3.89	748	11	16,010	3.44	550	8-72		36	684	.03	29	52
35-59-0122	6269444	1252142	2-65	5	305	19,926	4.52	900	9	16,100	3.58	577	5-72		44	615	.14	44	62
35-59-0127	7616064	1365341	4-70	1	305	19,940	3.47	691	16	14,040	3.68	516	12-72		36	936	-.03	29	62
35-59-0132	5966361	1199324	11-63	5	305	17,000	3.56	606	15	13,114	3.64	477	5-72		44	884	-.02	29	60
35-59-0232	6608053	1441298	6-66	2	304	19,580	3.66	717	15	13,910	3.83	533	11-72		38	1,179	-.07	32	75
35-59-0388	6787007	1397209	11-66	4	301	20,825	3.39	706	15	15,750	3.49	549	6-72		44	898	-.03	27	59
35-59-0388	6857962	1347448	4-67	3	305	21,320	3.54	754	7	15,570	3.41	531	11-72		42	787	.02	32	59
35-59-0520	7664582	1447414	9-70	1	305	16,680	3.50	584	14	14,020	3.42	479	1-73		36	796	-.03	24	52
35-59-0545	7852020	1458744	11-69	1	305	18,660	3.21	599	16	13,080	3.70	484	8-72		36	818	-.05	22	52
35-59-0553	7223656	1330987	11-68	2	305	20,230	3.53	714	10	15,500	3.69	572	3-73		40	757	.02	31	57
35-59-0605	7656235	1500404	4-69	2	305	20,655	3.41	704	18	16,655	3.59	598	1-73		40	882	-.09	17	50
35-59-0605	7723810	1500404	7-69	2	290	21,740	3.22	699	20	16,475	3.57	588	11-72		40	1,007	-.12	17	55
35-60-0001	7071769	1315423	1-68	3	305	22,333	3.51	783	42	15,943	3.70	590	12-72		42	930	-.07	22	58
35-60-0024	6889671	1466701	7-67	2	305	15,635	3.76	588	25	11,355	3.50	397	7-72		29	621	.04	29	50
35-60-0032	7750929	1365341	5-70	1	305	18,860	3.44	648	23	14,240	3.82	544	9-72		36	843	-.04	24	56
35-60-0039	6652469	1366229	7-66	5	305	20,238	3.73	754	21	16,492	3.65	602	2-73		44	594	.06	31	50
35-60-0039	7149818	1306247	9-68	2	305	19,815	3.85	762	12	15,305	3.74	573	8-72		40	780	.00	28	55
35-60-0039	7301631	1397209	10-68	2	305	20,755	3.79	787	18	16,330	3.77	615	4-72		40	742	.00	27	53
35-60-0039	7458430	1397209	11-69	2	305	23,400	3.39	793	22	16,625	3.66	609	1-73		40	987	-.05	28	64
35-60-0049	5419246	1070036	8-61	6	305	20,017	3.83	766	22	16,025	3.51	562	11-72		44	751	.09	41	65
35-60-0049	6734515	1284364	1-67	3	305	23,470	2.81	659	26	14,503	3.65	529	11-72		42	1,141	-.16	16	60
35-60-0049	6969911	1441472	10-67	3	305	21,860	3.85	842	18	16,303	3.56	581	4-72		36	647	.10	39	59
35-60-0049	7247636	1458744	8-68	2	305	20,080	3.64	730	24	15,150	3.66	554	1-72		40	911	.00	32	64
35-60-0049	7662172	1458744	10-69	2	305	19,155	3.39	649	24	15,030	3.75	564	1-73		40	827	-.04	23	53
35-60-0051	7360384	1365341	3-69	2	305	19,565	3.24	634	14	15,530	3.60	559	9-72		40	903	-.05	24	57
35-60-0053	7459658	1477381	9-69	2	305	20,175	4.01	809	19	17,435	3.66	638	1-73		40	577	.08	33	51
35-60-0055	7385678	1513920	11-68	2	305	25,270	3.72	941	22	17,545	3.66	642	10-72		40	857	-.01	30	60
35-60-0060	6840451	1444650	1-67	4	305	19,603	3.91	766	24	14,260	3.67	524	12-72		36	739	.07	37	61
35-60-0060	7248250	1516388	2-69	2	305	21,615	3.51	758	27	14,085	3.76	530	11-72		39	925	-.05	26	59
35-60-0060	7693335	1458744	11-70	1	305	18,680	3.47	648	12	13,760	3.76	518	4-73		36	779	-.03	23	51
35-60-0064	6838246	1480248	12-66	4	305	21,970	3.50	770	17	15,418	3.77	582	3-73		40	1,020	-.04	31	67
35-60-0067	7401574	1387978	7-69	2	305	15,760	4.09	644	6	13,260	3.60	477	8-72		40	620	.04	25	50
35-60-0073	7214564	1377954	7-68	3	305	21,400	3.61	772	39	16,073	3.70	594	12-72		42	978	.01	36	70
35-60-0075	7566063	1365341	3-70	1	305	20,310	3.69	750	24	17,100	3.80	649	6-72		36	781	-.01	26	54
35-60-0083	6495377	1459966	12-65	5	305	20,974	3.39	711	14	14,672	3.67	538	6-72		32	1,001	-.05	28	64
35-60-0083	6972555	1306247	12-67	3	305	20,500	3.24	665	23	15,780	3.61	570	3-72		42	860	-.08	19	51
35-60-0089	6154712	1383926	9-64	5	305	20,378	3.96	806	16	17,182	3.69	634	2-72		44	647	.08	35	56
35-60-0089	6606328	1441298	4-66	5	305	21,704	3.12	677	13	17,232	3.71	639	3-73		42	1,220	-.15	20	66
35-60-0089	6802863	1441298	3-67	4	305	18,902	3.48	657	12	16,985	3.70	628	4-73		41	867	-.09	18	50
35-60-0094	6402261	1236789	8-65	5	305	19,074	3.51	670	16	15,242	3.84	585	4-72		44	790	-.03	24	52
35-60-0094	6769160	1236789	9-66	4	299	21,055	3.77	794	12	14,962	3.72	557	12-72		43	1,045	.02	41	77
35-60-0107	7344207	1366229	12-68	3	292	19,773	3.65	721	18	15,143	3.59	544	3-73		42	609	.06	31	51
35-60-0117	5972272	1309948	11-63	6	305	21,713	3.57	775	21	17,428	3.66	638	10-71		43	807	-.03	25	54
35-60-0118	6451574	1330987	11-65	4	305	19,050	3.45	657	17	15,562	3.68	572	11-72		44	699	.01	26	50
35-60-0118	7709240	1458744	10-70	1	305	18,980	3.78	718	24	15,140	3.86	585	1-73		36	719	-.01	25	50
35-60-0118	7709241	1427381	10-70	1	305	18,750	3.75	704	24	15,150	3.87	586	1-73		36	986	.04	42	75
35-60-0121	6968222	1366229	8-67	4	301	20,675	4.34	898	20	16,582	4.06	674	1-73		44	617	.12	41	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
35-60-0121	6968224	1492653	8-67	4	305	21,995	4.17	917	20	16,460	4.10	675	12-72		33	897	.09	46	$ 75
35-60-0121	7139286	1366229	5-68	3	299	20,200	4.40	889	17	16,500	4.13	682	12-72		42	533	.12	37	53
35-60-0121	7139288	1529057	8-68	3	294	20,370	4.16	847	18	16,303	4.16	678	3-73		29	628	.04	29	50
35-60-0123	7026448	1496182	2-68	3	305	20,430	3.79	775	16	15,610	4.02	628	1-73		33	684	.02	27	50
35-60-0123	7321014	1505402	2-69	2	208	17,535	4.18	733	7	13,190	3.85	508	9-72	B	30	577	.12	39	56
35-60-0125	6559944	1397209	6-66	4	300	18,847	4.08	769	14	14,832	3.88	575	7-72		44	745	.03	32	57
35-60-0127	6975262	1458744	9-67	2	305	18,295	3.70	677	9	14,960	3.65	546	5-72		40	745	.00	27	53
35-60-0127	7346964	1441298	3-68	2	305	19,885	3.31	658	9	14,290	3.71	530	2-73		38	1,179	-.10	26	70
35-60-0128	6976756	1383004	8-67	3	305	17,910	4.27	764	5	13,090	3.80	498	7-72		42	472	.17	42	54
35-60-0198	7686417	1365341	6-70	1	305	19,630	3.15	618	22	16,030	3.52	564	9-72		36	794	-.05	21	50
35-60-0199	7347379	1418353	3-69	2	305	20,980	3.79	795	22	15,660	3.67	574	1-73		38	856	.02	34	63
35-60-0320	7241319	1357797	10-68	3	302	18,750	3.64	683	13	15,793	3.58	565	3-73		42	573	.10	36	54
35-60-0364	6895686	1366229	6-67	3	305	19,043	4.01	763	10	14,686	3.53	519	11-72		42	567	.12	38	55
35-60-0459	5969646	1199324	10-63	5	278	18,524	3.65	676	32	14,768	3.87	572	7-72	B	44	910	-.03	28	60
35-60-0459	7178922	1505402	10-68	2	276	18,535	4.18	775	24	14,605	3.82	558	5-72	B	30	562	.12	39	56
35-60-0464	6237450	1424289	4-64	5	305	19,488	4.13	804	11	15,668	3.72	583	8-72		35	681	.11	41	62
35-60-0464	6965489	1357797	4-67	2	305	20,200	3.96	799	18	16,030	3.74	599	12-72		40	662	.13	44	64
35-60-0464	7157711	1236789	10-67	4	303	17,875	4.41	789	9	16,105	3.80	612	11-72		43	536	.10	35	51
35-61-0014	6613801	1192713	2-66	5	305	23,138	3.67	850	24	17,392	3.77	656	11-72		44	1,014	-.01	35	71
35-61-0014	6723962	1222994	9-66	4	305	22,080	3.48	768	23	17,878	3.74	669	3-72		44	849	-.03	26	56
35-61-0014	6723964	1261857	9-66	5	303	20,012	3.98	797	29	18,064	3.71	670	11-72		44	634	.11	39	59
35-61-0014	6962285	1261857	10-67	3	305	21,687	3.69	801	16	17,330	3.74	649	5-72		42	869	.05	39	68
35-61-0014	7287644	1497475	11-68	3	295	20,593	3.43	706	14	17,460	3.80	663	3-73		38	954	-.05	27	61
35-61-0016	7316167	1418353	4-69	1	304	23,180	3.55	823	13	15,700	3.73	585	7-72		34	890	-.01	31	62
35-61-0016	7489587	1427381	6-68	2	305	18,595	4.66	867	16	16,800	3.78	635	12-72		40	894	.15	56	83
35-61-0016	7630714	1330987	9-68	2	305	20,260	3.80	769	13	15,835	4.02	636	1-72		40	733	.03	31	56
35-61-0017	7610923	1365341	12-69	2	305	19,405	3.74	726	7	14,035	3.86	542	2-73		40	1,008	-.01	34	69
35-61-0018	7021848	1383926	1-68	3	304	22,326	3.37	753	16	17,263	3.64	628	4-73		42	818	-.02	27	56
35-61-0018	7499623	1365341	12-69	1	305	23,350	3.84	897	17	17,460	3.57	623	2-73		36	986	.02	38	72
35-61-0018	7762240	1397209	3-70	1	305	25,530	3.25	831	24	17,320	3.68	637	11-72		36	927	-.07	23	57
35-61-0022	6387119	1432844	3-65	5	305	20,014	3.70	740	10	15,956	3.76	600	2-73		37	815	.00	29	57
35-61-0022	7100413	1383926	12-67	4	296	23,985	3.19	764	15	17,495	3.81	666	10-72		44	1,043	-.08	25	63
35-61-0164	7613320	1447414	12-69	1	305	21,160	3.48	737	11	17,790	3.58	637	9-72		36	905	-.04	26	59
35-61-0166	7531546	1427381	11-69	1	305	21,740	3.97	863	22	16,630	3.87	644	12-72		36	1,121	.06	50	88
35-61-0166	7697634	1427381	10-70	1	305	21,250	3.72	790	33	16,500	3.84	633	11-72		36	1,092	.04	45	82
35-61-0392	7465149	1524095	11-69	2	303	21,170	3.45	731	21	15,055	3.69	555	2-73		25	785	-.03	23	51
35-62-0012	6710073	1377052	11-66	4	293	20,617	3.44	709	13	15,595	3.59	560	9-72		44	769	-.02	25	52
35-62-0012	6843302	1245390	1-67	1	305	24,460	3.40	831	20	16,280	3.52	573	11-72		35	987	-.08	23	59
35-62-0012	7588963	1428104	2-70	1	305	24,160	3.15	762	17	15,950	3.53	563	9-72		36	1,098	-.12	21	62
35-62-0012	7755090	1236789	10-70	1	305	20,760	3.82	792	17	16,040	3.58	574	1-73		35	692	.03	30	53
35-62-0050	5660827	1070198	11-61	6	305	20,173	3.70	746	38	14,360	3.64	522	3-73		44	808	.01	31	59
35-62-0071	6076372	1314767	11-63	6	298	19,211	3.54	681	23	14,236	3.59	511	4-72		44	735	.01	28	53
35-62-0117	6693077	1406271	8-66	3	305	17,343	4.06	704	12	14,363	3.54	509	4-72		42	699	.10	40	62
35-62-0117	7754622	1427381	11-70	1	298	16,860	3.20	539	22	14,340	3.54	507	1-73		36	894	.01	34	65
35-62-0274	6963291	1314767	3-66	5	305	19,548	3.68	720	19	13,956	3.65	509	8-72		44	807	.03	34	61
35-62-0274	7233167	1377052	6-67	4	301	19,227	3.66	704	14	14,370	3.70	531	1-73		44	718	.01	27	52
35-63-0003	7713852	1428104	11-70	1	305	22,680	3.15	715	18	16,560	3.76	623	1-73		36	951	-.13	14	50
35-63-0016	6546706	1458744	5-66	4	305	18,195	4.35	792	15	16,042	3.75	601	4-72		44	678	.09	38	59
35-63-0016	6932468	1458744	10-67	3	305	18,136	3.79	687	17	15,260	3.75	572	12-71		42	732	.00	27	52
35-63-0016	7194531	1458744	11-68	2	305	18,325	4.15	760	19	15,700	3.79	595	11-72		40	688	.05	32	55
35-63-0041	7552793	1495881	7-69	2	305	21,195	3.50	742	7	15,720	4.17	655	2-73		38	1,017	-.09	23	61
35-63-0105	7233518	1483844	11-68	2	305	22,060	4.17	920	29	15,900	3.85	612	1-73		40	722	.06	35	59
35-63-0107	6338294	1423559	7-64	5	300	24,936	3.53	881	39	16,090	3.43	552	3-72		32	1,449	.01	33	103
35 63-0107	6732996	1383004	9-66	3	305	20,327	4.13	840	31	15,627	3.62	565	2-72		42	516	.17	45	59
35-63-0107	7110721	1469167	4-68	2	305	22,385	3.65	816	37	15,420	3.56	549	3-72		33	1,070	.01	40	77
35-63-0107	7329799	1377052	12-68	2	305	22,345	3.20	716	19	15,175	3.54	537	10-72		40	871	-.05	24	56
35-63-0107	7496596	1106334	1-69	3	243	22,143	3.69	817	33	15,587	3.57	557	1-73		42	822	.07	40	67
35-63-0110	6619667	1294703	12-64	4	305	19,238	3.35	645	15	13,625	3.77	513	1-73		43	1,023	-.08	25	63
35-63-0110	6634726	1294703	12-64	4	305	16,853	4.09	689	14	13,815	3.76	519	10-72		43	707	.02	29	53
35-63-0114	7356413	1427381	10-68	2	305	15,760	3.57	562	11	13,905	3.52	490	7-72		40	841	.04	36	64
35-63-0114	7565696	1427381	1-70	1	305	15,310	3.86	591	9	13,070	3.61	472	4-72		36	854	.06	40	68
35-63-0124	6713408	1261857	8-66	4	304	20,983	3.73	782	21	16,483	3.63	599	2-72		44	900	.07	43	73
35-63-0124	6974299	1261857	2-67	4	302	20,495	3.27	671	24	16,378	3.61	592	2-72		44	850	.00	30	60
35-63-0288	6990970	1387978	2-68	2	305	19,285	3.84	741	15	14,955	3.58	536	2-72		40	841	.02	34	63
35-63-0485	6478564	1450326	2-65	5	305	18,478	3.79	701	19	14,602	3.82	558	4-73	B	38	764	.01	29	55
35-63-0551	6738843	1261857	10-66	5	299	18,618	3.61	672	17	16,390	3.63	595	12-72		44	627	.05	30	51
35-63-0558	6685019	1436219	11-66	4	299	18,165	4.85	881	18	14,115	3.69	521	10-72		37	540	.25	57	70
35-63-0558	8042162	[illegible]	9-70	1	305	18,500	3.33	616	13	15,720	3.45	543	1-73		36	934	.03	38	70
35-63-0558	8042164	[illegible]	8-70	1	305	22,830	3.62	827	13	16,680	3.61	602	12-72		36	1,199	.04	50	91
35-65-0002	7422163	[illegible]	9-69	2	305	19,205	4.07	781	17	13,980	3.89	544	3-73		40	1,185	.07	54	93
35-65-0026	7595433	[illegible]	6-70	1	305	23,030	3.73	859	27	17,970	3.81	685	10-72		36	1,034	-.03	33	70
35-65-0026	7866401	1430228	10-70	1	305	23,500	3.97	933	26	18,780	3.83	719	11-72		36	918	.01	34	66
35-65-0086	7580692	1427381	12-68	3	301	16,293	4.07	663	17	13,486	3.71	500	4-73		42	941	.08	47	78
35-65-0114	7082256	1427381	11-69	2	193	16,725	3.81	637	6	13,620	3.67	500	4-73	B	40	962	.05	43	75
35-65-0114	8001300	1427381	2-70	2	205	16,410	3.92	644	11	14,580	3.68	536	3-73	B	40	852	.07	41	69
35-65-0151	6235907	1406271	12-64	6	305	18,075	3.72	673	20	13,495	3.69	498	11-72		44	911	.04	39	70
35-65-0151	6414105	1417703	10-65	4	305	20,680	3.45	713	21	14,000	3.81	534	3-72		37	962	-.06	25	60
35-65-0173	7392986	1485550	3-69	2	305	19,765	3.45	682	22	13,725	3.75	515	11-72		40	911	-.09	19	53
35-65-0178	6980381	1330987	10-67	2	305	19,435	3.56	691	16	16,215	3.40	552	10-71		40	618	.05	30	50
35-65-0178	7158364	1330987	4-68	4	297	19,837	3.29	652	17	16,060	3.44	553	3-73		44	747	.00	27	53
35-65-0178	7275932	1427381	2-69	2	302	19,865	3.17	629	12	16,010	3.34	535	4-72		40	1,087	.01	40	78
35-65-0178	7427990	1330987	8-69	1	305	27,580	2.85	785	16	16,410	3.24	531	10-72		36	1,135	-.04	35	75
35-65-0212	6811192	1314767	12-66	4	305	20,285	3.50	710	7	15,067	3.81	574	6-72		44	760	-.02	25	52
35-65-0216	7568083	1458744	3-70	1	305	20,830	3.43	715	26	16,400	3.79	622	7-72		36	782	-.04	22	50
35-65-0216	7637372	1458744	6-70	1	305	19,350	4.07	787	19	16,450	3.72	612	10-72		36	669	.03	28	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD O MO-YR	C REPT D (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
35-65-0218	5802542	1401892	1-63	7	305	21,141	3.62	765	31	14,170	4.16	589	3-73	35	1,205	-.04	37	$ 80
35-65-0226	7204736	1427381	9-68	3	305	18,233	4.54	827	26	16,533	3.90	644	12-72	42	884	.14	53	80
35-65-0226	7414231	1489981	3-69	2	305	19,435	3.85	749	21	15,925	3.85	613	12-72	40	516	.10	34	50
35-65-0249	6682629	1383004	9-66	4	305	23,578	3.72	877	21	14,723	3.70	545	8-72	44	1,050	.10	53	87
35-65-0249	6921878	1383004	12-67	3	244	19,713	4.05	798	13	14,837	3.88	575	12-72	42	518	.13	39	54
35-65-0266	6585364	1377954	7-66	3	305	19,440	3.71	722	38	16,010	3.74	598	8-72	42	759	.02	30	56
35-65-0266	7058383	1386406	4-67	4	305	20,265	3.48	706	40	15,860	3.80	603	2-73	44	763	-.02	24	51
35-65-0266	7058386	1485865	11-67	4	305	19,583	4.24	831	46	16,440	3.78	621	2-73	30	533	.10	35	51
35-65-0266	7281101	1427381	4-69	2	305	19,440	3.86	750	24	16,105	3.64	587	10-72	40	1,036	.07	48	82
35-65-0266	7318008	1427381	4-69	2	305	21,945	3.41	748	31	15,990	3.73	596	1-73	40	1,299	.00	47	92
35-65-0266	7477693	1427381	8-69	2	305	24,670	3.65	900	24	16,195	3.74	605	4-73	40	1,559	.03	61	115
35-65-0266	7477694	1427381	10-69	1	305	26,070	4.49	1171	43	16,370	3.74	613	11-71	36	1,459	.14	75	122
35-65-0266	7477695	1427381	11-69	2	305	19,485	3.91	761	29	16,315	3.87	632	4-73	40	1,023	.05	45	79
35-65-0266	7570031	1427381	10-69	2	305	21,065	3.77	793	33	16,050	3.86	619	3-73	40	1,204	.04	49	90
35-65-0266	7578571	1427381	12-69	2	305	20,625	3.55	732	37	16,555	3.84	635	2-73	40	1,120	.01	42	81
35-65-0266	7681641	1330987	2-70	1	305	20,580	4.14	853	29	15,410	3.65	563	7-72	36	673	.09	38	99
35-65-0297	7032882	1383004	10-66	4	301	19,718	3.79	748	19	15,668	3.59	562	2-72	44	480	.12	36	50
35-65-0308	6823703	1308101	6-67	3	305	16,067	3.61	580	10	13,693	3.79	519	5-72	42	808	-.03	24	53
35-65-0308	6892651	1308101	9-67	3	305	17,353	3.28	570	10	13,037	3.71	484	7-72	42	1,017	-.07	26	63
35-65-0388	7437605	1427381	11-69	1	305	17,090	3.98	680	15	14,030	3.71	520	6-72	36	929	.07	44	75
35-65-0388	7668055	1308101	3-70	1	305	17,190	3.66	629	17	13,690	3.73	511	8-72	36	860	-.03	27	58
35-65-0426	7023611	1383004	4-68	3	302	19,393	4.47	867	17	15,533	3.74	581	9-72	42	418	.23	47	56
35-65-0445	7560328	010288790	11-65	1	305	23,410	3.49	818	9	14,600	3.91	571	1-73	34	988	.04	41	75
35-65-0448	6671079	1308101	12-66	5	304	18,614	3.60	670	10	16,044	3.64	584	1-73	44	905	-.02	29	61
35-65-0448	7328799	1386859	3-69	2	305	21,000	3.56	747	12	15,705	3.54	556	10-72	40	791	.02	31	58
35-66-0014	7649371	1427381	10-68	3	305	18,020	3.64	656	9	15,163	3.81	577	2-73	42	986	.02	39	73
35-66-0014	7649372	1427381	11-68	2	305	22,185	3.57	791	9	15,135	3.76	569	10-72	40	1,398	.02	53	101
35-66-0017	6588868	1261857	4-66	5	305	16,714	3.88	649	9	14,052	3.72	523	8-72	44	628	.08	70	55
35-67-0002	7049321	1386406	12-67	3	301	20,216	3.72	752	26	16,146	3.65	589	4-72	42	696	.03	30	53
35-67-0004	7385193	1536161	7-69	2	305	25,890	3.88	1005	9	18,935	3.77	714	4-73	25	989	.04	42	75
35-67-0017	6480573	1457031	11-65	4	305	19,997	4.21	841	20	14,447	4.03	582	10-72	42	562	.10	36	53
35-67-0020	6378778	1386406	6-65	3	305	20,973	3.45	723	13	15,766	3.63	572	1-72	42	818	-.01	28	57
35-67-0020	7274192	1236789	4-68	2	305	20,645	3.59	741	14	16,290	3.66	597	12-72	40	773	-.01	27	54
35-67-0023	6877853	1478014	7-67	3	305	21,237	3.09	656	13	14,903	3.53	526	2-72	42	983	-.05	28	63
35-67-0038	6621597	1236789	4-66	4	305	20,932	3.79	794	10	18,245	3.91	714	11-72	43	703	.00	26	50
35-67-0042	7416159	1383004	7-69	1	305	23,620	3.46	817	16	15,260	3.85	587	3-72	36	580	.07	31	50
35-67-0043	7716665	1427381	9-70	1	305	17,080	3.69	631	17	11,710	3.64	426	1-73	36	1,067	.05	46	82
35-67-0048	6667700	1330987	11-66	3	297	19,726	3.43	677	11	13,596	3.66	497	1-72	42	932	.01	35	67
35-67-0052	6978610	1383004	9-67	2	305	20,325	3.35	681	15	13,750	3.53	486	6-72	40	600	.07	32	51
35-67-0054	6020843	1277493	11-63	5	305	21,744	3.76	817	18	16,000	3.65	584	2-73	44	853	.01	32	62
35-67-0069	6727490	1236789	10-66	3	305	21,793	3.63	792	19	16,663	3.91	652	2-72	42	930	-.02	30	63
35-67-0069	7066800	1357797	1-68	2	305	20,300	3.76	763	25	17,030	3.96	675	2-72	40	591	.08	39	53
35-67-0069	7335560	1515117	3-69	2	305	21,890	4.17	912	17	16,495	3.94	650	11-72	38	765	.01	34	63
35-67-0074	7605768	1458744	11-69	1	305	18,750	4.14	777	29	14,560	3.83	557	6-72	36	737	.03	31	56
35-67-0078	6531321	1417488	10-64	5	305	18,312	3.68	673	12	14,172	3.71	526	7-72	37	756	.00	27	53
35-67-0081	5285819	1347263	2-60	6	304	17,753	4.08	725	12	13,745	3.80	522	9-72	32	608	.07	32	52
35-67-0081	6568595	1244845	9-65	4	305	19,463	3.43	668	17	13,473	3.90	526	8-72	44	901	-.08	20	53
35-67-0086	7277668	1330987	1-69	2	305	19,970	4.04	807	18	16,330	3.74	611	11-72	40	663	.09	37	58
35-67-0087	7123241	1458744	4-68	3	299	21,453	3.29	706	15	17,030	3.69	629	5-72	42	950	-.07	24	59
35-67-0087	7162701	1357797	7-68	3	293	23,277	3.74	870	15	16,707	3.60	601	8-72	42	1,015	.11	54	87
35-67-0087	7162702	1357797	7-68	3	299	21,500	3.59	772	17	17,887	3.62	648	1-73	42	698	.08	38	60
35-67-0087	7385875	1357797	8-68	3	301	21,713	3.57	775	18	17,530	3.69	646	1-73	42	756	.08	39	63
35-67-0087	7385877	1399283	10-68	3	299	22,716	3.27	743	13	17,086	3.66	625	9-72	42	933	-.09	20	55
35-67-0091	7119272	1330987	5-68	3	305	20,343	3.41	693	23	15,413	3.66	564	1-73	42	835	.01	31	60
35-67-0091	7282250	1330987	3-69	2	305	19,540	3.47	679	21	15,185	3.73	567	11-72	40	713	.02	28	52
35-67-0133	7450676	1447414	5-69	1	305	21,680	3.54	767	15	15,780	3.66	577	1-73	36	1,064	-.04	32	70
35-67-0209	5460982	1306662	9-61	8	305	18,956	3.58	678	11	14,568	3.58	522	4-73	36	767	-.01	26	53
35-67-0209	6590479	1395846	7-66	2	305	21,095	3.74	789	12	15,755	3.50	552	5-72	32	810	-.01	28	56
35-67-0209	6914854	1458744	10-67	4	286	20,535	3.12	641	10	14,910	3.63	541	3-73	44	1,079	-.09	25	65
35-68-0002	7241408	1499939	9-68	3	305	21,250	3.77	802	16	14,740	3.82	563	11-72	37	1,011	.02	40	75
35-68-0013	7616752	1427381	12-69	2	290	18,845	3.96	747	17	17,005	3.92	667	3-73	40	902	.06	41	71
35-68-0029	7102102	1330987	10-67	2	305	18,470	3.64	673	22	13,455	3.74	503	11-71	40	745	.03	32	57
35-68-0030	5965633	1161029	9-63	4	305	19,093	4.43	845	27	15,455	3.80	588	11-72	44	482	.12	36	50
35-68-0030	7797881	1450228	11-70	1	305	20,640	3.91	808	35	15,430	3.90	601	2-73	36	905	-.01	31	64
35-68-0071	7241180	1458744	5-68	2	305	20,020	3.83	767	9	14,175	3.85	546	4-72	40	984	.00	36	70
35-68-0071	7241181	1458744	8-68	2	305	19,175	3.32	637	8	14,345	3.83	549	5-72	40	884	-.06	23	58
35-68-0071	7558143	1458744	5-69	1	305	20,420	3.37	689	9	13,110	3.71	486	7-72	36	947	-.04	28	62
35-68-0071	7901460	1458744	1-70	1	305	18,570	3.71	689	9	13,870	3.77	523	4-72	36	764	-.01	25	53
35-68-0075	6238345	1386406	1-65	5	305	19,512	4.08	796	13	15,298	3.82	584	5-72	44	747	.07	48	62
35-68-0075	6799452	1458744	12-66	5	304	18,872	3.48	657	19	15,594	3.85	601	2-73	44	820	-.05	22	52
35-68-0075	7432323	1458744	8-69	2	305	19,655	3.57	702	25	15,460	3.95	610	12-72	40	843	-.04	24	54
35-68-0075	7555691	1427381	12-69	1	305	18,420	3.83	705	20	14,410	4.03	581	9-72	36	1,006	.07	42	76
35-68-0078	6934652	1458744	9-67	3	305	20,036	3.54	710	22	15,216	3.84	585	2-73	42	954	-.03	21	60
35-68-0078	7133214	1513085	6-68	2	305	19,985	4.03	806	15	15,370	3.68	565	8-72	25	603	.07	32	51
35-68-0095	7072758	1492221	10-67	3	305	24,823	3.09	768	24	15,923	3.86	614	1-72	29	1,306	-.14	27	74
35-68-0095	7638595	1427381	7-70	1	305	19,510	4.32	842	25	16,780	3.93	660	9-72	36	946	.08	47	78
35-68-0097	7616268	1427381	12-69	2	302	18,460	4.31	796	18	16,945	3.95	669	3-73	40	868	.10	46	74
35-68-0097	7644690	1427381	11-69	2	305	20,315	3.82	776	21	17,305	3.92	679	3-73	40	1,027	.04	43	78
35-68-0147	7869304	010288790	2-66	1	305	23,360	4.36	1018	11	16,060	3.95	635	4-72	34	895	.13	53	81
35-68-0193	6537226	1454941	2-66	4	255	25,150	3.44	865	25	18,128	3.84	696	2-73	B 42	1,107	-.09	26	67
35-68-0193	6541666	1315578	12-65	4	305	19,815	4.26	845	22	17,745	3.71	658	5-72	44	476	.17	43	55
35-68-0193	6665819	1485550	10-66	4	305	24,900	3.23	804	16	18,478	3.79	701	6-72	43	1,191	-.15	19	64
35-68-0193	7075906	1427381	5-68	3	304	18,796	4.27	803	22	17,123	3.82	654	12-72	42	895	.11	49	77
35-68-0193	7480261	1450228	12-69	2	305	23,365	3.77	881	18	18,940	3.84	727	3-73	40	1,012	-.02	34	70
35-68-0193	7688949	1428104	8-70	1	230	23,620	3.26	769	21	17,850	3.90	696	10-72	B 36	944	-.13	14	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-68-0199	7754207	1458744	2-70	1	305	16,730	3.80	636	10	11,450	3.96	453	11-72		36	771	-.01	26	$ 53
35-68-0213	6660826	1276654	6-66	3	305	18,887	3.79	716	14	13,650	3.82	522	1-72		42	698	.01	26	50
35-68-0213	7019119	1428104	3-68	2	301	24,045	3.27	787	22	15,000	3.79	569	11-71		40	1,364	-.13	28	79
35-68-0213	7628650	1427381	1-70	1	305	15,040	3.76	565	21	12,170	3.97	483	6-72		36	888	.03	37	67
35-69-0027	7427520	1366229	7-69	1	305	23,930	3.31	791	21	15,500	3.82	592	3-72		36	712	.00	26	51
35-69-0029	6393988	1431993	10-65	4	305	22,110	3.49	772	22	15,668	3.66	574	1-72		37	861	-.06	22	53
35-69-0029	7147690	1366229	9-68	3	286	21,506	3.38	726	29	16,470	3.65	601	12-72		42	686	.01	26	50
35-69-0029	7405313	1493686	9-69	1	305	21,410	3.25	696	25	17,610	3.61	636	1-72		36	726	-.01	25	50
35-69-0029	7542891	1493686	2-70	1	305	20,300	3.82	776	28	15,370	3.62	557	9-72		36	777	.05	36	62
35-69-0029	7592788	1458744	5-70	1	305	20,670	3.39	701	28	15,350	3.64	559	9-72		36	832	-.03	25	55
35-69-0031	7561151	1427381	2-70	1	305	17,420	3.25	566	22	14,740	3.82	563	7-72		36	912	.00	33	65
35-69-0031	7815843	1427381	3-70	1	305	21,140	3.60	762	22	16,280	3.72	605	4-72		36	1,097	.04	45	82
35-69-0031	7815945	1427381	6-70	1	305	19,610	3.82	750	17	14,590	3.78	551	10-72		36	1,084	.05	47	83
35-69-0033	5976150	1199324	9-63	7	305	22,408	3.67	823	22	16,594	3.60	597	10-72		44	1,222	.01	45	87
35-69-0033	6064417	1199324	12-63	6	305	19,672	3.87	762	26	16,260	3.71	603	6-72		44	904	.02	36	67
35-69-0033	7422972	1533498	10-69	2	305	25,515	3.21	819	18	17,520	3.72	651	12-72		30	1,191	-.10	27	71
35-69-0039	6931908	1383926	7-67	3	305	20,406	4.17	851	10	16,213	3.79	615	5-72		42	694	.09	39	61
35-69-0039	7076161	1366229	6-68	3	305	21,706	3.76	816	7	16,403	3.87	634	2-73		42	716	.05	33	57
35-69-0039	7578227	1383926	10-69	1	305	24,120	3.41	822	7	17,020	3.74	637	4-72		36	757	-.01	26	53
35-69-0052	5738963	1403142	1-63	6	302	22,112	3.99	883	27	17,932	3.67	658	3-72		32	768	.08	40	65
35-69-0052	5861399	1280015	4-63	7	305	21,871	3.93	859	25	17,396	3.70	644	8-72		44	639	.12	41	60
35-69-0052	6165720	1386406	8-64	5	305	20,136	4.09	823	21	17,622	3.67	647	2-72		44	588	.09	35	53
35-69-0052	6426885	1386406	11-65	5	305	22,460	3.46	776	21	18,622	3.72	693	4-72		44	785	-.03	24	52
35-69-0052	7082074	1366229	12-67	3	305	21,150	3.98	841	21	17,220	3.84	661	1-73		42	577	.09	34	52
35-69-0070	7473273	1447414	10-69	1	305	17,500	3.69	645	9	15,340	3.65	560	4-73		36	778	-.03	24	52
35-69-0207	7392032	1458744	4-69	2	305	19,310	3.50	676	6	15,485	3.69	571	6-72		40	806	-.03	25	54
35-69-0207	7610019	1458744	3-70	1	305	20,890	3.99	833	7	16,520	3.60	595	7-72		36	779	.03	33	59
35-69-0215	6979022	1330987	12-67	2	305	17,215	3.94	678	11	12,755	3.87	494	7-72		40	674	.06	33	55
35-69-0220	7060637	1458744	1-68	2	305	24,020	3.85	924	21	17,395	3.78	658	3-72		40	1,129	.02	43	82
35-69-0220	7060639	1458744	3-68	3	298	20,330	3.54	719	7	16,083	3.77	606	9-72		42	908	-.03	28	60
35-69-0226	7712231	1408640	5-68	2	305	22,120	4.05	895	25	17,655	3.78	668	3-73		40	710	.06	34	57
35-69-0226	7422977	1489981	11-69	1	305	22,150	4.32	956	30	17,990	3.79	682	12-71		35	505	.16	42	56
35-69-0226	7509588	1427381	12-69	2	302	20,910	3.90	815	25	17,820	3.79	675	3-73		40	1,046	.06	47	82
35-69-0226	7686493	1306247	10-70	1	305	23,880	3.48	832	24	17,560	3.75	658	1-73		36	843	-.05	23	54
35-69-0299	[illegible]2[illegible]	1441883	12-64	4	305	21,983	3.65	803	26	17,108	3.68	629	11-72		30	817	.00	30	58
35-69-0299	7084562	1306247	4-68	3	305	22,320	3.59	802	22	17,807	3.53	628	6-72		42	891	-.01	30	61
35-69-0299	7526017	1427381	10-69	2	305	21,940	3.48	764	19	16,720	3.60	602	4-73		40	1,240	.02	48	91
35-69-0299	7526018	1427381	3-70	2	305	21,620	4.01	866	22	16,675	3.63	605	4-73		40	1,211	.09	58	98
35-69-0299	7533470	1427381	10-69	2	305	21,380	3.64	779	22	17,295	3.61	624	2-73		40	1,136	.05	48	86
35-69-0299	7533471	1427381	11-69	2	305	24,430	3.81	932	22	17,515	3.60	630	1-73		40	1,428	.07	63	111
35-69-0299	7738341	1427381	7-70	1	305	20,390	4.51	920	21	18,380	3.80	698	9-72		36	916	.12	51	80
35-69-0320	7759095	1427381	2-71	1	305	22,550	3.29	743	16	16,850	3.54	596	4-73		36	1,168	.01	44	84
35-69-0320	7189232	1365341	9-68	1	305	19,270	3.27	630	12	15,100	3.59	542	11-72		36	823	-.04	23	53
35-70-0006	6975277	1397209	10-67	4	298	19,210	3.41	656	43	14,722	3.50	516	3-73		44	800	-.03	24	53
35-70-0006	7180506	1427381	11-68	3	304	18,863	3.45	651	19	15,743	3.45	543	2-73		42	1,029	.03	42	77
35-70-0008	7062486	1482695	1-68	3	304	20,783	3.85	800	18	16,037	3.47	556	11-72		29	717	.07	36	59
35-71-0011	5696337	1370630	11-61	9	295	19,970	3.69	737	29	15,562	3.65	568	11-72		36	774	.01	29	56
35-71-0011	6738369	1386406	1-65	5	305	22,370	3.60	806	37	15,802	3.64	575	11-71		44	1,064	.01	40	77
35-71-0011	154411	1474049	11-67	4	298	20,320	3.88	789	35	15,578	3.87	603	3-73		35	880	.02	34	64
35-71-0011	7154419	1383926	11-67	3	305	20,236	3.53	715	40	15,376	3.83	589	6-72		42	751	-.01	26	52
35-71-0011	7273152	1383926	9-68	2	305	22,110	3.93	868	44	16,100	3.78	608	12-71		40	821	.05	38	65
35-71-0011	7400689	1518076	1-69	2	305	18,850	4.84	913	33	15,105	3.89	587	6-72		29	405	.20	44	53
35-71-0011	7552858	1474049	10-69	2	305	23,205	3.89	902	28	15,090	4.09	617	4-73		30	1,160	.00	41	82
35-71-0017	6300566	1383926	12-64	4	305	17,307	4.38	758	14	14,412	3.68	530	8-72		44	523	.13	38	53
35-71-0017	6866614	1383926	12-65	5	302	18,208	3.86	702	13	14,536	3.60	524	2-72		44	640	.07	33	54
35-71-0017	7434198	1427381	9-69	2	305	20,505	4.01	822	25	14,830	3.76	557	11-72		40	1,248	.08	57	99
35-71-0022	6495104	1375016	9-65	6	297	16,800	3.65	614	21	11,555	3.57	412	12-72		38	881	.00	31	62
35-71-0033	7273061	1397209	10-68	2	305	21,405	3.26	697	25	15,510	3.55	551	11-72		40	875	-.05	23	55
35-71-0033	7312229	1383926	1-69	2	305	20,840	3.58	747	16	15,500	3.59	556	3-73		40	741	.02	30	55
35-71-0047	7313698	1495823	5-69	2	305	21,050	3.52	742	9	15,970	3.52	562	10-72		29	772	.00	28	55
35-71-0050	7656218	1427381	10-68	2	305	17,935	3.39	608	18	14,565	3.45	502	6-72		40	1,008	.02	40	75
35-71-0050	8147161	1427381	8-70	1	305	17,310	3.37	584	5	12,830	3.86	495	11-72		36	1,017	.01	38	73
35-71-0057	50 8910	1289907	10-59	9	305	20,878	3.38	705	13	15,593	3.64	567	1-72		36	954	-.05	26	61
35-71-0057	7076461	1493686	1-68	3	305	20,010	3.53	706	9	16,593	3.65	606	3-73		42	801	.01	30	58
35-71-0057	7135177	1493686	7-68	3	305	19,420	4.19	814	14	17,240	3.65	629	12-72		42	673	.11	41	62
35-71-0057	7307715	1493686	10-68	3	305	21,123	3.81	804	15	17,496	3.63	635	12-72		42	845	.06	39	67
35-71-0071	7713323	1397209	12-67	3	305	21,333	3.34	712	6	16,223	3.56	578	6-72		42	874	-.05	24	56
35-71-0071	7293404	1366229	8-68	2	305	23,725	3.36	798	19	17,430	3.64	634	1-72		40	763	.01	29	55
35-71-0071	7313527	1366229	11-68	3	305	24,073	3.30	795	18	16,886	3.72	629	3-73		42	943	-.02	31	64
35-71-0071	7429090	1070036	11-66	3	305	18,937	3.90	738	10	14,507	3.92	568	6-72		42	714	.06	35	58
35-71-0122	7015846	1236789	1-68	1	305	20,790	4.08	848	15	16,520	3.62	598	10-72		35	665	.05	32	54
35-71-0125	7601991	1427381	1-70	1	305	17,630	3.36	592	9	12,610	3.61	455	8-72		36	1,054	.02	41	77
35-71-0129	7503992	1427381	1-70	1	305	18,410	3.19	588	10	14,790	3.63	537	5-72		36	982	.00	36	70
35-71-0129	7205234	1427381	1-71	1	305	16,580	3.49	578	16	13,710	3.63	498	2-73		36	911	.03	37	68
35-71-0130	7112643	1447414	7-70	1	305	19,990	3.26	651	12	14,130	3.68	520	9-72		36	1,036	-.07	27	65
35-71-0135	7130790	1457042	9-65	6	302	21,323	3.25	693	12	16,558	3.77	624	8-72		36	890	-.10	16	50
35-71-0139	7282727	1441755	12-67	2	305	20,715	3.82	792	5	15,180	3.48	528	1-72		30	732	.04	33	57
35-71-0157	7763002	1427381	5-70	1	305	18,790	4.17	783	21	14,750	3.97	585	3-72		36	1,013	.07	47	81
35-71-0157	7763003	1427381	7-70	1	305	18,870	3.40	641	12	11,610	3.70	429	10-72		36	1,206	.02	46	88
35-71-0165	6320345	1375016	2-67	2	299	20,570	3.62	745	17	14,500	3.82	554	2-73		32	923	-.03	28	61
35-71-0165	7628096	1530511	1-70	1	305	25,850	3.34	863	17	13,900	3.83	532	10-72		19	1,122	-.05	32	72
35-72-0008	7499272	1427381	1-70	1	305	20,980	4.18	876	30	15,860	3.95	627	9-72		36	1,110	.08	52	89
35-72-0024	6277709	1344345	1-65	5	305	19,384	3.76	728	18	14,718	3.78	556	7-72		44	794	-.04	23	52
35-72-0024	7433327	1366229	11-69	2	305	21,765	3.65	794	20	15,940	3.90	621	1-73		40	818	.00	29	58
35-72-0024	7712155	1365341	9-70	1	305	20,100	3.75	754	13	16,740	3.90	653	12-72		36	787	-.01	26	54

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT (%)	D	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
35-72-0032	7164701	1306247	7-68	2	305	19,120	3.46	662	11	14,375	3.70	532	12-72	40		785	-.05	21	$ 50
35-72-0040	7849453	1365341	12-70	1	305	20,330	3.34	679	9	16,210	3.54	574	2-73	36		835	-.03	25	55
35-72-0042	7378695	1397209	5-69	2	305	20,595	3.63	747	12	14,845	3.79	563	9-72	40		846	-.02	27	57
35-72-0042	7378696	1397209	5-69	2	305	20,880	3.52	734	12	14,845	3.79	563	9-72	40		875	-.04	26	57
35-72-0042	7455098	1397209	11-69	2	305	18,700	4.44	831	12	14,845	3.79	563	9-72	40		654	.08	35	56
35-72-0065	7639698	1427381	4-70	1	305	18,250	4.15	758	11	16,570	3.64	603	9-72	36		864	.09	45	73
35-72-0161	6210940	1386406	6-64	3	302	20,703	3.38	700	11	16,206	3.52	571	12-71	42		747	-.01	25	51
35-73-0001	6365877	1242221	7-65	4	305	16,070	3.44	553	31	13,338	3.70	493	5-72	42		900	-.03	28	60
35-73-0001	6683494	1465678	12-66	2	305	18,190	3.35	609	26	12,430	3.72	463	6-72	36		964	-.04	28	63
35-73-0001	7289902	1428104	11-68	1	305	17,760	3.63	644	22	11,270	3.68	415	2-72	36		900	-.07	21	54
35-73-0001	7398921	1428104	7-69	1	305	18,230	3.62	660	22	11,270	3.68	415	2-72	36		935	-.07	22	56
35-73-0050	7466812	1427381	12-69	1	305	20,780	3.84	797	12	16,260	4.03	736	12-72	36		952	.03	39	71
41-01-0005	7102942	1488315	3-68	3	305	21,553	3.78	814	21	14,403	3.58	516	12-72	32		909	.02	36	67
41-01-0005	7641692	1427381	3-70	1	305	17,770	3.91	694	27	15,710	3.63	570	9-72	36		880	.07	42	71
41-02-0008	6987395	1387978	11-67	3	305	22,053	3.86	852	13	15,903	4.13	657	5-72	42		1,118	-.01	38	77
41-02-0008	7238624	1418353	10-68	2	305	20,925	3.77	789	14	16,520	3.93	649	3-72	38		779	.00	28	55
41-02-0008	7276071	1397209	3-68	2	305	22,145	4.46	987	13	16,980	4.28	726	11-71	40		830	.05	38	66
41-02-0049	7174295	1459098	9-67	4	300	15,525	3.65	567	25	13,952	3.79	529	11-72	42		788	-.04	22	50
41-05-0048	6740570	1486190	11-66	5	301	17,876	3.59	642	40	12,970	3.49	453	10-72	36		715	.00	26	51
41-05-0048	7314611	1491115	10-68	3	302	18,260	3.26	596	11	12,343	3.56	440	2-73	32		873	-.05	24	56
41-05-0061	7518532	1450228	9-69	2	303	20,555	3.10	637	19	14,935	3.37	503	8-72	40		1,052	-.07	27	65
41-05-9098	6356683	1427251	8-65	4	305	19,137	3.68	704	21	14,372	3.57	513	8-72	38		716	.00	26	51
41-07-0012	7871021	1458744	1-71	1	305	20,380	3.99	814	27	14,730	3.77	555	12-72	36		848	.02	34	63
41-07-0030	6122038	1330987	10-63	7	304	17,167	4.18	717	8	14,425	3.77	544	12-72	44		590	.10	37	55
41-07-0036	6175681	1311429	10-64	4	302	19,922	3.65	728	11	14,865	3.67	546	2-72	44		969	-.05	27	62
41-07-0036	6542347	1311429	12-65	5	305	19,922	3.48	694	19	15,204	3.62	550	2-73	44		957	-.07	23	58
41-07-0067	7620471	1450228	2-70	2	305	18,290	4.06	742	14	15,970	3.89	622	2-73	40		738	.01	28	53
41-07-9005	7472697	1521141	10-69	2	305	20,665	3.29	679	15	16,345	3.49	570	2-73	32		908	-.06	23	56
41-07-9029	6436190	1406271	10-65	5	305	18,532	3.69	684	18	15,756	3.69	581	2-72	44		736	.04	32	57
41-07-9029	7815217	1450220	11-70	1	305	22,440	3.62	813	16	15,860	3.75	594	2-73	36		1,013	-.03	32	68
41-07-9096	7521146	1489693	7-69	2	305	23,445	3.30	773	6	17,605	3.53	622	11-72	29		866	-.05	23	54
41-07-9096	7864620	1530776	1-71	1	305	22,520	3.27	737	6	16,930	3.66	619	2-73	22		825	-.06	21	51
41-07-9096	7864621	1530776	3-70	1	305	25,170	3.52	886	7	18,400	3.59	661	12-72	22		960	-.02	31	65
41-07-9096	8057402	1530776	9-70	1	305	26,120	3.23	844	6	18,650	3.61	674	11-72	22		1,029	-.06	27	64
41-08-0079	7501139	1427381	11-69	2	305	17,185	3.79	651	18	15,455	3.73	576	2-73	40		860	.05	38	67
41-08-0115	6355850	1259069	1-65	6	305	21,525	3.68	792	9	16,222	3.54	575	3-73	44		846	.00	30	60
41-08-0115	7042196	1413165	3-68	3	305	21,487	3.11	669	15	15,233	3.81	580	8-72	42		1,040	-.17	10	51
41-08-0115	7308747	1427381	10-68	3	303	19,533	3.54	691	14	15,396	3.53	544	2-73	42		1,138	.03	46	85
41-08-0115	7308748	1427381	10-68	3	298	17,646	3.66	645	18	15,420	3.54	546	11-72	42		919	.05	41	72
41-08-0115	7805214	1427381	4-70	1	305	19,560	3.38	661	11	16,020	3.73	598	7-72	36		995	.01	38	72
41-08-0115	7805215	1427381	5-70	1	305	18,670	3.67	685	22	15,770	3.65	575	9-72	36		943	.05	41	73
41-08-0115	8178241	1427381	9-70	1	305	18,490	3.67	679	22	15,770	3.65	575	9-72	36		930	.04	40	71
41-08-0115	8229592	1427381	12-70	1	305	18,800	3.42	643	26	15,790	3.64	574	12-72	36		952	.02	38	71
41-08-9010	5754834	1306661	10-62	8	302	23,718	3.20	760	13	17,553	3.63	638	8-72	43		1,025	-.07	26	63
41-08-9010	6256781	1436146	10-64	5	301	23,130	3.62	838	20	17,668	3.69	652	7-72	37		977	-.03	31	66
41-08-9010	6761643	1463249	11-66	5	301	22,994	3.49	803	22	18,382	3.64	669	10-72	36		861	-.02	28	58
41-08-9010	6956829	1463249	10-67	4	298	22,065	3.68	811	23	18,235	3.66	668	11-72	35		715	.01	28	53
41-08-9010	6956834	1424330	12-67	4	305	25,595	3.28	839	32	18,237	3.68	671	12-72	44		938	-.08	22	57
41-08-9010	7140258	1463249	9-68	2	305	24,135	3.22	777	21	17,805	3.66	652	3-72	30		888	-.07	21	54
41-08-9010	7542002	1539894	10-69	2	299	24,110	3.48	840	35	18,715	3.68	688	10-72	25		786	-.03	24	52
41-09-0053	7364840	1417208	9-67	2	305	22,140	3.55	786	18	18,140	3.72	675	1-73	40		809	-.01	27	56
41-09-0053	7364841	1417208	9-67	4	300	21,085	3.77	794	23	18,258	3.70	676	10-72	44		751	.02	30	56
41-09-0106	7426803	1365341	12-67	1	305	17,890	3.23	578	14	13,340	3.53	471	11-71	36		825	-.04	23	53
41-09-0106	7426805	1365341	3-68	2	305	16,185	3.81	616	20	14,050	3.50	492	1-73	40		680	.02	27	50
41-09-0106	7426806	1365341	1-69	1	305	19,850	3.57	708	38	15,320	3.49	534	11-72	36		853	-.01	29	59
41-10-0035	6711726	1408300	9-66	5	299	18,306	3.99	730	21	15,160	3.70	561	10-72	35		563	.08	32	50
41-10-0035	7255318	1427381	11-68	2	301	18,815	3.75	706	35	15,755	3.73	588	8-72	40		1,001	.04	43	77
41-10-0035	7420786	1458744	9-69	2	299	20,415	3.86	787	35	16,360	3.73	610	11-72	40		847	.02	33	62
41-10-0035	7817463	1447414	8-70	1	305	20,620	3.15	650	43	16,720	3.83	641	9-72	36		929	-.09	20	55
41-10-0042	7548632	1447414	10-69	1	305	19,410	3.63	704	20	15,960	3.67	586	2-73	36		884	-.03	27	59
41-10-0042	7828521	1427381	8-70	1	305	19,570	3.80	743	36	16,960	3.67	622	10-72	36		940	.05	42	73
41-10-0042	7828524	1427381	11-70	1	305	21,350	3.60	768	28	16,500	3.62	597	1-73	36		1,100	.04	46	83
41-10-0065	7201166	1427381	11-68	1	305	21,110	3.60	760	12	13,980	3.73	521	8-71	36		1,232	.04	50	92
41-10-0065	7428169	1427381	7-69	2	302	17,785	4.29	763	15	14,060	3.74	526	9-72	40		1,034	.11	54	87
41-10-0082	6721503	1377954	10-66	5	300	18,888	3.95	747	21	15,546	3.91	608	12-72	44		775	.04	34	60
41-10-0082	6721508	1377954	11-66	4	303	18,820	4.04	761	20	15,628	3.90	610	9-72	44		743	.05	34	59
41-10-0082	6981016	1377954	5-67	4	303	18,765	3.78	709	23	15,738	3.91	615	11-72	44		726	.01	27	52
41-10-0082	7762635	1447414	9-70	1	305	18,790	3.80	714	25	16,600	3.87	643	10-72	36		799	-.03	24	53
41-10-0082	7762637	1447414	10-70	1	305	19,390	3.71	719	26	16,330	3.88	634	11-72	36		860	-.04	25	56
41-10-0082	7807208	1447414	8-70	1	305	18,710	3.95	739	26	16,330	3.88	634	11-72	36		810	-.01	27	56
41-10-0131	7526196	1513824	7-68	3	305	21,310	3.36	717	14	15,866	3.53	560	1-73	32		861	-.04	25	56
41-10-0179	6963388	1458744	11-66	3	305	20,743	3.56	738	16	14,013	3.90	546	4-72	42		1,146	-.04	35	76
41-10-0240	7481738	1458744	10-69	2	301	22,250	3.68	819	15	17,475	3.58	626	2-73	40		942	.01	35	68
41-10-0275	6701848	1473250	12-66	4	305	18,503	3.57	660	10	13,263	3.74	496	4-73	30		756	-.02	24	51
41-10-0300	7349737	1427381	10-68	3	301	18,396	4.02	740	22	13,773	3.62	499	12-72	42		1,157	.09	56	94
41-10-0300	7349738	1427381	12-68	3	305	16,263	3.98	648	30	12,326	3.71	457	9-72	42		1,045	.07	49	84
41-10-0324	7704274	1427381	1-69	2	305	18,895	3.64	688	13	14,595	3.61	527	2-72	40		1,103	.04	46	83
41-10-0339	6721502	1377954	10-66	5	302	19,698	3.70	728	8	16,448	3.57	588	1-73	44		787	.03	33	60
41-10-0345	7215720	1501969	8-68	3	305	21,166	3.69	780	10	15,983	3.84	613	1-73	32		804	-.01	27	55
41-10-0347	5644997	1244845	9-62	4	305	19,503	3.81	743	18	14,095	3.70	522	3-72	44		845	.00	30	60
41-10-0347	7215102	1427381	8-68	3	298	16,476	3.84	633	33	14,643	3.72	544	9-72	42		856	.06	40	68
41-10-0347	7620588	1427381	8-69	2	305	16,530	3.79	627	34	14,415	3.70	534	9-72	40		878	.05	39	68
41-10-0391	7284737	1399283	9-68	3	305	18,766	3.27	614	26	13,433	3.48	468	2-73	42		815	-.06	20	50
41-10-9062	6649048	1459098	6-66	3	274	15,983	3.63	580	18	14,023	3.74	524	11-71	B	41	836	-.03	25	55
41-10-9062	6701846	1459098	12-66	4	305	17,380	3.81	662	10	14,970	3.65	547	2-73		42	920	-.01	32	64

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
41-10-9062	6931465	1459098	9-67	3	305	17,526	3.85	674	16	14,363	3.64	523	2-73	41	987	.00	36	$ 70
41-10-9062	6931466	1459098	9-67	2	305	17,100	3.68	629	13	14,320	3.74	536	7-72	38	925	-.03	28	61
41-10-9062	7256171	1459098	12-68	2	305	21,780	3.20	698	14	15,275	3.59	549	2-72	38	1,334	-.09	34	83
41-10-9066	7298465	1427381	1-69	2	305	18,180	4.16	757	12	14,590	3.89	568	9-72	40	1,031	.08	50	84
41-10-9068	7520901	1493686	2-70	1	305	18,710	3.72	696	19	13,740	3.86	530	3-72	36	756	.02	31	57
41-11-9027	6760706	1474740	11-66	3	305	19,586	3.98	779	12	14,010	3.72	521	5-72	35	1,191	.01	44	85
41-11-9027	7505465	1427381	1-70	1	305	15,160	4.06	616	13	13,290	4.18	556	7-72	36	830	.05	37	65
41-14-0092	7468825	1521141	6-69	2	305	18,285	3.79	693	21	14,155	3.77	534	10-72	32	836	-.01	28	57
41-14-0092	7541664	1521141	10-69	2	305	18,960	3.67	696	21	14,380	3.78	543	12-72	32	893	-.03	28	60
41-14-0092	7541669	1521141	1-70	2	305	21,205	3.52	746	9	14,655	3.83	561	3-73	32	1,127	-.05	32	73
41-14-0092	7541672	1521141	2-70	2	305	19,540	3.73	728	9	14,655	3.83	561	3-73	32	934	-.02	30	63
41-17-0002	7155380	1383626	7-68	2	305	24,445	2.78	679	28	15,820	3.11	492	4-72	40	913	-.10	18	52
41-17-0002	7605764	1386406	5-70	1	305	21,660	3.11	673	19	14,480	3.27	473	9-72	36	746	-.02	24	50
41-17-0005	7578617	1422506	4-68	3	300	18,247	3.70	676	13	14,423	3.49	504	2-73	42	659	.03	28	50
41-17-0036	7429567	1510402	11-69	2	305	20,635	3.73	769	17	16,560	3.59	594	12-72	31	748	.00	27	53
41-17-0036	7642464	1450228	7-70	1	305	19,700	3.92	772	16	16,060	3.65	586	9-72	36	797	.01	30	58
41-17-0036	7642467	1447414	8-70	1	305	19,130	3.42	654	19	15,890	3.65	580	8-72	36	867	-.05	24	55
41-18-0046	6575914	1465301	4-66	1	305	18,470	5.11	944	20	12,880	3.94	508	10-72	19	498	.15	41	55
41-19-0047	6986414	1397985	12-67	3	305	16,870	4.57	771	41	14,270	4.00	571	9-72	34	453	.14	38	50
41-19-0047	7139685	1397209	8-68	2	305	20,770	3.90	810	30	14,775	3.80	561	5-72	40	870	.01	33	63
41-19-0047	7518549	1417208	12-69	1	305	21,450	3.54	759	57	14,110	4.06	573	11-72	36	891	-.03	28	60
41-19-0074	7024309	1365341	1-68	2	305	19,790	3.24	642	16	16,580	3.70	613	4-72	40	840	-.07	20	51
41-19-0074	7244639	1386406	8-68	2	305	20,955	3.80	797	21	16,630	3.70	615	4-72	40	680	.04	30	53
41-19-0077	6836785	1222994	2-67	4	303	21,053	3.68	775	30	15,735	3.71	583	12-72	44	934	.01	35	67
41-19-0077	7888365	1450228	9-70	1	305	19,170	4.17	799	11	17,440	3.79	661	4-73	36	676	.02	27	50
41-19-0206	7602724	1555641	6-70	2	305	21,245	3.37	715	42	16,515	3.58	592	1-73	28	793	-.04	22	51
41-19-0210	6893366	1417208	5-67	4	303	20,570	3.32	683	10	16,235	3.85	625	8-72	44	888	-.06	22	55
41-19-0210	7123487	1347940	9-67	3	298	20,566	3.72	765	8	17,300	3.91	676	4-72	42	889	-.01	30	61
41-19-0210	7181662	1273756	7-68	3	305	20,127	3.90	784	11	16,870	3.86	651	7-72	42	724	.05	33	57
41-19-0210	7424835	1447414	8-69	2	305	20,035	3.81	764	10	17,260	3.96	683	3-73	40	906	-.03	28	60
41-19-0210	7451509	1427381	7-69	2	305	22,365	3.68	822	25	17,840	3.70	660	12-72	40	1,192	.04	49	90
41-19-0210	7547023	1427381	12-69	1	305	21,360	3.78	808	7	17,320	4.16	720	12-71	36	1,051	.02	41	77
41-19-0250	7799768	1447414	8-70	1	305	18,960	3.69	699	9	16,010	3.92	627	9-72	36	847	-.04	24	55
41-19-0250	7799769	1447414	12-70	1	305	23,750	3.67	872	12	16,830	3.95	664	11-72	36	1,155	-.04	35	76
41-19-0256	7215832	1516239	12-68	3	305	21,390	3.50	748	18	13,216	3.67	485	1-73	34	1,360	-.02	45	93
41-19-9039	7232790	1427381	6-68	3	298	18,553	3.77	700	23	16,176	3.54	573	6-72	42	954	.07	45	77
41-19-9039	7232791	1427381	1-69	2	301	21,530	3.61	777	16	17,220	3.58	616	5-72	40	1,157	.04	48	87
41-19-9039	7232800	1489981	8-68	3	305	20,346	3.91	796	35	18,246	3.49	636	10-72	42	456	.15	39	51
41-19-9039	7232801	1489981	9-68	2	305	24,455	3.65	893	33	18,345	3.53	648	12-71	40	830	.10	45	71
41-19-9039	7387912	1427381	2-69	2	288	20,105	3.41	686	25	16,850	3.49	588	8-72	40	1,043	.02	41	77
41-19-9039	7387914	1427381	5-69	2	305	24,600	3.61	889	31	17,555	3.46	608	10-72	40	1,442	.05	60	109
41-19-9039	7387915	1427381	6-69	2	305	20,450	3.35	686	28	17,235	3.46	596	9-72	40	1,047	.01	40	76
41-19-9039	7649223	1427381	8-69	1	305	24,480	3.59	878	27	19,390	3.48	674	12-71	36	1,161	.05	49	88
41-19-9039	7649224	1427381	12-69	2	304	22,530	3.63	818	20	20,095	3.47	698	2-73	40	1,026	.06	46	80
41-19-9039	7754093	1427381	3-70	1	305	18,980	4.27	811	19	16,880	3.45	583	8-72	36	900	.11	50	79
41-19-9039	7754095	1427381	10-70	1	305	24,900	3.53	880	24	20,070	3.45	692	1-73	36	1,151	.04	48	87
41-19-9039	7955557	1427381	12-70	1	297	24,300	3.07	745	24	20,070	3.45	692	1-73	36	1,107	-.01	38	77
41-19-9059	6993067	1413165	7-67	4	305	20,750	3.13	649	14	14,775	3.62	535	3-73	44	1,041	-.16	13	53
41-19-9059	7942933	1450228	7-70	1	305	21,580	3.59	774	11	16,920	3.68	622	11-72	36	886	-.02	28	59
41-19-9064	5855592	1386406	4-63	5	304	19,370	4.51	874	28	14,914	3.70	552	1-72	44	769	.15	51	74
41-19-9064	5855593	1386406	4-63	4	305	19,542	4.39	858	24	14,497	3.68	533	12-72	44	809	.13	49	74
41-19-9064	6211154	1320094	2-64	5	302	24,500	4.04	989	27	14,482	3.76	544	2-72	36	1,506	.10	70	120
41-19-9064	6735272	1320094	6-65	4	305	21,660	3.90	845	21	15,328	3.77	578	3-73	35	941	.05	42	73
41-19-9064	6735275	1320094	8-65	4	305	19,618	4.18	820	17	15,795	3.83	605	3-73	35	595	.10	36	54
41-19-9077	7001447	1377954	10-67	3	298	22,313	3.22	718	32	15,757	3.66	576	5-72	42	1,112	-.06	31	71
41-19-9135	6788462	1206797	12-66	3	305	21,446	3.78	810	20	17,656	3.47	613	12-71	42	665	.05	31	53
41-19-9135	6996115	1283917	10-67	2	305	23,775	3.21	763	27	16,370	3.64	596	8-72	40	973	-.12	16	53
41-19-9135	7163649	1347940	2-68	3	305	19,910	3.69	734	33	17,400	3.62	630	11-72	42	805	.01	31	59
41-19-9135	7585967	1524956	1-70	1	305	22,600	3.65	826	34	17,260	3.73	644	9-72	34	851	-.03	26	56
41-19-9135	7722353	1524956	4-70	1	305	24,070	3.13	753	32	18,270	3.42	625	5-72	34	902	-.07	21	54
41-19-9135	7722355	1427615	12-69	2	304	22,895	3.11	711	36	18,390	3.44	632	3-73	40	973	-.14	13	50
41-19-9135	7722359	1283917	1-70	2	305	23,955	3.49	836	31	17,930	3.47	622	3-73	40	864	-.07	21	53
41-20-0005	7025257	1397209	1-68	3	305	20,936	3.77	789	34	16,240	3.53	573	12-72	42	827	.02	33	61
41-20-0006	6450356	1365341	11-65	5	301	21,242	3.07	652	38	16,620	3.45	574	3-72	44	1,090	-.08	26	66
41-20-0015	7333096	1477381	1-69	2	305	19,780	4.02	796	15	15,705	3.60	566	2-73	40	678	.08	37	59
41-20-0015	7558002	1397209	9-69	1	305	21,240	3.31	704	17	14,110	3.50	494	4-72	36	798	-.04	23	52
41-20-0018	6612416	1441665	8-65	4	305	18,283	3.90	713	7	13,448	3.49	470	6-72	35	624	.08	34	54
41-20-0031	6840956	1365341	5-67	3	305	17,483	3.84	671	12	15,793	3.39	535	7-72	42	680	.04	31	54
41-20-0113	6993450	1458744	1-68	1	305	23,530	3.13	737	14	16,490	3.82	630	2-73	36	978	-.08	23	59
41-20-0113	7614721	1427381	6-70	1	305	18,570	3.91	727	19	15,490	3.76	583	9-72	36	953	.06	43	75
41-20-0140	7164591	1365341	11-67	3	305	15,600	3.69	575	12	12,823	3.44	441	11-72	42	737	.01	28	53
41-20-0165	7700265	1365341	2-69	1	305	18,550	3.28	608	8	13,330	3.56	474	1-73	36	874	-.04	26	57
41-20-0176	7465179	1330987	7-69	1	305	21,750	3.77	820	9	15,870	3.57	567	9-72	36	732	.06	35	59
41-20-0226	7682399	1365341	9-69	1	295	19,080	3.86	737	26	15,740	3.64	573	11-72	36	770	.01	29	56
41-20-9010	7162223	1365341	10-66	3	305	18,860	3.76	709	32	15,496	3.85	596	12-71	B 42	866	-.01	29	60
41-20-9010	7814953	1366229	8-69	2	305	22,925	3.61	827	22	15,950	3.89	620	3-73	40	802	.03	33	60
41-21-0006	6253070	1423371	11-64	7	300	20,507	3.75	769	24	15,421	4.02	620	12-72	36	887	-.04	25	57
41-21-0006	7313721	1462966	10-68	3	305	20,487	3.95	809	24	15,207	4.10	623	11-72	34	786	.04	34	60
41-21-0006	7714245	1458744	8-70	1	305	19,940	4.06	810	23	14,900	4.11	613	9-72	36	805	.01	30	58
41-21-0017	6460765	1365341	11-65	6	300	18,376	3.55	652	21	14,246	3.72	530	12-72	44	965	-.03	30	64
41-21-0084	7550512	1427381	9-69	1	305	16,170	3.49	565	15	13,840	3.90	540	9-72	36	872	.02	34	64
41-21-0116	7806568	1458744	8-70	1	305	18,330	3.78	693	28	14,660	3.62	531	10-72	36	699	.01	26	50
41-21-0136	7593699	1427381	3-70	1	305	19,240	3.83	736	10	15,400	3.67	565	3-72	36	1,008	.06	45	79
41-21-0207	7040237	1484441	11-67	3	245	20,800	3.76	782	15	16,187	3.69	598	12-72	36	767	.02	30	56
41-21-9001	6997798	1377954	9-67	3	305	20,880	3.87	809	25	15,670	3.75	587	1-72	42	956	.04	41	73

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T D	C REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
41-21-9001	7576816	1427381	1-70	1	305	16,610	4.22	701	29	14,320	3.72	533	10-72		36	876	.08	44	$ 73
41-21-9001	7578396	1427381	2-70	1	305	17,270	3.73	645	37	14,440	3.76	543	11-72		36	918	.04	40	71
41-22-0120	7521380	1450228	10-69	2	305	18,850	3.45	651	14	13,390	3.83	513	3-73		40	1,004	-.05	28	64
41-22-9015	5992754	1390630	10-63	5	305	22,156	4.24	940	15	17,112	3.73	639	6-72		36	876	.14	53	80
41-22-9015	6802102	1474740	12-66	3	305	19,370	3.75	726	12	17,080	3.65	621	8-72		35	852	-.02	27	57
41-22-9015	6917632	1454431	9-67	3	305	22,010	3.90	859	22	18,457	3.78	697	11-72		34	628	.04	29	50
41-22-9015	7498553	1393997	8-69	2	305	26,245	4.18	1096	16	19,865	3.77	749	3-73		40	1,067	.09	52	87
41-23-0047	6360566	1314767	10-63	6	284	20,321	3.45	702	28	15,238	3.64	555	11-71		44	775	-.01	27	54
41-23-0047	6592250	1383004	9-65	5	301	19,946	3.67	733	29	15,622	3.69	576	11-72		44	538	.09	33	50
41-23-0051	6356235	1240638	5-65	5	302	22,206	3.68	818	12	15,998	3.69	590	1-72		44	852	.05	38	67
41-23-0081	6548789	1347065	8-65	5	305	19,926	3.67	732	19	14,450	3.85	557	5-72		44	766	-.03	23	50
41-23-0091	5975604	1386406	12-62	7	297	20,404	3.24	661	23	15,347	3.54	544	12-71		44	857	-.04	24	55
41-23-0091	7617904	1447414	10-69	1	305	20,370	3.39	691	13	16,180	3.65	590	5-72		36	942	-.05	26	60
41-23-0233	7302156	1451185	12-68	2	305	19,265	3.87	745	26	14,135	3.95	559	11-72		40	684	.02	28	51
41-23-0354	7559993	1365341	11-69	2	305	17,685	3.79	670	6	14,845	3.50	520	11-72		40	768	.02	30	56
41-23-0365	7252906	1365341	11-67	4	297	17,612	3.45	607	8	13,922	3.66	510	10-72		44	886	-.04	26	58
41-23-0372	6877788	1330987	10-66	2	295	18,345	3.88	712	8	15,000	3.74	561	1-73		40	606	.06	31	51
41-23-9114	7641974	1427381	7-70	1	279	17,650	3.18	561	17	15,370	3.49	536	9-72		36	891	.01	34	65
41-23-9296	7041142	1458744	12-67	3	305	19,216	3.47	667	10	15,576	3.49	543	7-72		42	827	-.01	28	57
41-23-9296	7314562	1506198	7-68	3	305	20,317	3.59	729	13	15,207	3.67	558	11-72		29	745	-.01	26	52
41-24-0165	6525513	1458744	3-66	2	305	21,150	3.41	721	27	15,120	3.47	524	2-73		40	1,022	-.02	33	69
41-24-0175	7453425	1365341	11-69	2	305	17,650	3.65	645	27	13,440	3.76	506	11-72		40	878	-.02	29	60
41-25-0035	7228285	1496601	9-68	2	305	19,060	3.74	712	15	15,155	3.63	550	2-72		34	663	.03	28	50
41-25-0057	6540336	1330987	1-66	5	305	17,246	4.16	717	12	14,754	3.65	539	10-72		44	566	.11	37	54
41-25-0061	6921262	1441525	1-66	5	305	21,420	4.11	801	21	16,058	3.72	597	12-72		36	824	.09	44	70
41-25-0061	7132704	1397209	7-68	3	305	21,166	3.95	836	34	16,286	3.75	610	12-72		42	849	.03	35	64
41-25-0072	7023265	1330987	1-68	3	301	18,190	3.52	641	18	13,910	3.70	514	5-72		42	726	.02	29	54
41-25-0128	7512207	1458744	12-69	2	305	19,630	3.88	761	22	17,270	3.79	654	12-72		40	693	.01	27	51
41-25-0128	7512208	1427381	10-69	2	304	18,900	3.82	722	23	17,100	3.77	644	10-72		40	900	.05	40	70
41-25-0128	7638362	1427381	2-70	1	305	19,720	3.90	769	5	16,120	3.68	593	7-72		36	1,001	.06	46	79
41-25-0148	6956649	1377954	8-67	3	305	19,817	3.32	658	13	15,387	3.80	585	3-73		42	859	-.04	24	55
41-25-0148	7058909	1261857	12-67	3	297	17,847	3.85	687	17	14,987	3.68	552	9-72		42	643	.08	35	56
41-25-0148	7619546	1261857	2-70	1	305	16,340	4.55	743	13	14,360	3.76	540	8-72		36	480	.12	36	50
41-25-0148	7837185	1450228	10-70	1	305	18,550	3.99	740	14	15,290	3.92	599	12-72		36	758	-.01	26	53
41-25-0159	5522008	1199324	3-61	9	305	16,871	3.88	655	10	14,356	3.62	520	2-72		44	739	.03	31	56
41-25-0267	6469545	1452590	12-65	6	300	24,157	3.29	794	12	17,713	3.81	674	2-73		32	1,120	-.10	24	66
41-25-0267	7430455	1387978	12-68	2	305	19,885	4.03	801	11	16,750	3.73	625	10-72		40	756	.04	33	58
41-25-0301	7268400	1365341	11-68	2	282	16,660	3.48	579	12	11,650	3.67	428	5-72		40	923	-.03	29	62
41-25-0308	7256626	1516239	2-69	2	305	18,855	3.54	667	18	14,380	3.74	538	12-72		31	854	-.02	27	57
41-25-0308	7488669	1516239	9-69	2	305	19,465	3.30	642	16	14,290	3.79	541	2-73		31	934	-.06	24	58
41-25-0313	6683575	1475072	10-66	5	303	21,490	3.58	769	19	17,110	3.80	651	2-73		32	773	-.03	23	51
41-25-0385	6714232	1365341	6-66	4	301	17,792	3.54	630	30	15,610	3.54	552	12-71		44	742	-.01	25	51
41-25-0392	6294415	1265694	12-64	5	305	22,432	3.56	799	16	14,884	3.88	577	11-72		44	1,275	-.09	31	78
41-25-0416	7896410	1427381	8-69	1	305	17,090	4.01	686	17	14,050	3.92	551	7-72		36	928	.06	42	73
41-25-0618	7609852	1427381	9-69	2	295	16,420	3.82	627	5	13,815	3.84	530	10-72		40	915	.05	40	71
41-25-9012	6375793	1347065	5-65	6	305	21,248	3.42	726	15	15,741	3.62	570	1-73		44	804	-.05	21	50
41-25-9012	6892926	1330987	5-67	4	295	19,020	3.64	693	10	15,590	3.53	550	8-72		44	692	.05	33	56
41-25-9012	7547298	1458744	12-69	1	305	18,310	3.69	676	8	13,360	3.52	470	6-72		36	775	.00	28	55
41-25-9142	7220891	1458744	12-68	2	305	20,360	3.18	648	6	15,090	3.73	563	6-72		40	944	-.07	23	58
41-25-9142	7630706	1450228	4-70	1	305	19,950	4.14	826	8	16,070	3.57	573	7-72		36	815	.03	34	62
41-25-9142	7683779	1365341	12-68	2	305	19,790	3.63	718	9	14,770	3.69	545	10-72		40	987	-.02	33	68
41-25-9359	6671827	1261857	7-66	5	305	16,444	3.99	656	14	14,356	3.60	517	3-73		44	557	.11	36	53
41-25-9359	6671828	1261857	7-66	5	305	17,760	4.14	736	18	14,206	3.66	520	10-72		44	742	.13	46	69
41-25-9359	7710345	1447414	6-70	1	305	17,680	3.50	619	25	15,000	3.73	559	7-72		36	812	-.05	22	51
41-26-0024	6665750	1458744	10-66	4	302	22,810	3.30	753	16	15,437	3.41	526	4-72		44	1,308	-.04	40	87
41-26-0024	7504757	1458744	10-69	2	305	20,685	3.30	683	36	16,050	3.40	545	10-72		40	899	-.03	28	60
41-27-0046	7009245	1459098	2-68	3	305	17,656	3.19	563	11	14,070	3.58	533	8-72		41	954	-.08	22	57
41-27-0046	7232743	1517287	11-68	3	301	19,560	3.88	758	20	16,016	3.55	568	10-72		39	887	.03	37	67
41-27-0046	7805191	1459098	1-71	1	305	22,080	3.43	758	16	16,490	3.70	610	12-72		34	1,144	-.05	33	74
41-27-0152	6581254	1302422	5-66	5	301	19,658	4.09	804	21	16,330	3.58	585	1-73		44	524	.13	38	53
41-27-0152	7573154	1399283	12-69	2	296	20,320	4.41	897	22	16,450	3.67	603	2-73		40	667	.08	36	57
41-27-0152	7573155	1450228	5-70	1	305	20,610	3.26	671	31	15,420	3.61	557	10-72		36	903	-.05	24	57
41-28-9095	7607810	1432733	12-69	2	305	23,585	3.40	802	13	17,175	3.54	608	3-73		40	1,002	-.03	31	67
41-30-0004	7217045	1397209	10-68	3	295	18,776	3.75	705	20	14,620	3.54	518	11-72		42	728	.01	28	53
41-30-0004	7425427	1415015	8-69	2	305	23,605	3.29	777	31	14,640	3.59	526	10-72		40	770	-.02	25	52
41-30-0017	6556852	1454691	3-66	4	305	20,010	3.34	669	21	15,100	3.43	518	3-72		30	761	-.03	23	50
41-30-0017	7053869	1422506	12-67	3	305	19,983	3.57	714	16	15,987	3.50	559	10-72		42	716	.01	28	53
41-30-0049	7196671	1330987	10-68	2	305	16,065	4.03	647	7	12,165	3.67	446	12-71		40	605	.08	34	53
41-30-0054	7722180	1365341	11-70	1	305	21,860	3.00	656	8	14,480	3.63	525	3-73		36	1,052	-.08	26	65
41-32-0005	7736174	1458744	10-70	1	305	20,750	3.68	763	9	15,930	3.71	591	1-73		36	804	-.01	28	56
41-33-0071	7404851	1417208	7-69	2	305	18,800	3.87	728	12	16,195	3.51	568	9-72		40	628	.05	30	51
41-33-0071	7555215	1427381	1-70	1	280	19,980	3.65	729	19	17,860	3.61	645	1-73		36	916	.05	40	71
41-33-0076	7754815	1427381	10-69	1	305	16,000	3.41	546	15	14,310	3.70	529	12-71		36	832	.02	33	61
41-33-0082	7151013	1261857	4-68	3	297	19,050	3.73	710	21	16,727	3.50	586	1-73		42	621	.08	35	55
41-33-0087	7752638	1404814	3-70	2	300	23,980	3.53	847	8	16,510	3.91	646	4-73		40	918	-.01	32	64
41-33-0143	6019293	1199324	12-63	6	292	17,977	3.70	665	11	13,945	3.69	514	3-73		44	924	.00	33	65
41-34-0122	6940667	1261857	10-67	4	299	19,970	3.85	768	27	18,090	3.50	634	11-72		44	616	.10	38	57
41-34-0128	6310963	1386406	3-65	5	297	17,876	3.71	663	24	14,264	3.43	489	9-72		44	643	.05	30	51
41-34-0145	7630309	1447414	3-70	1	305	19,650	3.66	720	13	15,920	3.47	553	9-72		36	904	-.02	30	62
41-34-0145	7651246	1447414	6-70	1	305	19,190	3.56	683	14	15,570	3.47	541	11-72		36	891	-.03	28	60
41-40-0005	6495665	1406271	9-65	5	304	17,318	4.00	692	16	15,778	3.66	577	5-72		44	577	.09	34	52
41-40-0005	6746481	1435833	9-66	4	296	20,355	3.82	777	18	15,807	3.67	580	11-72		36	740	.05	34	59
41-40-0005	7789658	1427381	8-70	1	305	16,440	4.09	672	8	14,810	3.78	560	6-72		36	835	.07	41	68
41-40-0005	7789659	1427381	10-70	1	305	21,480	3.25	699	16	15,660	3.63	568	11-72		36	1,159	.00	42	82
41-40-0043	6519430	1450611	4-66	4	305	22,245	3.20	711	20	15,698	3.78	594	2-72		30	1,028	-.11	20	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C D CALVD MO-YR	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
41-40-0043	7425358	1477701	1-69	2	305	19,925	4.13	823	9	14,755	3.92	579	3-73	29	643	.06	33	$ 54
41-40-0053	6537073	1377954	12-65	5	305	19,982	3.56	711	9	16,218	3.61	585	3-73	44	847	.00	31	60
41-40-9041	6850932	1459098	3-67	3	305	16,560	3.82	632	87	14,583	3.74	545	8-72	41	851	-.01	29	59
41-40-9041	6867651	1459098	2-67	4	298	17,125	3.27	560	79	14,300	3.62	517	3-73	42	955	-.07	23	58
41-40-9041	6963632	1468409	10-67	3	301	21,160	3.64	770	95	14,700	3.66	538	3-72	39	824	.01	31	59
41-40-9041	6963649	1459098	10-67	3	305	21,200	3.71	787	84	14,923	3.73	557	5-72	41	1,369	-.02	46	94
41-40-9041	7039835	1459098	11-67	2	305	16,685	3.45	575	98	15,115	3.64	550	3-72	38	815	-.05	21	51
41-40-9041	7598855	1399824	10-69	2	295	18,515	3.86	714	65	14,885	3.56	530	4-73	40	689	.05	33	56
41-40-9041	7843976	1557589	11-70	1	305	22,260	3.94	878	63	15,760	3.59	566	1-73	19	639	.05	31	52
41-40-9041	7843977	1517287	10-70	1	305	21,540	3.25	699	67	15,640	3.66	573	12-72	33	953	-.06	25	60
41-41-9008	7252118	1381770	12-68	2	305	21,805	3.19	696	19	16,075	3.51	564	7-72	39	942	-.08	21	56
41-41-9008	7341364	1347940	5-69	1	305	23,460	3.25	763	19	16,220	3.56	578	9-71	36	1,061	-.03	33	71
41-41-9008	7504865	1363393	11-69	2	305	21,025	3.69	776	15	17,260	3.42	591	4-73	40	722	.03	30	58
41-41-9008	7739277	1347940	10-70	1	305	20,120	3.65	735	27	17,570	3.50	615	12-72	36	732	.02	29	54
41-42-0027	6802440	1478545	11-66	5	300	23,014	3.24	746	28	16,422	3.33	547	11-72	36	1,040	-.03	32	69
41-42-0027	7886719	1498218	10-69	1	305	24,680	3.27	807	38	18,110	3.24	586	12-72	24	712	.01	27	52
41-42-0027	7892033	1498218	11-69	2	303	23,365	2.88	670	30	16,840	3.27	550	12-72	30	913	-.08	21	55
41-42-0027	7913583	1498218	10-69	2	305	24,680	2.86	705	31	17,160	3.25	558	1-73	30	1,016	-.08	24	61
41-44-0009	7577004	1427381	10-69	2	305	15,230	3.76	572	16	13,225	3.93	520	2-73	40	842	.03	35	64
41-45-0053	7901104	1427381	1-70	1	305	17,840	3.73	666	15	13,350	3.80	507	4-72	36	1,026	.04	43	78
41-45-0173	6676014	1383004	10-66	5	305	18,960	3.93	745	17	14,112	3.60	508	11-72	44	566	.14	42	58
41-45-0198	5940713	1354656	10-63	4	289	19,450	3.29	639	6	12,225	3.44	421	5-72	35	1,184	-.05	34	77
41-46-0003	7608110	1536320	1-70	2	305	20,485	3.45	706	13	14,100	3.61	509	1-73	28	866	-.04	25	56
41-46-0005	6464116	1450326	9-65	5	305	18,422	3.61	665	22	14,186	3.64	516	10-72	38	804	.00	29	57
41-46-0005	7759819	1413165	9-69	2	305	23,535	3.10	730	27	14,980	3.66	549	12-72	40	1,193	-.16	18	64
41-46-0021	6860446	1365341	4-67	3	305	20,873	3.54	738	17	16,116	3.47	559	10-71	42	1,040	-.01	36	72
41-46-0021	6993555	1365341	9-67	4	296	21,117	3.40	718	22	17,297	3.50	605	12-72	44	986	-.03	31	66
41-46-0028	6467433	1365341	10-65	4	305	19,005	3.73	708	22	15,160	3.54	537	1-72	44	936	.02	36	68
41-46-0171	7489710	1447414	12-69	2	305	19,990	3.32	663	18	15,145	3.49	529	12-72	40	1,073	-.05	30	69
41-46-0171	7728142	1450228	11-70	1	305	21,100	3.16	666	21	14,740	3.42	504	11-72	36	980	-.05	27	62
41-46-0198	6227776	1289574	11-64	7	299	21,281	3.36	715	21	14,391	3.58	515	1-73	44	889	-.04	25	57
41-46-0198	7551012	1347940	12-69	2	305	19,260	3.97	765	26	15,155	3.58	542	12-72	40	895	.05	40	70
41-46-0417	7321674	1222994	11-67	2	305	18,310	3.94	721	5	13,330	3.68	491	7-72	40	744	.04	33	58
41-46-9034	6454692	1451014	9-65	5	305	19,954	4.37	872	14	17,120	3.97	679	2-73	41	482	.15	40	53
41-46-9034	7014993	010281452	4-64	5	305	21,892	4.16	910	15	17,370	3.94	685	1-73	32	804	.08	41	67
41-46-9056	6404413	1419722	7-65	6	304	21,148	4.01	848	16	16,292	3.62	590	12-72	36	832	.09	44	71
41-46-9056	6430793	1419722	10-65	4	303	21,753	3.32	723	9	16,013	3.65	585	10-72	35	921	-.05	25	58
41-46-9090	4892222	1237441	9-58	10	305	17,667	4.13	730	11	13,436	3.61	485	9-72	36	668	.08	36	57
41-46-9172	6921111	1347940	8-67	3	305	18,480	3.27	604	12	15,706	3.52	553	6-72	42	796	-.04	23	52
41-46-9216	6685402	1413165	10-66	5	300	18,712	4.15	776	25	15,072	3.76	567	9-72	44	776	-.01	27	54
41-46-9364	5987731	1313355	11-63	4	305	20,158	3.92	791	16	14,743	3.76	555	4-72	39	814	.02	33	61
41-46-9364	7479728	1393997	11-69	2	305	20,380	3.38	689	10	16,120	3.65	589	1-73	40	774	-.03	23	51
41-47-0002	7489197	1320310	11-69	2	297	17,660	3.67	649	21	15,285	3.74	572	3-73	40	803	-.04	23	52
41-47-0026	7764648	1450228	12-70	1	305	20,570	3.92	806	14	14,400	3.75	540	12-72	36	961	.00	35	68
41-47-0056	6430826	1439249	9-65	5	305	21,464	3.58	769	9	17,068	3.70	631	4-73	32	775	-.01	26	53
41-47-0201	6854884	1506397	5-67	4	305	24,015	3.44	825	28	18,453	3.58	661	12-72	30	962	-.04	29	63
41-47-0201	7433871	1387978	11-68	2	206	20,525	4.00	820	19	17,565	3.54	621	10-72 B	40	754	.05	35	60
41-47-0285	7479429	1347940	10-69	2	305	16,330	3.65	596	23	13,350	3.71	495	11-72	40	744	.00	27	53
41-48-0031	5773654	1365341	1-63	8	302	17,848	3.45	615	21	14,306	3.64	521	9-72	44	891	-.04	26	58
41-48-0062	7067167	1365341	3-68	3	303	20,816	3.55	740	19	14,676	3.83	562	10-72	42	1,166	-.04	36	78
41-48-0140	7830588	1447414	2-71	1	305	20,920	3.31	692	14	16,470	3.67	605	3-73	36	966	-.06	25	60
41-48-0159	7198870	1365341	7-68	3	299	18,853	3.94	743	8	14,743	3.68	542	2-73	42	934	.03	38	70
41-48-9139	7708944	1365341	4-70	1	276	20,510	3.22	660	13	16,370	3.56	582	5-72	36	839	-.05	23	53
41-49-0020	6693892	1261857	1-67	3	305	19,490	3.74	728	17	15,047	3.83	577	1-72	42	826	.05	37	65
41-49-0020	7494476	1447414	12-69	1	303	19,010	3.77	716	15	15,650	4.01	628	6-72	36	872	-.04	25	56
41-49-0053	7641531	1447414	3-70	1	305	19,500	3.64	709	22	16,320	3.68	600	8-72	36	869	-.03	27	58
41-49-0058	7752527	1447414	9-70	1	305	18,930	3.30	624	18	14,790	3.60	532	9-72	36	918	-.06	24	57
41-49-0058	7752528	1447414	10-70	1	305	18,610	3.51	653	19	15,260	3.62	552	10-72	36	866	-.04	25	56
41-49-0068	6712838	1242221	9-65	5	301	21,974	3.65	801	30	18,108	3.55	642	9-72	43	1,183	.02	45	86
41-49-0068	7014649	1347940	10-67	3	305	22,106	3.77	834	27	17,736	3.56	631	12-72	42	1,026	.03	42	77
41-49-0068	7277802	1347940	9-68	2	304	21,105	3.22	680	24	17,380	3.59	624	12-72	40	902	-.05	25	58
41-49-0068	7277803	1347940	10-68	2	305	23,660	3.82	903	32	17,645	3.56	628	9-72	40	1,140	.04	47	86
41-49-0068	7277804	1347940	10-68	2	305	20,210	3.81	770	30	17,655	3.54	625	11-72	40	789	.04	34	61
41-49-0068	7277807	1347940	11-68	2	294	20,765	3.93	817	26	17,520	3.58	627	12-72	40	856	.05	39	68
41-49-0068	7625040	1242221	9-69	1	305	23,230	3.36	780	37	18,500	3.58	662	9-72	34	1,087	-.03	35	74
41-49-0075	6694150	1457087	10-66	4	305	24,548	3.47	851	20	18,488	3.65	674	4-72	30	1,039	-.03	32	69
41-49-0075	6972227	1453725	9-67	4	298	21,678	3.43	744	17	17,730	3.72	659	1-73	34	789	-.05	21	50
41-49-0081	7782444	1366229	9-70	1	305	23,600	3.39	799	45	14,180	3.62	513	10-72	36	766	.02	31	57
41-49-0081	7782455	1447414	8-70	1	305	18,070	3.59	648	43	14,110	3.64	514	9-72	36	894	-.03	27	59
41-49-0145	7428236	1397209	9-69	2	305	19,815	3.50	694	18	13,155	3.62	476	12-72	40	905	-.03	28	60
41-50-0036	7268366	1397209	9-68	3	305	22,496	3.70	833	12	15,430	3.79	585	1-73	42	1,081	-.01	37	75
41-50-0133	7259262	1365341	12-68	2	305	20,770	3.77	782	11	16,440	3.68	605	5-72	40	951	.01	35	68
41-50-0133	7470719	1397209	7-69	2	305	21,340	3.42	730	12	16,110	3.78	609	9-72	40	819	-.05	21	51
41-50-0133	7628299	1365341	6-70	1	305	20,950	3.06	641	14	15,960	3.62	577	10-72	36	896	-.07	22	55
41-50-0185	6663422	1347065	11-66	4	305	19,892	3.74	744	7	14,132	3.84	543	11-72	44	765	-.02	25	52
41-51-0004	7842881	1450228	8-70	1	305	21,080	3.08	649	30	14,280	3.91	558	8-72	36	1,006	-.09	22	59
41-51-0102	8042320	1447414	7-70	1	305	17,610	3.87	681	6	13,470	3.68	496	9-72	36	898	-.01	31	62
41-52-0004	7880332	1458744	9-70	1	305	19,200	3.79	728	18	15,630	3.61	565	12-72	36	706	.01	27	51
41-52-0019	7394450	1347940	4-69	2	302	18,545	3.70	686	24	15,885	3.56	566	7-72	40	763	.02	30	56
41-52-0019	7528612	1347940	11-69	1	305	21,940	3.88	851	27	15,690	3.76	590	12-71	36	979	.02	39	73
41-52-0019	7528615	1347940	1-70	1	305	21,360	3.81	814	16	15,700	3.76	590	3-72	36	936	.02	36	68
41-52-0019	7827133	1450228	2-71	1	305	23,740	3.42	811	6	15,630	3.61	565	4-73	36	1,124	-.04	34	74
41-52-0040	7851196	1458744	9-70	1	305	21,010	3.62	761	13	16,220	3.58	581	3-73	36	806	-.01	28	56
41-52-0064	6802581	1458744	2-66	4	305	20,877	3.45	720	10	16,335	3.21	525	9-72	44	981	.00	36	70
41-52-0064	7835194	1458744	2-70	1	305	21,170	3.73	789	18	16,000	3.59	574	1-72	36	831	.01	31	60

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
41-52-0080	7532787	1398216	7-69	2	305	20,610	3.31	683	34	15,320	3.78	579	12-72	40	886	-.09	18	$ 51
41-52-0101	6569549	1311429	3-66	4	305	22,100	3.58	792	13	16,472	3.61	595	1-73	44	1,079	-.06	30	69
41-52-0101	7479175	1311429	3-69	2	305	22,790	3.54	807	18	17,510	3.64	637	10-72	40	953	-.07	23	58
41-52-0151	7825831	1458744	7-70	1	305	19,940	3.65	728	22	15,530	3.47	539	12-72	36	767	.00	28	55
41-52-9083	7509790	1427381	9-69	2	305	22,655	3.39	769	14	16,165	3.83	619	12-72	40	1,357	-.01	47	95
41-52-9083	7688375	1427381	9-70	1	305	20,620	3.89	802	7	16,310	3.76	613	3-73	36	1,057	.06	47	82
41-54-0058	7298068	1330987	10-67	3	305	15,216	4.21	641	14	12,293	3.69	454	3-73	42	533	.10	35	51
41-55-0032	7006858	1458744	10-67	3	299	16,806	3.79	637	19	13,316	3.84	511	1-73	42	758	.00	27	53
41-55-0045	7190860	1483272	4-67	3	305	20,257	3.24	656	8	13,473	3.76	506	7-72	29	934	-.08	21	56
41-55-0168	7843165	1427381	1-70	1	292	18,770	3.26	611	13	16,970	3.45	586	2-73	36	879	.02	35	65
41-55-0394	6780297	1370538	4-66	5	304	18,538	3.31	614	17	13,342	3.73	497	8-72	38	812	-.03	24	53
41-55-0463	6796407	1330987	9-66	3	297	18,456	3.75	693	20	14,340	3.67	526	10-72	42	717	.05	34	58
41-55-9070	7886576	1427381	8-69	2	305	19,600	3.59	703	16	14,538	3.64	529	1-73	40	1,180	.04	48	88
41-55-9070	7886578	1427381	8-69	2	299	17,185	3.32	571	14	15,055	3.66	551	2-73	40	892	.00	32	63
41-55-9070	7886579	1427381	10-69	2	289	17,240	3.38	583	14	15,135	3.65	553	3-73	40	891	.01	34	65
41-55-9255	6116292	1210507	8-64	6	300	22,077	3.55	783	20	16,923	3.89	659	1-73	44	1,095	-.11	22	63
41-55-9319	7551155	1427381	9-69	1	305	18,470	3.41	630	22	15,630	3.75	586	8-72	36	937	.01	36	68
41-56-0073	7281365	1306406	2-68	3	305	21,590	3.07	662	12	14,460	3.64	527	10-72	42	1,010	-.07	25	62
41-56-0079	7045808	1311429	10-67	3	305	22,910	3.26	746	22	18,358	3.61	663	12-71	42	956	-.11	17	53
41-56-0079	7374854	1353976	1-69	3	305	23,056	3.30	762	17	18,996	3.57	678	1-73	42	775	-.03	24	52
41-56-0079	7940558	1363393	2-70	1	305	22,510	3.76	846	31	17,630	3.75	661	10-72	35	717	.00	26	51
41-56-0079	7940560	1427381	11-69	2	303	23,510	3.27	768	27	18,655	3.61	674	11-72	40	1,242	-.02	42	86
41-56-0146	7709827	1427381	6-70	1	305	17,100	3.51	601	10	12,010	3.78	454	8-72	36	1,051	.03	42	78
41-56-0153	6971699	1353976	9-67	3	305	19,426	4.01	779	10	14,700	3.65	537	4-72	42	753	.07	38	62
41-56-0335	7088764	1330987	10-67	3	305	17,623	4.06	716	29	14,876	3.76	559	12-72	42	572	.09	34	52
41-56-0335	7515242	1427381	11-69	1	305	19,710	4.69	925	27	14,270	3.78	540	11-71	36	1,110	.13	61	96
41-56-0335	7515243	1427381	2-70	1	305	17,640	3.76	663	23	14,610	3.81	557	4-72	36	936	.04	40	72
41-56-0342	6608012	1268297	10-65	5	302	24,232	3.25	787	12	16,610	3.55	590	10-72	44	1,221	-.01	42	85
41-56-0342	7543351	1427381	1-70	1	305	19,410	3.44	668	8	14,710	3.67	540	8-72	36	1,062	.02	42	78
41-56-0385	7248483	1427381	2-69	1	305	21,390	3.86	825	45	16,540	3.78	625	1-72	36	1,100	.05	48	85
41-56-0385	7445934	1458744	5-69	2	305	19,355	4.24	820	38	16,115	3.85	620	2-73	40	759	.06	36	61
41-56-0385	7448075	1514309	7-69	1	305	26,750	3.68	985	34	16,980	3.76	638	3-72	19	973	.00	36	69
41-56-0385	7576020	1427381	11-69	1	305	17,780	4.18	743	40	16,130	4.02	648	1-73	36	856	.07	41	69
41-56-0385	7900165	1458744	2-71	1	305	21,400	4.93	1055	33	15,820	3.98	629	2-73	36	859	.10	47	74
41-56-0385	7900170	1458744	1-71	1	305	20,720	3.90	808	33	15,820	3.98	629	2-73	36	808	.00	29	57
41-56-0515	7067700	1222994	2-68	1	305	20,580	4.06	835	11	15,670	3.92	615	1-72	36	663	.03	29	51
41-56-0515	7798295	1347940	8-70	1	305	18,900	4.03	761	24	16,840	3.98	671	9-72	36	684	.02	27	50
41-56-0553	7547483	1427381	2-70	1	305	16,840	3.37	568	12	12,890	3.63	468	2-72	36	979	.02	38	72
41-56-0590	6000480	1258673	10-63	4	305	22,265	3.68	819	17	15,223	3.67	558	11-72	44	697	.13	45	66
41-56-0590	6924841	1360676	3-67	3	305	24,603	3.75	923	28	16,800	3.70	621	10-72	41	1,289	.04	52	96
41-56-0590	7121752	1455316	12-66	3	282	21,577	3.95	853	25	17,173	3.74	643	11-72	29	701	.06	34	57
41-56-0590	7534646	1404788	8-69	2	305	23,170	3.64	843	12	16,120	3.73	601	4-73	40	695	.01	26	50
41-56-0590	7534649	1427381	7-69	1	305	22,670	3.45	783	11	16,560	3.74	620	1-72	36	1,194	.01	45	86
41-56-0590	7886748	1561938	2-70	1	305	23,700	3.69	875	18	16,550	3.72	615	8-72	24	709	.00	26	51
41-56-0607	7547328	1427381	12-69	1	305	17,810	3.45	614	13	13,730	3.50	480	11-72	36	1,001	.03	41	75
41-56-0607	7547329	1427381	12-69	1	305	19,400	4.26	827	13	13,730	3.50	480	11-72	36	1,119	.11	57	93
41-56-0654	6746868	1365341	11-66	4	261	18,807	3.17	597	8	13,282	3.61	479	5-72	44	1,097	-.07	28	68
41-56-0687	7759446	1450228	9-70	1	305	19,960	3.51	700	7	15,500	3.55	550	9-72	36	850	-.03	26	56
41-56-9550	6284579	1406271	1-65	6	303	17,785	3.69	657	15	16,093	3.32	534	3-73	44	605	.08	34	53
41-58-0089	6443953	1452607	9-65	4	305	18,843	3.75	707	21	14,785	3.42	506	11-72	40	869	.03	36	66
41-58-0122	7091405	1261857	5-68	3	296	17,517	3.61	632	15	14,237	3.58	510	5-72	42	674	.06	33	55
41-58-0130	7654496	1447414	3-70	1	305	18,220	3.46	631	18	14,870	3.75	557	11-72	36	860	-.05	23	54
41-58-0132	7232003	1261857	9-68	2	296	17,760	3.83	681	11	15,125	3.81	576	11-72	40	594	.06	31	50
41-58-0132	7532538	1261857	9-69	2	303	19,700	3.47	684	12	15,220	3.78	575	11-72	40	783	.02	31	58
41-58-0138	7443915	1427381	10-69	2	286	18,045	3.42	618	11	15,690	3.68	578	1-73	40	928	.01	35	67
41-58-9017	6900908	1261857	5-67	3	305	18,963	4.48	850	17	16,767	3.71	622	9-72	42	608	.16	47	64
41-58-9017	6959454	1261857	10-67	3	302	19,297	3.93	758	16	16,320	3.72	607	11-72	42	687	.09	38	60
41-59-0067	7513459	1493686	10-69	2	305	20,930	3.15	660	12	15,430	3.62	559	10-72	40	949	-.04	28	62
41-59-0108	7637843	1363393	1-70	1	305	22,750	3.11	708	8	15,020	3.40	510	8-72	35	893	-.05	25	57
41-60-0018	7763290	1427381	7-70	1	305	19,070	3.62	691	19	14,500	3.78	548	10-72	36	1,049	.03	43	79
41-60-0027	8116316	1458744	9-70	1	305	18,850	3.31	624	13	13,860	3.47	481	11-72	36	786	-.03	24	52
41-60-0027	8116317	1427381	9-70	1	305	18,530	3.68	682	6	13,690	3.77	516	3-73	36	1,057	.04	44	80
41-60-0027	8116319	1458744	8-70	1	305	19,240	3.03	583	14	13,960	3.51	490	10-72	36	809	-.06	20	50
41-60-9010	7153451	1433447	3-67	4	294	19,530	4.72	921	39	16,575	3.85	638	11-72	42	523	.18	46	60
41-60-9010	7153452	1289574	6-68	4	286	22,240	4.21	936	39	16,540	3.85	637	1-73 H	44	758	.08	40	64
41-60-9010	7342010	1357797	2-69	3	303	18,650	4.32	806	31	16,653	3.81	635	3-73	42	481	.17	43	56
41-60-9010	7563385	1393997	3-70	2	305	19,040	4.43	843	27	16,925	3.77	638	3-73	40	572	.09	35	53
41-60-9010	7764174	1365341	1-71	1	297	20,090	3.88	779	40	17,400	3.80	661	12-72	36	747	.00	27	53
41-60-9010	8158445	1365341	4-71	1	291	20,630	3.55	733	26	17,030	3.79	646	3-73	36	809	-.03	25	54
41-60-9049	7717970	1427381	6-70	1	305	19,290	3.89	750	9	13,270	3.85	511	2-73	36	1,139	.05	49	87
41-60-9049	7717971	1427381	10-70	1	305	19,740	3.51	692	10	13,130	3.82	501	1-73	36	1,180	.02	46	87
41-60-9049	7823105	1427381	11-70	1	305	18,590	3.82	711	8	13,970	3.82	533	3-73	36	1,045	.05	45	80
41-61-0066	7548067	1311429	12-69	1	305	24,820	3.46	859	25	16,400	3.54	580	11-72	36	1,035	-.07	26	64
41-64-0010	7174021	1291784	6-68	2	305	19,715	3.10	612	13	13,330	3.45	460	6-72	40	790	-.04	23	51
41-64-9018	7854039	1450228	11-70	1	305	21,160	3.21	680	14	16,240	3.66	594	11-72	36	895	-.07	22	55
41-66-0013	7402738	1330987	1-69	2	305	21,215	3.89	825	12	15,475	3.57	553	9-72	40	859	.08	44	72
41-66-0028	7259257	1365341	11-68	3	297	18,920	3.66	692	9	15,840	3.57	565	2-73	42	841	.00	30	59
41-66-0028	7507452	1365341	1-70	1	305	20,190	3.14	634	13	14,790	3.33	492	8-72	36	910	-.04	26	59
41-66-0031	6508996	1426683	11-65	4	305	20,285	3.37	684	10	13,935	3.62	505	6-72	35	892	-.03	27	59
41-66-0039	7055301	1418350	10-66	3	305	18,250	4.17	761	11	13,687	3.64	498	8-72	33	574	.11	38	55
41-66-0071	6998720	1450228	7-67	4	300	18,280	3.58	655	13	15,950	3.69	588	1-73	44	768	-.03	23	51
41-66-0071	6998721	1450228	8-67	3	305	17,966	3.54	636	10	15,693	3.58	562	6-72	42	745	-.02	23	50
41-66-0071	7836965	1504806	12-68	2	305	21,670	3.17	688	12	16,585	3.59	595	1-73	36	946	-.11	17	53
41-66-0081	6977136	1469937	2-68	2	305	20,075	3.26	654	12	13,095	3.61	473	12-71	31	1,033	-.06	28	65
41-66-0228	6992311	1484105	9-67	4	302	21,735	3.63	790	21	16,690	3.74	624	1-73	40	905	-.04	26	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
41-66-0228	7346572	1365229	5-69	2	305	19,720	4.04	797	29	15,180	3.67	557	8-72		40	539	.10	35	$ 51
41-66-0228	7682058	1397209	12-68	1	305	23,570	3.50	824	25	15,600	3.84	599	11-72		36	803	-.04	25	57
41-66-0240	7518303	1365341	1-70	1	305	23,560	3.34	786	9	19,030	3.64	692	1-72		36	908	-.04	26	59
41-66-0240	7518308	1397209	10-69	2	305	21,530	4.07	877	11	17,720	3.56	630	11-72		40	708	.06	35	58
41-66-0240	7518309	1397209	10-69	2	305	23,040	3.43	790	9	16,685	3.70	617	10-72		40	945	-.04	27	61
41-66-0240	7518310	1397209	11-69	2	305	25,325	3.09	783	10	17,880	3.61	645	1-73		40	1,080	-.09	24	64
41-66-0240	7809592	1365341	10-70	1	305	23,400	2.98	698	17	18,290	3.51	642	12-72		36	940	-.08	22	57
41-66-0240	7901745	1397209	10-70	1	305	23,880	3.27	780	9	15,720	3.51	552	9-72		36	899	-.05	25	57
41-66-9227	7001782	1450228	7-67	3	305	18,866	3.75	707	12	16,760	3.69	618	5-72		42	750	-.01	26	52
41-66-9227	7309850	1418353	1-69	2	305	20,885	4.10	857	18	16,670	3.71	618	9-72		38	762	.06	37	62
41-67-9103	7010652	1502330	12-67	4	305	24,613	3.28	808	15	17,583	3.62	636	12-72		35	1,127	-.09	26	68
41-67-9136	7280507	1427381	10-68	3	286	18,496	3.51	650	17	16,870	3.39	572	9-72		42	883	.05	39	69
41-67-9136	7280508	1427381	10-68	3	295	19,090	3.85	735	18	17,120	3.41	584	11-72		42	929	.09	48	78
41-67-9136	7394916	1427381	5-69	2	305	22,655	3.49	790	10	17,480	3.48	609	9-72		40	1,251	.03	50	93
41-67-9136	7554793	1427381	12-69	2	305	19,055	3.84	731	16	17,470	3.34	583	9-72		40	886	.09	46	75
41-67-9136	7554795	1427381	1-70	2	305	20,895	3.35	699	16	17,710	3.38	599	1-73		40	1,053	.03	42	78
41-67-9136	7739296	1450228	9-70	1	305	21,110	3.67	774	22	19,240	3.46	666	11-72		36	713	.00	25	50
41-68-0045	6292500	1333705	4-65	5	305	25,118	2.76	694	16	17,118	3.38	579	2-73		44	996	-.09	22	59
41-68-0048	6641592	1261857	11-66	4	294	20,210	3.51	710	11	16,928	3.63	614	6-72		44	761	.03	32	58
41-70-0036	6711190	1261857	11-66	4	305	19,763	3.83	756	17	15,560	3.65	568	11-72		44	841	.08	43	70
41-70-0076	6483695	1311429	11-65	4	305	20,140	3.32	669	22	15,015	3.55	533	12-72		44	981	-.09	21	57
41-70-0161	7272852	1427381	12-68	2	305	16,190	3.90	645	44	14,310	3.71	531	10-72		40	852	.07	42	70
41-70-0167	7162033	1506042	9-68	3	305	20,013	3.57	715	11	14,370	3.79	545	3-73		32	885	-.02	28	59
41-70-0202	6789108	1291784	4-67	2	305	19,805	3.90	772	13	14,615	3.46	505	6-72		40	695	.07	36	58
41-70-0204	7513200	1427381	3-70	1	305	19,750	3.17	627	7	15,180	3.55	539	9-72		36	1,059	.01	39	76
41-70-9026	6556807	1377315	8-65	6	305	20,880	3.74	780	20	15,195	3.82	580	11-72		42	900	-.02	30	62
41-70-9026	7884209	1365341	12-70	1	305	18,230	4.03	735	11	15,860	3.71	589	3-73		36	700	.02	28	52
41-70-9031	6172464	1291784	12-63	7	300	19,101	3.83	731	21	15,509	3.70	574	7-72		44	648	.05	30	51
41-71-0002	6587959	1333706	3-66	4	304	26,065	3.52	917	15	18,120	3.46	627	6-72		42	1,358	-.04	43	91
41-71-0039	7405171	1365341	8-69	2	305	27,680	3.09	855	18	20,590	3.66	753	2-73		40	1,316	-.11	30	79
41-71-0046	7379437	1365341	2-68	3	305	22,613	3.50	791	10	15,060	3.72	560	10-72		42	1,337	-.04	42	90
41-71-0046	7379438	1365341	3-68	3	302	22,000	3.61	794	9	15,416	3.68	567	11-72		42	1,234	-.01	42	89
41-72-0002	6820826	1478733	5-67	2	305	21,090	3.12	657	43	14,840	3.56	529	3-72		36	911	-.08	20	54
41-72-0002	7396405	1517268	7-69	1	305	17,860	3.85	687	45	14,200	3.43	487	8-72		29	605	.07	32	51
41-72-0002	7530893	1447414	12-69	1	305	17,670	3.29	581	36	14,480	3.43	497	6-72		36	842	-.05	23	54
41-72-0002	7803754	1450228	9-70	1	305	20,560	3.34	686	35	14,760	3.40	502	2-73		36	939	-.04	28	62
41-72-0015	7288041	1413165	9-67	2	305	23,245	3.79	880	18	17,670	3.76	665	12-72		40	945	-.06	24	59
41-72-0015	7592829	1530492	6-69	2	305	21,120	3.96	836	17	17,470	3.74	654	2-73		30	625	.06	31	51
41-72-0029	7339219	1458744	9-68	2	305	21,530	2.70	581	21	15,335	3.51	538	5-72		40	1,043	-.12	18	57
41-72-0029	7491533	1427391	7-69	2	305	20,235	3.22	651	26	16,560	3.59	594	3-73		40	1,080	-.01	37	75
41-72-0029	7857883	1458744	12-70	1	305	20,310	4.09	830	17	16,530	3.82	631	4-73		36	735	.02	30	55
41-72-0041	7323929	1283917	3-69	2	305	20,055	3.98	798	12	14,135	3.71	525	7-72		40	777	-.02	25	53
41-72-0108	7115331	1365393	7-68	3	301	22,253	3.41	759	35	17,663	3.51	620	10-72		42	881	-.03	27	58
41-72-0108	7705446	1450228	11-70	1	305	22,030	3.44	758	29	17,870	3.51	628	1-73		36	863	-.03	26	57
41-72-0124	7356176	1427381	10-69	1	305	19,470	3.33	648	16	14,900	3.77	561	4-72		36	1,055	.01	39	76
41-72-0144	6965418	1261857	8-67	4	293	21,795	3.66	798	13	16,835	3.62	609	9-72		44	966	.06	44	76
41-72-0180	6810286	1311429	8-66	3	305	19,576	3.70	724	15	14,476	3.65	528	2-72		42	929	-.04	27	60
41-72-9042	6238187	1423320	9-64	6	302	21,558	3.71	800	10	15,917	3.75	597	10-72		43	836	.06	39	67
41-72-9042	6465528	1423320	10-65	5	295	21,726	3.91	850	6	15,840	3.79	601	2-72		43	866	.09	45	73
41-72-9078	6667374	1289574	11-65	4	305	18,908	4.43	838	13	14,693	3.57	525	2-72		44	829	.13	39	54
41-72-9198	7201167	1427381	12-68	2	305	20,265	3.93	796	15	16,540	3.68	608	2-73		40	1,084	.08	51	87
41-72-9198	7565126	1495135	2-69	2	305	25,630	3.75	960	12	18,190	3.58	652	2-73		37	1,131	.07	52	90
41-72-9198	7580599	1458744	7-68	2	305	21,850	3.29	719	11	16,750	3.77	631	12-72		40	961	-.07	24	59
41-73-0045	5928471	1411784	8-63	8	305	21,726	3.49	759	27	17,453	3.70	645	3-73		32	767	-.04	22	50
41-73-0045	7100414	1366229	4-68	3	305	23,546	4.20	990	18	16,820	3.81	641	4-73		42	889	.14	53	81
41-73-0045	7425217	1353976	1-69	2	305	22,835	3.70	846	26	17,090	3.78	646	3-73		40	848	.02	34	63
41-73-0045	7538838	1427381	1-70	2	305	24,500	3.44	842	25	16,915	3.77	638	2-73		40	1,484	.00	53	105
41-73-0045	7736201	1427381	7-70	1	305	18,870	4.55	859	20	16,880	3.79	640	3-73		36	892	.12	50	78
41-73-0045	7927764	1458744	2-71	1	305	22,160	3.30	732	22	17,190	3.86	663	3-73		36	834	-.06	21	52
41-73-0045	7973884	1427381	12-70	1	305	18,960	4.06	769	16	17,030	3.78	643	4-73		36	890	.07	43	72
41-73-0055	5933219	1395826	9-63	6	305	21,152	3.35	709	15	15,538	3.71	577	3-72		39	995	-.09	22	59
41-73-0122	6689115	1377954	9-66	1	305	22,540	3.51	792	21	16,590	3.83	636	10-72		36	838	-.01	29	58
41-73-0122	6770458	1261857	12-66	4	305	21,055	3.52	742	20	17,978	3.84	691	3-73		44	761	.01	29	55
41-73-0419	7527660	1347940	11-69	2	305	21,995	3.00	659	21	15,385	3.62	557	12-72		40	1,154	-.09	28	70
41-73-0657	6736826	1291784	10-66	1	287	22,280	4.61	1028	36	19,100	3.52	673	12-72		36	482	.14	39	52
41-73-0657	7369467	1427381	2-69	2	305	18,855	3.71	700	14	15,610	3.73	583	7-72		40	1,017	.04	43	77
41-73-0657	7491234	1427381	10-69	1	305	18,480	4.45	823	21	16,810	3.68	618	10-71		36	867	.12	49	76
41-73-0657	7571310	1427381	11-69	2	305	22,380	3.52	788	15	18,605	3.71	690	4-73		40	1,131	.01	43	82
41-73-0657	7660695	1330987	12-69	2	305	22,365	3.93	880	16	18,330	3.73	683	2-73		40	744	.08	39	63
41-73-0677	7638448	1397209	6-69	2	305	22,710	3.66	831	13	17,865	3.44	614	6-72		40	816	.01	31	59
41-73-0702	7967277	1450228	12-69	1	305	18,040	3.63	655	21	14,670	3.38	496	2-72		36	757	-.01	26	53
41-73-0759	6928314	1479701	7-67	3	305	23,597	3.20	754	17	14,207	3.58	508	5-72		32	1,264	-.07	34	80
41-73-0786	7003741	1365341	10-67	1	305	19,490	3.78	736	23	15,870	3.26	518	1-72		36	793	.02	32	59
41-73-9045	6289411	1283917	1-65	6	305	21,813	3.37	735	20	15,833	3.86	611	7-72		44	976	-.12	16	53
41-73-9345	6956864	1478546	8-67	3	305	21,647	3.92	849	25	17,653	3.73	659	3-72		29	656	.05	31	53
41-73-9055	6346184	1303180	3-65	6	305	21,258	3.36	715	62	16,002	3.84	615	3-73		36	915	-.07	22	56
41-73-9055	7525764	1427381	11-69	2	305	21,220	4.20	891	18	17,280	3.67	635	1-73		40	1,121	.11	58	94
41-73-9224	5731742	1394342	9-62	7	301	23,250	3.33	775	15	16,167	3.69	597	6-72		32	1,172	-.07	31	74
41-73-9224	7106911	1484441	3-68	3	304	21,617	3.43	741	22	16,773	3.62	607	10-72		36	812	-.03	24	53
41-73-9224	7527658	1347940	10-69	2	305	22,330	3.80	849	20	16,010	3.59	574	1-73		40	1,137	.03	46	85
41-73-9327	7278156	1386406	7-68	3	305	21,463	3.33	715	29	16,000	3.75	600	4-73		42	853	-.04	24	55
41-73-9327	7527054	1427381	12-69	2	305	19,215	3.98	765	41	16,460	3.82	629	11-72		40	984	.07	46	79
41-73-9336	6957405	1474740	11-67	3	302	21,073	3.18	671	15	15,440	3.61	557	1-72		35	1,235	-.12	26	72
41-73-9336	7414043	1347940	11-69	2	301	18,270	3.40	622	18	14,995	3.58	537	2-73		40	808	-.02	26	55
41-74-0065	7547869	1427381	12-69	1	305	17,480	3.59	627	17	14,190	3.55	504	12-72		36	949	.04	41	73

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HEROMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
41-74-0112	7026323	1370173	2-68	3	292	20,657	3.63	750	12	15,230	3.87	589	2-73		42	750	-.01	25	$ 51
41-74-9031	7091358	1498619	2-68	2	305	19,500	3.53	688	22	13,220	3.52	466	1-72		29	859	-.01	29	59
41-74-9051	6035686	1365341	9-63	7	302	18,575	3.36	625	32	14,905	3.62	540	12-72		44	923	-.05	26	59
41-74-9051	6710163	1381970	8-66	4	305	21,765	3.48	757	26	15,040	3.68	553	2-73		35	983	-.03	31	66
41-74-9051	6726009	1450744	1-67	4	305	17,302	3.84	664	31	14,800	3.64	539	11-72		44	691	.02	28	52
41-74-9051	7325609	1413165	9-68	2	298	22,010	3.19	703	36	14,485	3.75	543	11-72		40	1,078	-.15	15	56
41-74-9051	7325610	1413165	11-68	2	305	21,890	3.19	698	32	15,030	3.67	552	10-72		40	1,022	-.15	14	53
41-74-9051	7817412	1268294	11-70	1	305	24,880	2.93	728	17	14,740	3.79	558	3-73		36	936	-.12	15	51
41-74-9069	7658413	1430145	8-70	1	305	21,600	3.24	700	35	14,750	3.44	507	9-72		35	754	-.02	24	51
41-74-9099	7521339	1365341	6-69	1	305	20,950	3.44	720	13	18,060	3.40	614	10-71		36	771	-.01	26	53
41-74-9143	6225388	1435825	12-64	6	299	23,337	3.62	844	9	17,152	3.59	616	10-72		34	1,179	.00	43	84
41-74-9143	6922529	1261857	9-67	3	305	29,067	3.69	1072	12	17,930	3.71	665	10-72		42	1,663	.06	69	125
41-74-9143	7265657	1399283	12-68	2	305	24,830	3.63	902	9	18,590	3.78	702	4-72		40	951	-.04	28	62
41-75-9002	7011062	1377052	12-67	3	298	22,493	3.49	786	23	14,820	3.70	548	6-72		42	1,014	-.02	34	70
41-75-9002	7011064	1386406	11-67	3	305	19,546	3.64	711	27	14,626	3.77	552	5-72		42	759	.00	28	54
41-76-0064	7665120	1450228	4-70	1	305	20,570	3.52	724	16	14,320	3.76	539	9-72		36	966	-.04	29	64
41-77-0046	7076981	1377954	12-67	3	299	16,407	4.04	663	14	14,007	3.52	493	1-73		42	594	.08	33	52
41-77-0050	7055064	1386406	3-68	3	305	20,640	4.10	847	11	16,396	3.90	640	1-73		42	722	.07	36	60
41-77-0050	7469565	1347940	10-69	2	304	19,580	3.62	708	18	16,365	3.98	652	11-72		40	829	-.02	26	55
41-77-0051	6760705	1474740	10-66	3	305	22,406	3.25	728	14	15,466	3.68	569	12-71		35	1,406	-.11	33	85
41-77-0051	7628368	1427381	1-70	1	305	21,520	4.11	884	21	14,670	3.65	535	10-72		36	1,221	.09	58	98
41-77-0051	7856885	1458744	11-70	1	305	22,910	3.80	870	16	17,790	4.10	729	3-73		36	854	-.02	27	57
41-77-0085	7709784	1447414	10-70	1	305	22,860	3.29	751	12	17,870	3.30	579	1-73		36	1,045	-.04	31	68
41-77-0126	7067696	1491000	12-67	3	305	22,026	3.23	711	20	16,690	3.55	592	10-72		38	1,134	-.06	31	72
41-77-0128	7298001	1381770	9-68	3	305	17,393	3.90	678	23	13,790	3.70	510	9-72		41	708	.00	26	51
41-77-0128	7298002	1381770	9-68	2	305	19,165	3.12	598	20	13,325	3.70	493	7-72		39	896	-.10	17	51
41-77-0128	7643676	1458744	4-70	1	305	23,670	3.22	761	27	14,240	3.71	529	9-72		36	1,122	-.06	31	72
41-77-0128	7643681	1427381	3-70	1	305	19,440	3.99	775	20	15,810	3.65	577	10-72		36	998	.07	47	80
41-77-0138	7605723	1427381	12-69	1	305	17,060	4.05	691	17	14,970	3.75	561	2-73		36	871	.07	42	71
41-77-0142	7190036	1500259	11-68	2	305	21,820	3.25	709	9	15,490	3.46	536	8-72		25	823	-.04	23	53
41-77-0145	6387053	1429213	9-65	2	305	20,700	4.07	843	19	17,200	3.31	570	2-72		30	535	.16	43	58
41-79-0018	6943356	1365341	10-67	3	303	17,020	3.80	646	17	14,796	3.74	553	8-72		42	719	.00	26	51
41-79-0018	6943357	1365341	11-67	3	299	17,553	3.74	656	19	15,233	3.75	571	11-72		42	740	.00	26	52
41-79-0018	6943358	1365341	12-67	3	305	18,446	3.65	674	15	14,873	3.74	556	8-72		42	876	-.02	29	60
41-79-0018	7236900	1365341	10-68	2	305	20,145	3.88	782	17	15,845	3.78	599	12-72		40	936	.01	35	67
41-79-0018	7236901	1365341	12-68	2	304	20,210	4.06	821	18	16,335	3.75	613	10-72		40	903	.04	38	69
41-79-0237	7286208	1458744	9-68	3	297	16,060	4.36	701	18	12,536	3.91	490	12-72		42	744	.06	36	60
41-79-9141	6468423	1347065	10-65	4	305	20,007	3.89	778	18	15,052	3.65	549	4-72		44	688	.02	28	51
41-79-9336	7135167	1397209	8-68	2	305	21,570	3.32	716	14	16,530	3.68	608	3-72		40	809	-.06	20	50
41-79-9336	7355183	1330987	2-69	2	298	22,185	3.02	670	19	16,425	3.67	603	11-72		40	881	-.05	24	56
41-81-0013	7732312	1450228	10-70	1	305	17,180	3.53	607	21	13,510	3.66	494	11-72		36	762	-.03	23	50
41-81-0013	7732313	1450228	11-70	1	305	18,720	3.69	691	22	13,780	3.64	502	12-72		36	860	-.01	29	59
41-81-0013	7732317	1450228	12-70	1	305	20,720	3.48	721	16	14,080	3.64	513	1-73		36	991	-.04	30	65
41-81-0013	7732318	1447414	9-70	1	305	16,850	3.53	595	23	14,000	3.66	512	10-72		36	810	-.04	23	52
41-81-9084	7618860	1320310	2-70	2	305	21,645	3.34	724	8	18,910	3.28	620	4-73		40	913	-.04	27	60
41-81-9084	7618861	1320310	2-70	2	305	23,445	3.28	770	10	18,570	3.41	633	2-73		40	1,123	-.07	30	71
41-81-9084	7618862	1320310	2-70	1	305	24,670	2.97	733	9	17,260	3.54	611	2-72		36	1,175	-.10	26	70
41-81-9084	7702333	1365341	10-70	1	305	22,190	3.32	737	10	18,880	3.47	655	11-72		36	815	-.03	24	53
41-81-9084	7818636	1406271	2-71	1	305	25,380	2.86	726	12	19,920	3.32	662	2-73		36	884	-.03	27	59
41-82-0100	7641159	1365341	8-69	1	305	18,620	3.56	663	10	12,900	3.79	489	10-72		36	905	-.02	29	61
41-82-0105	7012308	1365341	10-67	4	304	18,397	3.94	724	15	15,342	3.75	576	3-73		44	843	.02	34	63
41-82-0172	6968930	1239242	11-67	3	304	21,663	3.59	778	13	17,020	3.31	563	3-73		42	735	.02	30	55
41-82-9090	7006804	1413165	1-68	2	305	23,305	3.11	725	16	16,605	3.70	615	1-72		40	1,038	-.16	12	52
41-82-9090	7496151	1450228	2-70	1	305	21,910	3.39	743	17	17,320	3.76	651	11-72		36	887	-.05	24	56
41-82-9090	7582875	1427381	10-69	1	305	18,410	3.62	667	22	16,520	3.71	613	1-72		36	879	.03	37	67
41-82-9118	6829193	1261857	4-67	4	305	19,150	3.66	700	15	15,380	3.67	565	1-73		44	783	.05	36	62
41-82-9118	7579563	1387978	9-69	2	305	19,170	3.39	649	13	15,195	3.67	558	4-73		40	809	-.04	23	52
41-82-9140	7332070	1365341	2-69	2	295	21,535	3.37	726	13	16,460	3.75	618	7-72		40	1,027	-.06	28	65
41-83-0118	6794201	1454152	11-66	3	302	19,627	4.10	804	9	15,533	3.70	575	6-72		29	610	.08	34	53
41-83-9020	6911433	1329588	8-67	3	305	20,853	3.79	791	14	16,537	3.80	628	4-72		42	732	.00	26	52
41-84-0101	6855362	1478214	3-67	4	305	20,707	3.92	811	10	16,392	3.76	616	12-72		39	731	.04	33	57
41-84-9002	6938881	1476517	12-67	4	299	18,340	4.16	764	30	15,178	3.58	543	2-73		34	518	.12	37	52
41-85-0059	7338677	1508293	4-69	2	290	19,245	3.80	732	27	15,655	3.74	586	9-72		35	720	.09	40	63
41-85-0097	7216754	1397209	8-68	3	301	17,226	4.32	745	10	13,076	3.72	486	4-73		42	691	.07	36	58
41-85-0135	7649308	1365341	10-68	2	305	18,770	3.52	661	16	14,060	3.56	501	3-73		40	941	-.02	31	64
41-85-0211	6057843	1216136	4-63	7	305	21,267	4.01	852	14	16,883	3.66	618	6-72		44	629	.05	30	51
41-85-0211	7578032	1447246	11-69	1	305	27,680	3.76	1040	9	16,160	3.76	607	2-73		35	688	.05	33	56
41-85-0223	6674783	1261857	8-66	4	301	18,043	4.50	812	20	15,550	3.81	592	7-72		44	629	.16	47	65
41-85-0223	6763837	1261857	12-66	4	305	18,908	3.66	692	22	16,115	3.84	619	11-72		44	680	.04	30	53
41-85-0223	7276700	1514912	2-69	2	305	24,455	3.77	921	21	16,640	3.77	628	11-72		31	1,175	.02	45	86
41-85-0223	7430142	1514912	4-69	1	305	21,670	4.06	880	17	16,890	3.70	625	10-72		26	684	.05	32	55
41-85-0223	7566710	1514912	4-70	1	305	23,610	4.05	956	18	17,750	3.71	658	12-72		26	793	.06	37	63
41-85-0223	7718081	1427381	5-70	1	305	23,720	3.66	869	21	17,840	3.76	670	2-73		36	1,196	.04	49	90
41-85-0223	7830497	1514912	9-70	1	305	24,740	3.71	919	21	17,570	3.73	655	1-73		26	903	.01	34	65
41-85-0321	6746908	1386406	10-66	4	305	18,820	3.75	705	17	14,760	3.67	541	11-72		44	694	.03	29	53
41-85-0417	6741904	1490298	1-67	4	298	19,988	3.30	660	13	13,773	3.74	515	2-72		30	919	-.07	22	56
41-85-0460	6700894	1261857	10-66	4	305	16,725	4.09	684	18	14,703	3.76	553	9-72		44	550	.10	35	52
41-85-0481	6719091	1347940	4-66	2	305	18,210	3.77	686	7	15,680	3.49	547	11-72		40	746	.03	32	57
41-85-9023	5706289	1383004	9-62	7	293	21,861	3.82	835	12	17,496	3.78	662	2-72	B	44	592	.11	38	56
41-85-9023	6310956	1421321	12-64	6	305	19,730	4.13	814	21	16,502	3.95	652	8-72		36	856	.03	36	65
41-85-9023	6310958	1421321	3-65	5	305	22,356	3.41	763	22	17,430	3.91	681	12-72		36	1,136	-.10	25	67
41-85-9023	7395398	1521141	5-69	2	305	19,400	4.08	792	20	15,900	4.07	647	9-72		32	803	.00	29	57
41-85-9023	7481223	1521141	8-69	2	305	21,020	4.22	886	21	17,215	3.98	685	10-72		32	869	.04	37	66
41-85-9023	7541668	1521141	1-70	2	305	22,605	3.30	747	10	17,580	3.99	701	3-73		32	1,018	-.11	19	57
41-85-9023	7541671	1521141	1-70	2	305	21,895	3.38	740	10	17,580	3.99	701	3-73		32	936	-.10	18	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST ERO CODE	REGISTRATION COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C D W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
41-85-0023	7739079	1521141	7-70	1	305	19,980	3.98	795	18	15,980	4.14	661	9-72		26	769	-.02	25	$ 52
41-85-0023	7789338	1521141	8-70	1	305	19,770	3.99	788	18	15,980	4.14	661	9-72		26	751	-.02	24	51
41-85-0023	7789039	1521141	9-70	1	305	21,360	3.76	803	18	15,980	4.14	661	9-72		26	888	-.04	25	57
41-[illegible]-0376	7388962	1505143	7-69	2	305	21,885	3.70	810	26	15,410	3.56	548	2-73		30	884	.04	38	60
41-84-0376	7772994	1455228	11-70	1	305	20,760	3.50	726	19	17,350	3.54	614	3-73		36	799	-.02	25	53
41-84-0376	7772995	1447414	9-70	1	305	17,690	3.75	664	34	15,580	3.65	568	10-72		36	778	-.02	25	53
41-84-[illegible]	7356687	1387578	12-68	3	305	18,863	3.74	705	14	15,257	3.86	589	2-73		42	811	-.01	28	56
41-86-0120	7813064	1459098	8-69	2	303	18,375	3.45	634	17	15,465	3.71	573	12-72		38	963	-.06	26	61
41-85-0282	7322462	1418353	10-68	3	288	19,810	3.46	686	13	14,527	3.77	548	3-73		41	893	-.03	27	59
41-84-[illegible]	7561501	1427381	2-70	1	305	19,490	3.65	712	10	14,920	3.50	522	1-73		36	1,055	.05	46	81
41-85-0432	7514787	1347940	8-69	1	305	15,740	3.59	565	12	11,680	3.46	404	10-71		36	756	.01	29	55
41-85-0455	6765782	1377956	12-66	3	300	17,663	3.55	627	7	13,220	3.62	479	8-72		42	811	.01	30	58
41-87-0038	6710617	1311429	10-66	4	305	23,170	4.03	933	24	18,140	3.84	696	1-72		44	1,046	.00	37	74
41-87-0038	7588185	1381770	12-68	2	305	25,685	4.21	1082	21	19,750	4.03	795	12-72		39	1,039	.03	42	77
41-87-0038	7660788	1391698	1-70	1	305	29,210	3.53	1030	15	20,100	3.96	795	3-72		36	1,085	-.10	24	64
41-87-9055	5586166	1285912	6-60	8	302	25,183	3.65	918	26	16,474	3.43	565	7-72		32	1,439	.04	58	107
41-87-9055	5849084	1337647	12-62	4	305	22,697	3.67	832	30	16,952	3.45	585	10-71		42	703	-.04	31	55
41-87-9055	7571120	1242338	1-69	2	305	22,945	3.64	835	28	15,300	3.56	545	7-72		40	676	.10	40	61
41-87-9055	7638251	1427381	2-70	1	305	20,610	3.26	672	39	15,930	3.60	573	3-72		36	1,078	.01	40	77
41-87-9055	7841146	1427381	2-71	1	299	19,820	3.57	708	33	15,830	3.55	562	12-72		36	1,026	-.04	43	78
42-03-0102	7493333	1365341	9-69	2	305	19,525	3.97	775	25	14,380	3.94	567	10-72		40	992	.01	37	71
42-03-0102	7969760	1427381	11-70	1	305	20,490	3.92	804	20	15,850	3.84	609	12-72		36	1,074	.06	48	84
42-03-0459	7896578	1450228	3-71	1	305	19,320	3.76	727	14	16,550	3.77	624	3-73		36	740	-.02	24	50
42-03-0324	7185723	1355784	10-68	2	305	21,865	3.38	738	36	16,460	3.52	579	3-72		40	1,042	-.09	24	62
42-03-0324	7449888	1485480	7-69	2	305	25,405	2.78	706	43	17,570	3.34	587	11-72		25	1,066	-.14	17	58
42-03-0328	7431835	1428104	6-69	1	305	20,880	3.45	721	16	15,250	3.83	584	5-72		36	895	-.10	17	51
42-03-0341	7233161	1386406	10-68	1	305	21,760	3.03	659	20	13,230	3.79	501	9-71		36	828	-.05	22	52
42-03-0355	6972019	1261857	11-67	4	304	17,243	4.12	710	13	15,655	3.78	592	1-73		44	520	.11	35	51
42-03-0355	6992765	1383004	10-67	4	301	20,200	3.99	805	13	15,490	3.75	581	1-73		44	557	.14	41	57
42-03-0356	5994183	1407165	10-63	6	305	21,163	3.58	757	25	14,900	3.70	552	10-72		32	1,002	-.01	34	69
42-03-0356	7374159	1393997	1-69	2	306	19,425	3.80	738	13	15,980	3.60	576	3-72		40	688	.03	29	52
42-03-0358	7110300	1427381	4-68	3	133	16,620	3.46	575	8	14,823	3.61	535	3-73	B	42	856	.02	34	63
42-03-0358	7629904	1427381	7-70	1	173	15,670	3.61	565	9	13,970	3.74	523	11-72	B	36	827	.03	35	63
42-03-0364	7370874	1481197	7-67	3	305	20,500	3.70	758	8	14,347	3.62	520	5-72		29	869	.02	34	64
42-03-0364	7718437	1478014	1-69	2	299	17,045	4.39	748	11	13,415	3.83	514	2-73		40	593	.10	36	54
42-06-0017	6953672	1365341	5-67	4	305	17,340	3.92	680	6	14,485	3.73	541	11-72		44	797	.02	32	59
42-06-0017	7225328	1478014	12-68	2	305	19,825	4.19	830	10	15,910	3.70	589	5-72		40	673	.09	30	59
42-06-0058	7578729	1447414	11-69	1	305	17,730	3.73	662	11	13,630	3.72	507	9-71		36	897	-.02	29	61
42-06-0058	7586579	1447414	9-69	1	305	19,070	3.65	697	12	14,910	3.80	566	10-71		36	921	-.03	28	61
42-06-0080	7431555	1386406	7-69	2	305	17,665	3.91	691	22	12,855	3.58	460	10-72		40	653	.05	31	53
42-06-0085	6626172	1389632	6-66	5	284	19,900	3.68	733	14	14,512	3.76	545	1-73		44	815	-.03	25	54
42-06-0087	6181315	1451334	9-64	4	291	16,365	3.93	643	9	13,028	3.82	498	6-72	B	35	799	.01	30	58
42-07-0006	5220627	1302240	11-60	9	304	18,447	3.72	687	12	14,791	3.66	541	3-72		34	695	.02	28	52
42-07-0006	7289526	1320371	9-68	3	271	21,747	3.47	755	10	16,537	3.79	626	12-72	B	42	815	-.05	22	52
42-07-0020	6537712	1184848	1-66	5	305	19,610	3.52	690	10	14,190	3.82	542	3-73		44	705	.02	28	52
42-07-0028	7988022	1450228	12-70	1	305	17,250	3.48	600	17	12,980	3.54	460	2-73		36	798	-.03	24	53
42-07-0047	7153174	1261857	6-68	2	305	18,010	3.88	698	37	13,825	3.65	505	9-72		40	725	.08	39	62
42-07-0076	7019066	1473442	1-68	3	303	22,280	3.60	801	6	16,457	3.73	614	2-73		41	1,029	-.04	30	67
42-07-0097	6940839	1365341	1-68	4	300	24,410	3.58	875	29	18,245	3.54	645	2-73		44	1,299	.00	46	91
42-07-0097	7438688	1222994	3-69	2	305	22,320	3.52	785	22	18,485	3.71	686	7-72		40	732	-.02	24	50
42-07-0097	7408696	1397209	8-69	2	305	21,405	3.99	853	26	18,645	3.61	673	11-72		40	620	.04	29	50
42-07-0097	7747665	1447414	8-70	1	305	21,380	3.75	802	37	19,210	3.60	692	12-72		36	837	-.01	28	50
42-08-0315	7132497	1386406	8-68	2	305	21,355	3.85	822	13	17,265	3.61	623	3-72		40	669	.05	32	54
42-08-0315	7705007	1366229	4-70	1	305	23,920	3.51	840	8	16,720	3.56	596	6-72		36	639	.05	30	51
42-08-0315	7874609	1397209	8-70	1	305	23,410	3.57	836	15	16,810	3.77	634	9-72		36	799	-.03	24	53
42-08-0331	7185897	1365341	9-68	2	305	20,625	3.20	659	28	15,815	3.37	533	2-72		40	987	-.05	28	64
42-08-0331	7218039	1365341	12-68	2	305	18,070	3.25	588	33	14,415	3.34	482	6-72		40	842	-.03	25	55
42-08-0331	7218040	1365341	1-69	2	305	20,705	3.19	660	36	13,795	3.32	458	8-72		40	1,159	-.04	35	76
42-08-0331	7447000	1392858	6-69	1	305	22,790	3.26	742	36	13,470	3.46	466	11-71		36	860	-.01	30	60
42-08-0331	7447004	1397209	11-69	1	305	24,450	2.97	726	30	15,180	3.30	501	3-72		36	974	-.07	24	60
42-09-0034	7568277	1478014	10-69	2	305	21,300	3.88	826	30	17,305	3.61	624	11-72		40	710	.06	35	50
42-09-0045	6753894	1459917	1-67	4	299	19,075	3.78	721	12	13,940	3.76	524	10-72		35	857	.03	36	65
42-09-0067	7853048	1447414	1-71	1	305	19,390	3.61	700	19	15,720	3.65	573	3-73		36	897	-.03	28	60
42-09-0075	7419326	1427381	9-69	2	305	16,815	3.70	622	17	14,360	3.77	542	12-72		40	911	.03	38	69
42-09-0159	8126849	1427381	7-70	1	305	18,400	3.60	663	8	14,050	3.97	558	11-72		36	1,026	.02	40	75
42-10-0080	6231216	1434811	9-64	2	305	19,615	3.95	775	11	14,970	3.65	546	2-72		29	670	.07	35	57
42-10-0140	7960663	1458744	10-69	1	299	19,680	3.31	651	16	13,830	3.76	520	1-73		36	849	-.04	24	55
42-10-0141	7376422	1330987	8-69	1	303	16,150	3.63	586	10	9,900	3.75	371	9-72		36	671	.04	30	52
42-11-0054	7247210	1365341	4-68	3	302	20,348	3.66	745	15	15,830	3.63	574	1-73		42	1,006	.00	36	71
42-12-0010	7109790	1389915	10-67	3	305	23,877	3.16	754	11	14,917	3.64	543	6-72		41	1,461	-.12	33	87
42-12-0025	7090551	1377954	9-66	4	305	19,545	3.93	768	17	17,020	3.84	654	1-73		44	695	.04	31	54
42-12-0025	8022222	1447414	9-70	1	305	22,900	3.63	831	16	17,480	3.75	655	2-73		36	1,053	-.04	32	70
42-13-0014	7576692	1427381	10-69	2	300	17,555	3.36	589	23	14,640	3.34	489	1-73		40	964	.03	39	72
42-14-0318	6790211	1210507	3-67	4	305	19,793	3.41	674	11	14,405	3.60	519	9-72		43	1,033	-.10	22	60
42-14-0018	7151151	1210507	9-68	3	305	21,477	3.53	758	10	16,093	3.86	621	3-73		42	1,037	-.10	21	60
42-14-0030	7446868	1493686	3-69	2	305	17,185	3.92	674	18	14,385	3.66	527	8-72		40	654	.06	32	53
42-14-0036	7641773	1450228	12-69	2	305	20,225	3.53	713	16	15,270	3.76	574	3-73		40	991	-.04	29	65
42-15-0006	6756967	1366152	9-66	4	300	23,920	3.41	816	43	15,938	3.90	621	4-72		43	1,111	-.05	32	72
42-15-0006	7652833	1365341	10-69	2	261	20,575	3.76	774	10	17,000	3.75	638	4-73	B	40	886	-.01	31	62
42-15-0006	7652834	1366229	10-69	1	305	23,160	3.97	919	12	16,750	3.90	654	4-72		36	581	.07	32	50
42-15-0006	7902654	1365341	2-70	1	305	19,050	3.89	741	44	15,250	3.80	579	9-72		36	797	.00	29	57
42-15-0339	6986251	1365341	11-67	3	305	18,543	3.80	704	8	14,016	3.92	549	3-72		42	965	-.01	33	67
42-17-0044	6287824	1249430	11-64	5	305	18,748	3.63	680	14	13,878	3.59	498	4-72		44	681	.02	27	50
42-18-0017	7480632	1447414	11-69	2	297	22,180	3.64	807	11	14,715	3.72	547	8-72		40	1,330	-.03	43	90
42-18-0017	7645346	1447414	4-70	1	305	19,430	3.44	668	11	16,100	3.61	581	3-72		36	877	-.04	25	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
42-18-0017	7645347	1447414	5-70	1	305	17,720	3.59	636	13	13,890	3.73	518	8-72		36	881	-.04	26	$ 58
42-18-0017	7688377	1447414	3-70	2	305	17,835	3.67	655	9	16,120	3.65	588	3-73		40	775	-.03	24	52
42-18-0017	7804855	1447414	3-71	1	305	18,410	3.60	663	8	16,140	3.69	595	3-73		36	799	-.04	23	52
42-18-0019	6575698	1261857	4-66	3	305	17,240	3.72	641	9	14,193	3.80	539	5-72		42	646	.05	31	52
42-19-0006	7229438	1397209	12-68	2	305	21,960	3.50	769	14	14,360	3.80	545	7-72		40	1,024	-.04	30	67
42-19-0006	7257467	1427381	9-68	2	305	17,325	3.75	650	11	15,470	3.81	589	2-73		40	873	.04	37	67
42-19-0006	7623072	1427381	4-70	1	305	26,240	3.65	958	14	16,690	3.68	614	2-73		36	1,453	.04	59	109
42-22-0003	7147137	1377954	2-68	3	297	20,627	3.66	755	39	13,140	3.77	495	12-72		42	1,159	.01	43	83
42-22-0003	7536716	1478014	8-69	1	305	18,990	3.24	615	54	12,080	3.82	462	9-72		35	747	-.02	24	50
42-22-0019	6506671	1443829	11-65	5	305	20,130	4.56	919	17	16,834	3.69	621	9-72		43	839	.15	54	79
42-22-0019	7066618	1507335	12-67	3	305	23,313	3.21	748	23	17,347	3.71	644	9-72		29	928	-.09	19	54
42-22-0019	7364198	1443829	12-68	2	305	21,405	3.69	790	15	17,085	3.69	630	12-72		38	870	.00	31	61
42-22-0019	7364201	1443829	3-69	2	305	20,780	3.68	765	16	17,270	3.65	631	10-72		38	789	.00	29	56
42-22-0019	7560184	1427381	12-69	1	305	18,990	4.09	777	24	17,440	3.75	654	10-72		36	868	.08	43	71
42-22-0067	5435748	1271147	9-61	7	305	18,733	3.64	681	7	13,840	3.74	518	8-72		37	846	.00	30	60
42-22-0099	5837690	1399388	1-63	7	305	19,444	3.55	691	14	14,953	3.54	530	10-72		35	737	-.01	28	53
42-22-0104	7153095	1456744	3-68	2	305	21,200	3.49	740	10	14,075	3.59	505	4-72		40	1,112	-.02	37	76
42-22-0184	7556412	1393997	11-69	2	305	19,415	3.62	703	16	13,525	3.84	519	12-72		40	887	-.01	31	62
42-22-0199	7659691	1366229	3-70	1	305	22,620	3.67	830	13	14,950	3.63	542	1-73		36	648	.06	32	53
42-22-0207	6985016	1383004	12-67	3	295	21,987	3.99	877	11	17,280	3.69	637	12-72	B	42	555	.15	42	58
42-22-0207	7075939	1242221	2-68	2	305	21,210	3.10	657	7	16,785	3.68	618	5-72		38	1,128	-.08	28	69
42-22-0207	7175368	1443829	9-68	3	305	19,600	4.27	836	18	17,170	3.77	647	10-72		41	702	.08	37	60
42-22-0207	7175369	1242221	9-68	2	305	21,655	3.91	846	19	17,020	3.82	651	11-72		38	1,155	.02	45	85
42-22-0207	7563885	1427381	9-69	2	305	20,260	4.28	868	20	17,250	3.78	652	10-72		40	1,026	.11	54	87
42-22-0207	7656436	1427381	1-70	1	305	18,050	4.35	785	8	16,290	3.76	613	5-72		36	866	.10	46	74
42-22-0218	7888282	1469166	8-69	2	305	18,190	3.84	699	16	13,625	3.89	530	2-73		35	650	.05	31	52
42-22-0218	7969261	1427381	11-69	1	305	17,450	4.03	703	20	14,250	3.93	560	2-72		36	943	.06	43	74
42-22-0222	6923582	1261857	7-67	3	303	18,590	3.76	699	6	16,753	3.52	589	2-72		42	566	.08	33	51
42-22-0244	6193850	1179372	12-63	6	299	15,972	4.98	796	23	13,450	3.99	536	12-72		44	475	.17	42	55
42-22-0445	7110301	1427381	4-68	3	305	17,546	3.81	668	13	14,663	3.59	527	10-72		42	977	.06	45	77
42-22-0445	7189688	1427381	5-68	3	301	18,946	3.81	722	17	15,266	3.58	546	10-72		42	1,083	.07	50	86
42-22-0445	7316256	1515073	10-68	3	251	23,146	3.39	785	10	16,443	3.69	606	3-73		34	1,248	-.07	33	78
42-22-0445	7548030	1427381	3-70	2	301	17,730	3.85	682	8	15,070	3.38	510	4-73		40	946	.08	47	78
42-22-0445	7949140	1545666	11-69	2	305	22,290	3.76	837	22	16,940	3.60	609	11-72		25	736	.03	31	56
42-24-0017	7007668	1365058	10-67	4	305	19,165	3.37	645	7	12,578	3.67	461	4-73		43	928	-.08	21	55
42-27-0006	7236375	1365341	12-68	2	305	21,455	3.53	758	18	17,075	3.73	637	4-72		40	969	-.03	30	65
42-28-0006	7098064	1515073	8-67	3	305	20,050	3.57	716	10	16,600	3.69	612	3-72		34	826	-.04	24	54
42-28-0006	7566396	1447414	2-70	1	305	19,920	3.44	685	11	15,010	3.54	531	3-72		36	978	-.04	29	64
42-28-0016	7422421	1417208	11-69	1	305	18,580	3.51	652	5	13,150	3.41	449	11-72		36	735	.00	27	53
42-28-0018	7356052	1427381	9-68	2	305	27,285	3.19	871	17	17,265	3.49	602	1-72		40	1,738	-.02	59	120
42-28-0018	8033837	1466747	9-70	1	305	24,230	3.66	888	11	15,020	3.68	553	9-72		35	847	.00	31	60
42-28-0135	6831763	1330987	11-66	4	303	18,540	3.60	668	7	14,792	3.64	539	4-72		44	712	.04	31	55
42-28-0137	7748603	1427381	4-69	2	299	19,065	3.81	726	10	15,005	3.74	561	12-72		40	1,087	.05	47	84
42-28-0159	6999051	1480266	9-67	3	305	18,500	3.85	713	8	13,653	3.58	489	11-72		29	663	.05	31	53
42-28-0159	7404411	1458744	11-68	2	305	17,920	3.69	661	7	13,560	3.71	503	3-72		40	821	.00	29	58
42-28-0404	7757058	1447414	9-70	1	305	17,930	3.37	604	10	14,720	3.74	550	10-72		36	847	-.05	22	53
42-30-0036	7486454	1427381	12-69	1	281	16,560	3.47	575	10	13,700	3.64	499	2-72		36	910	.03	37	68
42-30-0056	7787181	1365341	2-70	1	305	20,110	3.04	612	9	15,700	3.29	516	9-72		36	849	-.05	23	54
42-31-0073	7937578	1427381	12-69	1	305	17,400	3.68	641	24	13,700	3.58	491	9-72		36	972	.05	42	75
42-31-0104	6917515	1261857	6-67	3	305	18,927	3.44	651	12	15,597	3.70	577	2-72		42	711	.02	29	53
42-31-0104	7643935	1447414	5-70	1	305	18,250	3.72	679	10	13,430	3.81	512	9-72		36	948	-.03	30	64
42-31-0104	7749396	1447414	5-70	1	305	19,690	3.53	695	10	15,070	3.49	526	2-73		36	958	-.03	30	64
42-31-0104	7749398	1447414	6-70	1	305	17,990	3.41	614	8	14,830	3.48	516	12-72		36	845	-.04	24	54
42-31-0104	7775628	1447414	11-70	1	305	17,720	3.88	688	10	15,070	3.49	526	2-73		36	811	.00	29	57
42-33-0012	6925912	1474835	9-67	2	305	19,060	3.80	724	13	13,160	3.63	478	1-72		32	768	.02	31	57
42-33-0075	5738890	1199324	11-62	7	305	22,001	3.45	759	18	15,813	3.68	582	2-72		44	1,251	-.04	38	83
42-33-0075	7260571	1505354	10-68	3	300	22,130	3.69	817	30	16,426	3.68	605	10-72		35	887	-.01	31	62
42-33-0091	7718961	1464901	11-69	1	305	16,440	3.71	610	16	12,910	3.74	483	7-72		34	796	-.02	25	53
42-33-0187	7055206	1498804	8-67	3	305	21,250	3.49	741	11	16,167	3.54	572	4-72		33	900	-.02	30	62
42-33-0202	6244661	1425158	8-64	5	305	21,438	3.47	743	12	16,162	3.76	607	3-72		36	901	-.05	25	58
42-33-0202	7157483	1478014	6-68	3	305	20,173	3.80	767	24	17,253	3.76	649	2-73		42	640	.04	29	50
42-33-0202	7157488	1261857	7-68	2	305	24,100	3.92	944	20	17,420	3.79	660	3-72		40	1,051	.08	51	86
42-33-0251	6372291	1237057	12-64	6	305	20,901	3.53	738	17	15,875	3.52	559	2-73		44	863	-.04	25	56
42-33-0251	6794836	1448565	1-67	4	302	20,745	3.30	685	17	15,468	3.54	548	11-72		34	918	-.06	24	57
42-33-0251	7685871	1427381	12-68	3	305	18,830	3.83	722	19	16,463	3.55	584	2-73		42	959	.07	46	78
42-33-0307	7260575	1505354	12-68	3	298	20,373	3.52	717	17	14,973	3.80	569	11-72		35	809	-.05	21	50
42-33-0323	6420057	1449647	7-65	4	305	19,970	3.45	688	15	13,788	3.24	447	5-72		30	915	.01	35	67
42-33-0323	7049875	1427381	4-70	1	305	20,270	2.90	587	21	13,530	3.27	443	7-72		36	1,196	-.01	41	83
42-33-0357	6720367	1237057	9-66	4	305	19,012	3.80	723	14	14,415	3.73	538	7-72		44	747	-.01	25	51
42-33-0368	6695325	1386406	4-66	5	303	20,016	3.76	753	13	16,682	3.78	631	2-73		44	669	.02	27	50
42-33-0374	7831054	1464901	9-70	1	305	19,960	3.36	670	12	14,810	3.67	544	4-73		34	950	-.05	26	60
42-33-0388	7154638	1398216	8-68	2	305	20,715	3.43	710	19	14,875	3.64	542	3-73		40	933	-.07	23	57
42-35-0011	7826328	1447414	9-70	1	305	18,440	3.53	651	30	14,790	3.71	548	11-72		36	881	-.04	25	57
42-35-0027	6568103	1448475	7-65	6	301	15,220	3.63	553	25	13,308	3.76	501	9-72		37	827	-.02	27	56
42-35-0027	6784908	1448475	1-66	5	303	16,178	3.67	594	15	13,980	3.71	519	4-72		37	888	-.01	31	62
42-35-0027	6784912	1448475	6-66	5	300	15,904	3.72	592	14	12,732	3.82	486	8-72		37	994	-.01	34	69
42-35-0027	6784915	1448475	9-66	4	305	22,002	3.96	872	24	14,090	3.67	517	4-72		36	1,694	.06	70	128
42-35-0027	6784917	1448475	10-66	3	305	18,680	3.57	667	18	13,770	3.79	522	1-73		34	1,236	-.03	40	84
42-35-0027	6784919	1448475	11-66	4	274	17,000	3.38	575	26	13,905	3.65	508	10-71		36	1,015	-.05	29	66
42-35-0027	7069413	1448475	11-67	3	305	17,543	3.72	653	19	13,396	3.84	515	11-72		34	1,126	-.01	39	78
42-35-0027	7069418	1448475	2-68	3	305	20,343	3.46	704	18	12,846	3.78	485	8-72		34	1,550	-.04	49	104
42-35-0027	7069419	1448475	6-68	3	305	20,600	3.57	736	18	13,270	3.84	510	11-72		34	1,540	-.03	50	105
42-35-0027	7605728	1448475	12-68	2	305	19,160	3.42	656	19	14,205	3.72	529	4-72		32	1,198	-.04	36	79
42-35-0027	7605730	1448475	1-69	1	305	20,400	4.02	820	21	13,410	3.74	501	8-71		26	1,270	.03	50	94
42-35-0027	7644635	1448475	12-68	3	303	18,713	3.54	662	16	14,016	3.76	527	3-73		34	1,214	-.03	39	82

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S RECS	AVERAGE DAYS	PRODUCTION. MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
42-35-0027	7644636	1448475	12-68	2	305	23,165	3.54	821	23	13,500	3.73	504	6-72		32	1,726	-.02	58	$119
42-35-0027	7644638	1448475	12-68	2	305	21,865	3.49	764	23	13,620	3.73	508	6-72		32	1,564	-.03	51	106
42-35-0027	7644639	1448475	4-70	1	305	16,130	4.17	672	20	11,910	3.91	466	8-72		26	1,004	.02	40	74
42-35-0027	7644640	1448475	1-69	2	305	20,815	3.53	734	23	13,015	3.86	502	9-72		32	1,499	-.04	48	101
42-35-0027	7644644	1448475	3-70	1	305	17,260	3.41	589	24	12,420	3.79	471	6-72		26	1,067	-.03	33	71
42-35-0027	7833470	1448475	12-70	1	305	21,770	3.84	837	9	13,640	3.84	524	3-73		26	1,373	.00	50	98
42-35-0027	7833473	1448475	2-71	1	305	22,560	3.84	867	9	13,640	3.84	524	3-73		26	1,441	.01	53	103
42-35-0027	7833479	1448475	11-70	1	305	17,290	3.83	663	16	13,270	4.06	539	12-72		26	1,011	-.02	34	70
42-35-0050	7382457	1427381	5-69	2	305	23,435	3.29	772	19	15,355	3.67	563	11-72		40	1,502	-.01	52	105
42-35-0050	7448757	1518086	10-69	1	305	20,540	3.77	774	19	12,920	3.75	485	8-72		34	895	-.03	28	60
42-35-0050	7509010	1427381	11-69	1	305	20,240	3.04	616	9	13,460	3.77	508	5-72		36	1,198	-.02	40	82
42-35-0050	7599114	1427381	4-70	1	298	16,830	3.21	541	20	14,440	3.68	532	10-72		36	886	.01	33	64
42-35-0050	7690920	1427381	6-70	1	305	25,660	3.76	964	7	18,900	3.59	679	3-73		36	1,278	.06	55	98
42-38-0041	7510911	1357797	8-69	2	305	17,690	3.85	681	9	14,155	3.72	527	10-72		40	559	.12	38	55
42-38-0051	7261193	1386406	10-68	3	297	18,470	3.96	731	9	13,940	3.88	541	4-73		42	699	.04	32	55
42-38-0051	7464759	1426616	9-69	1	305	20,700	3.82	791	11	12,450	3.79	472	11-71		35	831	.01	31	60
42-38-0065	6872329	1386406	1-67	3	247	21,266	3.72	792	11	16,760	3.65	611	1-72	B	42	761	.03	32	58
42-39-0026	7424153	1480769	9-69	1	305	21,800	3.79	827	7	13,890	3.64	505	2-72		19	738	.03	31	56
42-40-0009	6469022	1391902	5-65	4	300	19,353	3.54	685	9	15,300	3.71	568	5-72		35	796	-.04	23	52
42-40-0032	8166581	1365341	8-70	1	305	19,540	3.94	769	5	15,500	3.61	559	12-72		36	819	.02	32	60
42-41-0008	6196935	1413613	6-64	6	304	19,588	3.64	713	11	15,695	3.48	546	4-72		33	691	.03	29	52
42-41-0037	6293286	1447007	1-65	5	305	18,338	4.06	745	15	14,680	3.59	527	3-73		35	518	.11	36	51
42-41-0037	6414318	1453282	9-65	5	291	19,916	3.33	664	14	14,292	3.60	514	4-72		35	895	-.06	23	56
42-41-0059	7250124	1476170	6-67	4	305	22,840	3.42	780	11	14,977	3.69	553	3-73		40	1,164	-.03	37	78
42-41-0059	7793768	1347940	11-70	1	305	20,210	3.99	807	7	16,210	3.73	604	3-73		36	819	.04	35	63
42-45-0008	6770748	1242221	11-66	4	288	17,988	3.48	626	53	14,313	3.74	536	1-73		42	1,044	-.03	33	70
42-45-0008	6987530	1242221	11-67	3	305	17,043	3.70	630	36	13,713	3.74	513	9-72		41	971	.00	35	69
42-45-0032	6021783	1199324	12-63	6	303	20,907	3.78	791	10	16,757	3.63	608	3-73		44	1,012	.02	40	75
42-46-0049	6824240	1458744	2-67	3	305	17,816	3.72	663	17	13,380	3.65	489	1-72		42	868	.01	32	62
42-46-0049	6824241	1458744	3-67	4	303	16,742	3.74	626	11	13,260	3.59	476	5-72		44	774	.01	30	57
42-46-0049	7029597	1458744	3-68	3	302	17,043	3.63	618	11	12,616	3.69	465	8-72		42	849	-.01	29	59
42-48-0009	6160610	1382939	7-64	5	304	19,868	4.14	822	28	14,968	3.69	552	12-72		40	700	.07	36	59
42-48-0022	6760979	1330987	1-67	4	305	16,560	4.23	700	11	13,962	3.80	530	4-72		44	549	.10	35	52
42-48-0022	7216356	1383004	10-68	2	305	18,995	4.32	820	17	14,050	3.86	543	6-72		40	441	.17	41	52
42-48-0022	7810044	1427381	8-70	1	305	17,050	4.19	715	14	13,150	3.76	495	9-72		36	979	.08	48	80
42-48-0022	8166576	1447414	12-70	1	305	19,710	3.43	677	21	13,510	3.88	524	10-72		36	1,052	-.06	29	67
42-49-0037	6712099	1377954	12-66	5	304	19,734	3.64	718	15	14,520	3.46	503	4-73		44	990	.03	41	75
42-50-0021	7980961	1365341	3-70	2	305	18,335	3.35	615	10	13,965	3.69	516	11-72		40	905	-.05	25	58
42-50-0046	6854446	1475669	3-67	3	305	20,257	3.61	731	19	14,650	3.58	524	2-73		29	800	.01	30	58
42-50-0046	7628473	1365341	5-70	1	305	18,540	3.46	641	21	14,220	3.64	518	8-72		36	821	-.03	25	54
42-50-0094	7640145	1383004	3-69	3	305	18,723	4.11	770	16	14,803	3.57	528	2-73		42	408	.17	40	50
42-50-0098	7765075	1553494	1-70	2	305	20,350	3.65	743	39	14,025	3.53	495	2-73		28	927	.00	34	66
42-52-0028	6362841	1379951	6-65	4	305	19,770	3.19	630	28	13,985	3.57	499	6-72		35	869	-.07	20	52
42-52-0108	6585350	1428731	2-66	5	295	17,660	3.51	619	17	12,922	3.68	475	12-72		39	871	-.03	27	58
42-53-0005	7831069	1428104	1-71	1	305	22,450	3.96	888	14	16,380	3.96	648	3-73		36	945	-.05	26	60
42-53-0064	7496075	1515073	1-70	1	305	20,230	3.84	777	6	15,080	4.10	618	7-72		26	813	-.03	24	53
42-53-0064	7496077	1515073	1-70	1	305	20,350	3.75	763	6	15,080	4.10	618	7-72		26	824	-.04	23	53
42-53-0064	7496078	1515073	2-70	1	305	23,050	3.56	820	6	15,080	4.10	618	7-72		26	1,057	-.06	28	66
42-53-0064	7702695	1515073	10-70	1	305	22,250	3.49	777	12	17,430	3.82	666	1-73		26	825	-.06	21	51
42-53-0064	7879129	1515073	1-71	1	305	24,310	3.26	792	6	17,230	3.82	659	4-73		26	1,017	-.09	23	61
42-55-0033	7214179	1427381	11-68	2	305	20,175	3.66	739	25	14,955	3.79	567	11-72		40	1,204	.03	48	89
42-55-0149	7745355	1458744	10-70	1	305	20,180	2.90	585	6	14,120	3.66	517	11-72		36	869	-.08	19	51
42-56-0001	7243764	1355784	11-68	3	304	23,246	3.63	844	19	17,130	3.92	672	4-73		42	1,209	-.09	30	74
42-56-0001	7728213	1450692	11-70	1	305	20,730	3.89	806	22	15,900	3.83	609	12-72		35	755	.03	31	57
42-56-0003	7170705	1386859	8-68	3	305	19,956	3.82	762	22	14,586	3.81	556	12-72		42	846	.03	35	64
42-56-0003	7401441	1308101	8-69	2	305	17,705	3.33	590	20	14,055	4.00	562	9-72		40	935	-.08	21	56
42-56-0003	7725638	1365341	9-70	1	305	19,680	3.55	698	30	15,320	3.84	589	12-72		36	840	-.03	25	55
42-56-0003	7725639	1365341	9-70	1	305	19,710	3.59	708	21	16,160	3.72	601	1-73		36	792	-.02	25	53
42-56-0026	7094721	1365341	5-68	3	305	17,893	3.67	656	25	14,430	3.69	533	11-72		42	853	-.01	29	59
42-56-0026	7221331	1365341	9-68	3	282	16,476	3.97	654	27	14,860	3.65	542	12-72		42	650	.03	28	50
42-56-0026	7221332	1365341	11-68	2	305	19,665	3.52	692	38	14,255	3.64	519	8-72		40	1,016	-.02	33	69
42-56-0026	7429954	1365341	9-69	2	294	16,325	3.94	643	28	14,380	3.71	533	1-73		40	667	.02	27	50
42-56-0026	7429955	1365341	10-69	2	304	16,610	3.71	617	28	14,245	3.68	524	12-72		40	707	.00	25	50
42-57-0060	7241793	1308101	9-68	2	305	18,665	3.59	671	39	16,770	3.67	616	12-72		40	812	-.03	25	54
42-57-0060	7508958	1427381	1-70	1	305	18,110	3.46	627	24	15,860	3.73	592	6-72		36	896	.02	35	66
42-57-0076	6766003	1330987	2-67	3	267	18,820	3.54	667	15	15,400	3.70	570	5-72		42	661	.02	27	50
42-57-0109	6217615	1427862	9-64	5	305	18,484	3.88	718	18	14,826	3.46	513	8-72		32	587	.08	33	52
42-57-0109	7750418	1399824	8-70	1	305	22,180	3.21	711	23	16,140	3.76	607	3-73		36	808	-.03	24	53
42-57-0159	7452588	1399824	10-69	2	264	23,340	3.03	708	23	16,355	3.52	576	1-73	B	40	1,059	-.06	29	67
42-57-0194	6943076	1493253	9-67	2	305	18,360	3.55	651	15	12,835	3.45	443	2-72		30	789	-.02	26	54
42-60-0026	7227891	1365341	3-68	3	244	18,973	3.34	634	10	14,746	3.74	552	1-72	B	42	948	-.06	25	59
42-60-0030	7540597	1450228	2-68	3	234	17,776	3.56	633	9	13,096	3.50	459	6-72	B	42	962	-.02	32	66
42-60-0033	7319532	1478909	3-69	2	305	19,655	3.28	645	11	12,415	3.68	457	7-72		32	959	-.08	22	57
42-60-0090	7386764	1427381	8-69	1	305	24,570	3.41	837	21	16,490	3.25	536	11-71		36	1,340	.04	54	100
42-60-0090	7493396	1427381	11-69	2	289	19,020	3.50	666	12	16,170	3.31	536	12-72		40	988	.05	43	76
42-60-0090	7493397	1427381	11-69	1	305	19,120	4.04	773	21	16,490	3.25	536	11-71		36	934	.11	50	80
42-60-0090	7493398	1427381	11-69	1	305	22,250	3.03	674	19	16,260	3.37	548	12-71		36	1,181	.00	42	83
42-60-0090	7548281	1427381	12-69	1	305	21,340	3.68	785	15	15,930	3.36	536	1-72		36	1,133	.07	51	89
42-60-0090	7548282	1427381	2-70	1	305	22,290	3.23	721	6	16,080	3.26	524	12-72		36	1,195	.03	47	88
42-60-0090	7694703	1427381	11-70	1	290	18,700	3.28	614	6	14,470	3.66	530	9-72		36	1,023	.01	38	73
42-63-0046	7792758	1417208	12-70	1	305	20,800	3.14	654	11	15,310	3.53	541	11-72		36	772	-.04	22	50
42-64-0025	7171936	1397209	7-68	2	305	22,240	3.55	790	11	16,220	3.76	610	2-72		40	902	-.04	27	59
42-65-0008	5849959	1385844	1-63	7	302	19,304	3.32	640	43	15,016	3.53	530	10-72		34	897	-.05	25	57
42-65-0008	6831925	1365341	2-67	4	300	18,967	3.49	661	47	16,780	3.41	573	4-72		44	771	.00	27	54
42-65-0008	6942596	1365341	10-67	3	305	19,360	3.31	640	56	15,793	3.43	541	6-72		42	896	-.03	27	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
42-65-0008	7119231	1365341	3-68	3	297	20,100	3.36	675	49	16,443	3.39	557	6-72		42	921	-.03	29	$ 62
42-65-0008	7285579	1365341	8-68	2	305	19,940	3.62	721	46	16,260	3.43	558	11-72		40	882	.01	33	64
42-65-0008	7647965	1365341	3-70	1	305	18,570	3.49	648	60	15,800	3.46	547	8-72		36	729	-.01	24	50
42-65-0008	7647966	1365341	1-70	1	305	20,900	3.32	693	61	15,910	3.46	550	7-72		36	896	-.03	27	59
42-66-0010	6281312	1404814	3-65	4	305	21,987	3.67	808	22	16,040	3.75	601	3-72		44	884	.03	36	66
42-66-0010	6764949	1476170	11-66	5	305	20,910	3.39	708	14	15,936	3.75	597	3-73		41	842	-.05	23	54
42-66-0040	6555942	1330987	3-65	6	305	17,821	3.88	692	10	14,680	3.77	553	9-72		44	648	.06	33	54
42-66-0040	6759564	1406271	10-66	3	305	17,810	3.85	685	16	15,353	3.76	578	7-72		42	661	.05	31	53
42-66-0040	7274806	1480188	8-68	3	305	18,923	3.87	732	22	14,890	3.73	555	2-73		33	707	.05	33	56
42-66-0045	7705122	1458744	7-70	1	305	22,360	3.21	717	10	16,190	3.33	539	12-72		36	908	-.04	27	60
42-69-0020	6929550	1428731	7-67	3	305	18,100	3.60	652	17	13,086	3.68	481	10-72		37	854	-.01	29	59
42-69-0020	7056624	1428731	11-67	3	305	18,453	3.50	645	12	14,153	3.62	512	12-72		37	791	-.02	25	53
42-69-0020	7403560	1428731	11-68	1	305	18,330	3.48	637	19	12,380	3.66	453	10-72		29	745	-.02	23	50
42-69-0020	7403566	1529654	8-69	2	305	23,290	3.81	887	5	14,385	3.61	519	4-73		25	1,121	.04	47	85
42-69-0020	7449870	1428731	11-68	2	305	18,670	3.67	686	12	12,470	3.64	454	12-72		34	913	.00	33	65
42-70-0061	7674646	1330987	11-68	2	305	20,220	3.34	676	12	14,550	3.95	574	11-72		40	833	-.02	27	56
42-71-0078	7293111	1468738	10-68	3	301	22,237	3.29	732	22	14,733	3.53	520	10-72		34	1,211	-.06	34	78
42-71-0089	7006422	1468738	12-67	4	305	22,760	3.41	777	8	17,000	3.64	618	11-72		36	1,093	-.05	31	70
42-75-0007	6920248	1470493	10-67	2	305	21,595	3.38	730	21	16,900	3.43	580	3-73		30	766	-.01	26	53
42-75-0012	6724183	1365058	8-66	2	305	21,600	3.84	830	11	15,420	3.79	584	2-73		40	814	-.02	26	55
42-75-0012	7266522	1499933	10-67	3	305	21,057	3.44	724	11	14,427	3.89	561	1-73		29	939	-.06	25	59
42-77-0074	6945509	1365341	9-67	4	305	21,047	3.62	762	24	15,480	3.83	593	4-73		44	1,157	-.03	37	78
42-77-0074	6987174	1406271	9-67	2	305	20,815	4.04	840	24	15,955	3.83	611	3-72		40	895	.08	44	73
42-77-0074	7165766	1347940	5-68	3	305	16,620	3.83	636	29	13,960	3.78	527	10-72		42	743	.01	29	55
42-77-0074	7404880	1347940	7-69	2	305	16,885	4.04	682	36	14,810	3.75	555	2-73		40	682	.04	31	54
42-77-0074	7515227	1347940	1-70	1	305	18,780	3.42	642	24	13,530	3.75	508	6-72		36	873	-.02	28	59
42-77-0074	7550774	1347940	11-69	2	302	19,380	3.30	639	41	15,000	3.73	559	1-73		40	920	-.05	26	59
42-77-0074	7647962	1365341	2-70	2	305	18,105	3.58	649	31	15,195	3.76	572	2-73		40	782	-.03	24	52
42-77-0074	7647968	1365341	10-69	2	305	18,695	3.27	611	37	14,390	3.70	533	10-72		40	907	-.06	23	56
42-77-0074	7783641	1365341	2-70	2	305	20,045	3.57	715	31	15,195	3.76	572	2-73		40	979	-.03	31	66
42-77-0074	7857635	1365341	1-71	1	305	18,480	3.35	620	44	15,000	3.53	530	12-72		36	770	-.03	23	51
42-79-0003	7036548	1450228	8-67	3	305	19,596	3.55	696	11	15,616	3.45	538	1-72		42	939	-.01	32	65
42-79-0003	7450088	1426616	8-69	2	305	22,225	2.93	651	16	15,215	3.56	542	1-73		40	953	-.10	18	54
42-79-0003	7736030	1450228	7-70	1	305	22,160	3.26	722	29	15,100	3.53	533	11-72		36	1,038	-.05	29	67
42-81-0028	7947016	1365341	2-71	1	305	19,920	3.78	753	27	14,930	3.82	570	2-73		36	881	.00	31	62
42-81-0059	7030805	1261857	3-67	5	272	17,264	3.83	662	12	14,620	3.63	530	1-73	B	44	635	.09	36	56
42-82-0026	7002238	1365341	12-67	2	305	17,365	3.77	655	32	13,815	3.61	499	8-71		40	819	.01	31	59
42-82-0026	7523640	1404814	11-69	2	305	19,685	3.96	779	31	15,055	3.67	552	4-73		40	601	.07	33	52
42-82-0038	7313414	1460373	8-67	4	305	21,460	3.22	692	17	15,548	3.61	562	3-73		35	873	-.08	19	51
42-82-0038	7495382	1539979	3-69	2	305	20,680	3.07	635	17	14,855	3.66	543	1-73		29	989	-.13	15	53
42-82-0038	7818044	1418927	9-70	1	305	23,090	3.66	845	19	15,790	3.66	578	11-72		35	697	.01	27	51
42-82-0067	6622225	1365341	7-66	4	304	17,402	3.59	624	13	13,785	3.74	515	7-72		44	874	-.02	28	59
42-82-0067	7533802	1330987	8-69	2	305	19,295	3.62	698	19	14,635	3.79	554	2-73		40	733	.03	31	56
42-82-0067	7735262	1443829	11-70	1	305	20,140	3.61	728	16	14,270	3.59	513	3-73		34	839	.00	30	59
42-82-0067	7735263	1443829	11-70	1	305	18,050	3.94	712	16	14,270	3.59	513	3-73		34	678	.02	28	51
42-82-0068	7382612	1330987	3-69	2	305	20,645	3.10	641	12	15,530	3.80	590	9-72		40	797	-.04	22	51
42-82-0068	7382613	1427381	6-69	2	302	17,925	4.01	718	11	16,055	3.72	598	8-72		40	886	.08	44	73
42-82-0068	7579456	1458744	10-69	2	305	21,865	3.38	738	11	17,080	3.65	624	1-73		40	935	-.04	27	61
42-82-0068	7579457	1458744	10-69	2	305	21,845	3.41	744	10	16,770	3.65	612	1-73		40	959	-.04	28	62
42-82-0068	7698164	1458744	7-70	1	305	21,940	3.14	688	10	16,660	3.66	610	10-72		36	849	-.06	21	52
42-82-0068	7698165	1458744	7-70	1	305	18,440	4.37	805	13	15,220	3.72	566	6-72		36	674	.05	32	54
42-82-0068	7824774	1458744	2-71	1	305	22,000	3.58	787	9	17,890	3.64	652	2-73		36	780	-.01	26	54
42-82-0089	6881607	1417208	7-66	2	305	18,785	3.76	707	19	14,125	3.75	530	3-73		40	794	.02	31	58
42-82-0093	7181853	1330987	11-68	2	305	19,275	3.48	670	8	15,405	3.63	559	8-72		40	668	.02	27	50
42-82-0093	7423419	1365341	11-69	1	305	22,380	3.65	816	11	15,530	3.82	594	5-72		36	1,029	-.02	34	70
42-82-0095	6611026	1365341	6-66	5	286	20,738	3.29	683	14	16,164	3.43	554	9-72		44	1,072	-.04	32	70
42-82-0095	7581835	1515073	9-69	1	305	21,880	3.78	827	7	18,900	3.41	645	2-72		26	692	.01	27	51
42-82-0095	7607330	1383926	9-69	2	305	21,940	3.69	810	9	17,220	3.44	592	3-73		40	713	.05	34	58
42-82-0115	7499250	1365341	11-69	1	305	18,380	3.84	705	14	12,990	3.65	474	6-72		36	882	.01	33	64
42-82-0134	7399673	1427381	8-69	2	295	15,135	3.64	551	23	13,010	3.70	482	12-72		40	850	.04	36	65
42-84-0004	6646216	1472217	10-66	4	305	22,883	3.00	687	13	17,415	3.33	580	8-72		35	1,037	-.10	21	60
42-84-0004	6869526	1472217	7-67	4	305	19,570	3.64	713	15	16,223	3.45	559	9-72		35	698	.01	27	51
42-84-0004	7575419	1534435	2-70	2	305	26,590	2.90	772	9	16,275	3.39	552	3-73		29	1,493	-.15	29	85
42-84-0004	7650109	1534435	7-70	1	305	22,280	3.71	827	18	17,260	3.44	593	8-72		24	738	-.01	25	51
42-84-0023	6354160	1446134	3-65	6	294	19,378	3.23	626	10	13,413	3.59	481	1-73	B	35	926	-.09	19	54
42-84-0026	7585104	1427381	4-70	1	305	15,140	3.79	574	28	13,190	3.68	486	8-72		36	834	.05	38	66
42-84-0035	7710407	1397209	8-70	1	304	20,280	3.80	771	28	14,390	3.75	539	10-72		36	710	.00	25	50
42-84-0065	6940722	1468738	9-67	3	305	22,860	3.53	808	11	17,360	3.71	644	3-72		34	1,017	-.04	31	67
42-84-0070	5945096	1300012	7-63	7	305	21,030	3.07	645	11	14,670	3.54	520	5-72		43	1,037	-.14	16	56
42-84-0070	7055165	1365341	2-70	2	305	19,060	3.38	645	9	14,325	3.48	498	3-73		40	949	-.03	30	64
42-84-0081	7625020	1365341	1-70	1	305	20,360	3.34	680	39	14,200	3.54	502	1-72		36	957	-.03	29	63
42-84-0085	6694084	1458744	7-66	3	305	18,340	3.66	671	14	13,606	3.62	492	10-72		42	907	.00	33	65
42-84-0085	6928928	1458744	7-67	3	305	17,836	4.14	738	14	13,460	3.77	507	4-72		42	863	.05	39	68
42-84-0085	6979174	1458744	7-67	3	303	19,736	3.81	752	15	14,476	3.68	532	8-72		42	988	.02	38	72
42-84-0085	7205071	1458744	7-68	3	303	18,513	3.24	600	20	13,390	3.65	489	1-73		42	947	-.06	25	59
42-84-0085	7313025	1458744	9-68	3	305	17,136	3.35	574	19	13,323	3.72	495	12-72		42	795	-.05	21	50
42-84-0085	7339926	1458744	8-68	3	300	16,686	4.09	682	19	13,396	3.68	493	11-72		42	736	.05	34	58
42-84-0085	7339927	1458744	11-68	3	305	19,206	3.74	718	13	13,630	3.62	494	3-73		42	1,005	.01	38	73
42-84-0086	6828657	1458744	11-66	4	305	19,740	3.80	751	13	14,017	3.71	520	5-72		44	1,069	.02	41	78
42-84-0086	7141442	1458744	1-68	3	305	18,890	3.47	655	12	13,513	3.73	504	1-72		42	979	-.03	30	65
42-84-0086	7970139	1489981	8-70	1	305	19,540	4.16	812	18	15,380	3.44	529	12-72		35	465	.15	40	52
42-84-0105	6789506	1438285	1-67	4	292	19,822	3.31	657	29	15,305	3.54	542	11-72		38	996	-.06	26	62
42-84-0105	7231594	1417208	11-68	3	305	18,720	4.03	754	17	15,560	3.53	549	12-72		42	705	.08	37	60
42-84-0117	7532214	1427381	12-69	1	305	15,560	3.55	552	10	13,360	3.86	516	12-71		36	855	.02	34	63
42-84-0117	7697062	1427381	11-70	1	305	15,440	3.54	547	5	12,940	3.74	484	8-72		36	871	.03	36	66

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
42-84-0217	7667962	1427381	11-69	2	208	19,065	3.44	655	21	14,325	3.41	489	3-73	B	40	1,142	.03	46	$ 85
42-85-0273	5817096	1382192	11-62	6	305	23,367	3.24	756	35	18,098	3.46	627	10-72		35	988	-.07	24	60
42-85-0273	6937043	1347940	8-67	4	305	20,832	3.57	744	28	18,430	3.41	629	3-73		44	833	.02	33	62
42-85-0273	6937044	1347940	9-67	2	305	20,200	3.39	685	34	18,160	3.45	626	2-72		40	747	-.01	25	51
42-85-0273	6937047	1347940	10-67	3	305	20,376	3.55	723	30	17,810	3.43	611	8-72		42	821	.01	31	59
42-85-0273	6944093	1347940	11-67	3	305	21,100	3.20	676	25	18,306	3.41	624	5-72		42	858	-.04	25	56
42-85-0273	7015699	1347940	2-68	3	305	23,830	3.26	778	32	18,436	3.43	633	8-72		42	1,160	-.04	36	77
42-85-0273	7062376	1347940	2-68	2	305	22,465	3.16	709	22	18,730	3.50	655	12-71		40	930	-.05	25	59
42-85-0273	7281345	1320310	12-68	3	300	22,033	3.49	768	33	19,090	3.43	654	11-72		42	971	-.03	30	65
42-85-0273	7345703	1320310	5-69	2	305	20,040	3.50	702	31	18,420	3.44	634	7-72		40	790	-.04	23	51
42-85-0273	7443721	1417208	10-69	2	305	24,060	3.49	840	35	19,070	3.47	662	1-73		40	928	.00	34	66
42-85-0273	7443724	1365341	11-69	1	297	22,080	3.60	794	31	19,160	3.43	657	10-71	B	36	790	.00	28	56
42-85-0273	7468195	1432733	11-69	2	305	23,905	3.61	865	30	19,010	3.45	656	11-72		40	894	.01	34	65
42 85-0273	7513420	1432733	2-70	2	305	23,400	3.10	726	24	19,140	3.40	651	3-73		40	824	-.06	20	50
42-85-0273	7605704	1417208	5-70	1	305	26,570	3.42	910	28	17,890	3.47	620	3-72		36	1,048	-.01	36	73
42-85-0273	7631374	1432733	7-70	1	305	24,920	3.33	831	31	20,010	3.47	695	1-73		36	765	-.03	23	50
42-85-0273	7631376	1447414	7-70	1	305	20,200	3.63	734	35	17,680	3.42	605	8-72		36	840	-.01	28	58
42-85-0273	7724285	1458744	10-70	1	305	24,140	3.31	800	41	18,750	3.48	652	10-72		36	888	-.03	27	59
42-85-0273	7724286	1427381	11-70	1	305	25,080	3.39	850	32	19,340	3.44	665	12-72		36	1,208	.03	48	89
42-85-0273	7792759	1427381	11-70	1	305	21,930	3.23	709	15	19,900	3.34	665	4-73		36	940	.02	37	69
42-85-0273	7792760	1427381	1-71	1	305	23,000	3.40	781	19	20,440	3.36	686	3-73		36	988	.04	41	75
42-86-0032	6877832	1464510	8-67	4	305	23,902	3.25	777	11	15,885	3.75	595	1-73		42	1,295	-.11	29	77
42-90-0014	6753649	1383004	10-66	3	243	21,357	3.24	692	13	14,263	3.64	519	5-72		42	760	.03	32	58
42-90-0014	7452612	1427381	9-69	2	305	19,940	3.79	756	27	14,775	3.68	543	1-73		40	1,195	.06	52	92
42-90-0014	7727217	1397209	7-69	2	207	22,155	3.57	790	12	17,070	3.66	624	4-73		40	824	-.02	26	55
42-91-0098	6181319	1451334	12-64	6	293	20,358	3.62	737	25	18,198	3.54	645	11-72	B	36	784	-.01	27	55
42-91-0098	6294770	1419437	11-64	7	305	22,113	3.87	855	25	17,900	3.53	632	11-72		36	720	.07	37	60
42-91-0098	6658068	1383004	11-66	4	305	23,620	3.95	934	26	18,670	3.54	660	7-72		44	665	.16	49	68
42-91-0098	7334750	1383004	11-68	3	295	25,793	3.21	829	30	18,913	3.59	679	12-72		42	843	.02	33	62
42-91-0133	7469979	1427381	1-70	1	290	15,260	3.57	545	22	12,920	3.82	493	8-72		36	859	.03	35	64
42-91-0133	7611708	1427381	3-70	1	305	15,900	4.05	644	18	12,770	3.78	483	7-72		36	916	.06	43	73
42-93-0039	7513145	1383926	12-69	2	305	21,155	3.31	700	8	14,400	3.64	524	4-73		40	862	-.02	28	59
42-94-0003	6290833	1292776	1-65	7	301	22,886	3.82	875	13	16,757	3.59	602	1-73		44	752	.01	28	54
42-94-0003	6994657	1478483	12-67	3	305	21,660	3.51	761	18	16,647	3.54	589	11-72		29	772	.00	27	54
42-94-0003	7131800	1478014	5-68	3	305	19,533	3.71	725	10	15,837	3.43	544	7-72		42	698	.06	34	57
42-94-0009	7276915	1383004	11-68	3	305	20,980	3.63	761	25	15,990	3.58	573	3-73		42	558	.10	35	52
42-94-0009	7549678	1464901	9-69	1	305	18,010	3.36	605	27	14,360	3.66	526	7-72		34	827	-.05	22	52
42-95-0065	7724454	1347940	10-70	1	305	16,070	3.58	575	23	13,000	3.52	458	9-72		36	702	.00	26	50
42-96-0056	6998244	1482944	11-67	3	305	17,783	3.45	614	8	12,043	3.63	437	11-72		32	760	-.03	23	50
42-96-0056	7634020	1550769	2-70	1	305	20,600	3.03	624	21	12,260	3.61	443	11-72		23	902	-.08	20	53
42-96-0057	6322620	1417208	4-65	5	303	19,808	3.17	627	17	16,022	3.51	562	3-72		44	833	-.06	21	51
42-96-0057	6805036	1314767	10-66	3	305	21,726	3.68	800	17	15,753	3.66	577	2-72		42	820	.03	34	62
42-96-0063	6651987	1413108	11-66	3	305	21,000	3.45	724	11	14,193	3.64	516	10-71		34	1,146	-.03	36	77
42-96-0063	6942223	1413108	12-67	2	305	19,645	3.42	672	10	14,155	3.79	536	1-72		32	898	-.05	25	57
42-96-0063	7068987	1413108	2-68	2	305	20,495	3.63	744	10	13,960	3.64	508	5-72		32	1,014	.00	36	71
42-96-0068	7335109	1383004	10-68	2	305	18,090	4.31	780	19	13,100	3.73	488	11-72		40	426	.18	42	53
42-96-0077	7387931	1428104	6-69	2	305	20,230	3.19	645	20	15,230	3.74	570	12-72		40	958	-.13	14	51
42-96-0137	6362540	1386406	8-65	5	304	19,984	3.51	701	9	15,016	3.60	540	10-72		44	837	.00	30	59
42-96-0137	6457522	1330987	12-65	5	298	16,914	4.32	730	6	15,282	3.53	539	5-72		44	469	.15	39	52
42-96-0174	5772329	1179372	12-62	6	305	20,008	3.43	687	9	14,983	3.61	541	3-72		44	838	-.01	28	58
42-96-0180	6593796	1406271	7-66	4	305	21,805	3.08	672	13	14,753	3.61	532	8-72		44	1,228	-.06	35	79
42-96-0180	6820281	1450228	6-67	3	305	21,730	3.50	760	13	15,190	3.69	560	12-72		42	1,224	-.04	37	81
42-96-0180	7105397	1406271	12-67	3	299	19,657	3.40	668	13	13,393	3.89	521	11-72		42	1,054	-.02	35	72
42-96-0388	6635763	1451389	6-66	4	292	18,160	4.05	736	11	14,640	3.77	552	11-72		40	729	.01	28	53
42-96-0422	6873630	1476450	8-67	3	296	18,906	3.52	665	10	15,426	3.79	584	6-72		34	844	-.07	20	51
42-96-0464	7323710	1242221	8-68	2	292	15,270	3.90	596	8	13,205	3.82	504	9-72		38	806	.02	32	60
42-98-0039	7536260	1383004	8-69	2	305	18,710	4.67	874	6	14,115	3.86	545	2-73		40	407	.22	47	56
42-98-0039	7589380	1427381	10-69	2	305	17,835	4.05	723	11	14,440	3.79	547	11-72		40	1,008	.08	48	81
42-98-0054	7557998	1450228	3-70	1	305	17,690	4.10	725	6	13,650	3.81	520	8-72		36	791	.01	30	57
43-02-0007	6445083	1406271	9-65	6	305	16,205	3.71	602	35	12,183	3.84	468	9-72		44	805	.03	33	60
43-04-0004	7142270	1406271	8-68	3	298	20,027	3.43	687	23	14,697	3.61	530	10-72		42	976	.01	36	70
43-04-0004	7389998	1427381	4-69	2	303	19,560	3.71	725	26	14,615	3.67	537	10-72		40	1,169	.04	49	89
43-04-0004	7539269	1427381	10-69	1	305	20,370	3.51	714	17	15,950	3.70	590	1-72		36	1,059	.02	42	78
43-04-0030	5949974	1413537	10-63	6	297	16,577	3.62	600	11	12,912	3.74	483	1-72	B	39	809	-.04	23	52
43-04-0038	7556804	1330987	4-69	2	305	19,040	3.58	681	9	14,390	3.66	527	1-73		40	727	.03	31	56
43-04-0040	6675312	1283917	9-65	5	305	22,548	2.94	662	21	15,722	3.42	537	9-72		44	1,082	-.16	14	56
43-04-0040	7084148	1452489	2-68	3	305	22,163	3.34	741	19	16,113	3.48	561	4-72		32	1,021	-.04	30	67
43-04-0044	5906369	1419526	11-63	5	304	20,106	3.21	646	9	14,708	3.49	513	9-72		35	923	-.07	22	56
43-05-0005	7701230	1493686	10-70	1	305	19,250	3.32	639	67	14,750	3.72	548	11-72		36	736	.00	26	52
43-06-0025	6877210	1355784	10-65	4	272	18,992	3.23	614	19	14,992	3.38	507	12-71		43	935	-.09	19	54
43-06-0025	7551425	1535235	2-70	1	305	21,200	3.53	749	71	15,160	3.54	537	9-72		27	823	-.01	28	57
43-06-0025	7551427	1535235	3-70	1	305	21,180	3.50	742	64	15,440	3.54	547	10-72		27	803	-.02	26	54
43-06-0025	7892335	1492486	12-69	1	305	21,970	3.03	666	66	15,910	3.49	555	12-72		35	983	-.15	12	50
43-06-0042	7730828	1447414	8-70	1	305	17,830	3.35	598	24	13,580	3.72	505	7-72		36	908	-.06	24	57
43-06-0046	6900815	1447044	6-67	3	305	16,477	3.70	610	16	11,990	3.54	425	5-72		34	892	.01	34	65
43-09-0006	6634424	1347065	8-66	4	305	21,172	3.75	794	49	15,862	3.80	603	7-72		44	752	-.01	25	52
43-09-0006	7037358	1383311	11-67	3	305	23,687	3.71	878	40	17,073	3.77	643	4-72		42	894	.00	32	63
43-09-0006	7666268	1427381	5-70	1	305	19,270	4.09	788	61	15,600	3.94	615	8-72		36	998	.06	46	79
43-09-0006	7666269	1427381	7-70	1	305	18,560	3.87	718	71	15,590	3.91	609	10-72		36	946	.04	41	73
43-12-0006	5624561	1246183	7-62	5	255	21,804	3.73	814	121	14,316	3.58	513	6-72	B	44	902	-.03	28	60
43-12-0006	6137320	1322863	4-64	6	271	17,453	3.86	673	115	13,663	3.60	492	5-72	B	42	705	.03	30	54
43-12-0006	7232815	1489981	1-69	2	179	18,500	3.66	678	82	14,465	3.55	513	6-72	B	40	540	.10	34	50
43-12-0006	7415912	1489981	5-69	2	208	19,830	3.49	692	90	14,790	3.58	530	4-72	B	40	649	.07	34	55
43-12-0006	7431706	1427381	9-69	1	287	22,030	3.00	662	133	14,470	3.66	529	11-71	B	36	'1,271	-.02	42	87

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
43-12-0006	7730978	1489981	3-69	2	160	17,620	3.55	626	70	13,385	3.52	471	8-72 B	40	538	.09	33	$ 50
43-12-0007	7074308	1365341	11-67	2	305	21,490	3.34	718	55	15,595	3.51	548	5-72	40	1,093	-.04	33	72
43-12-0007	7074309	1365341	2-68	3	303	19,693	3.81	750	55	15,300	3.56	545	7-72	42	980	-.02	39	73
43-12-0007	7305994	1365341	10-68	3	305	20,196	3.56	718	48	15,050	3.59	541	1-73	42	1,060	-.01	36	73
43-12-0007	7397207	1365341	1-69	2	305	19,505	3.29	641	52	15,055	3.59	540	6-72	40	935	-.05	26	60
43-12-0007	7448086	1365341	6-69	2	305	16,950	3.65	619	56	14,480	3.65	528	8-72	40	723	-.01	25	50
43-12-0007	7465510	1365341	7-69	2	305	20,000	3.60	719	56	15,125	3.61	546	12-72	40	980	-.01	33	68
43-12-0007	7520621	1365341	10-69	2	293	19,610	3.52	690	53	14,900	3.64	542	11-72	40	958	-.02	31	65
43-12-0007	7635545	1365341	2-70	1	305	19,190	3.42	656	54	15,530	3.55	551	4-72	36	791	-.02	25	53
43-12-0007	7635546	1365341	4-70	1	305	20,850	3.44	717	54	15,530	3.55	551	4-72	36	915	-.03	29	62
43-12-0007	7723843	1365341	5-70	1	305	20,760	3.56	739	59	14,890	3.68	548	11-72	36	946	-.02	31	64
43-12-0017	7447998	1427381	1-70	1	305	19,230	3.96	761	18	14,290	3.57	510	3-73	36	1,073	.07	50	86
43-14-0032	7359753	1427381	10-68	3	294	16,580	3.68	610	16	14,266	3.57	509	12-72	42	903	.05	40	70
43-14-0052	7369444	1406271	7-69	1	305	19,150	3.41	653	8	13,650	3.72	508	3-72	36	794	.01	30	57
43-14-0052	7672326	1406271	2-70	1	305	16,270	4.47	728	5	14,110	3.54	500	11-72	36	552	.11	36	53
43-14-0057	7320662	1535235	10-68	2	305	18,040	3.26	588	23	13,490	3.28	442	10-72	32	776	-.03	24	52
43-14-0059	7732938	1493686	1-71	1	305	19,180	4.10	786	8	13,190	3.59	474	4-73	36	824	.07	41	68
43-16-0030	6001810	1418738	10-63	5	305	19,408	3.25	631	12	13,680	3.52	482	3-72	38	803	-.05	21	50
43-16-0034	7766848	1447414	5-70	1	305	18,890	3.88	732	40	16,610	3.49	580	11-72	36	806	.00	29	57
43-16-0034	7829784	1308101	12-70	1	305	22,830	3.10	707	35	16,220	3.51	569	1-73	36	1,129	-.07	30	71
43-16-0034	7859201	010308691	5-70	1	305	19,900	3.27	651	35	16,310	3.50	571	1-73	28	1,048	.01	39	75
43-16-0034	8014987	1447414	8-70	1	305	17,940	3.85	690	16	16,160	3.65	590	8-72	36	762	-.01	26	53
43-16-0051	7428271	1070036	1-69	2	305	19,280	3.70	714	13	14,345	3.59	515	6-72	40	710	.06	35	58
43-16-0051	7800389	1539577	11-70	1	305	21,270	3.53	750	23	15,330	3.69	566	2-73	31	821	-.06	20	50
43-19-0018	6239949	1237057	1-65	6	301	24,828	3.47	862	32	18,648	3.54	661	1-72	44	1,083	-.05	31	70
43-19-0018	6387501	1341149	8-65	5	305	24,750	3.43	848	24	18,324	3.56	653	1-73	44	965	-.08	23	58
43-19-0018	6639826	1406271	8-66	4	305	20,068	3.62	727	30	18,265	3.56	650	1-72	44	666	.04	30	52
43-19-0018	6735784	1329588	10-66	5	305	22,596	3.36	760	29	18,342	3.59	658	3-73	44	829	-.05	22	52
43-19-0018	6944173	1459996	11-67	3	305	27,937	3.45	965	33	17,717	3.53	626	1-72	42	1,042	-.03	33	70
43-19-0018	7258236	1427381	12-68	2	305	21,400	3.77	807	30	18,295	3.54	647	3-72	40	1,057	.07	49	84
43-19-0018	7389997	1427381	4-69	2	303	20,050	3.78	758	38	15,330	3.68	564	11-72	40	1,161	.05	50	89
43-19-0018	7429290	1427381	9-69	2	305	19,310	3.96	764	37	15,515	3.65	566	11-72	40	1,071	.08	51	86
43-19-0018	7454877	1427381	7-69	2	305	17,995	3.61	649	35	15,405	3.65	562	8-72	40	946	.03	39	71
43-19-0018	7717774	1427381	8-70	1	305	17,350	3.94	684	45	15,150	3.81	577	9-72	36	882	.06	41	70
43-19-0034	5811555	1387885	9-62	7	277	21,101	3.57	754	18	15,426	3.59	554	1-73 B	36	925	-.01	32	64
43-19-0034	7236408	1408907	1-69	3	237	18,923	3.54	669	6	14,643	3.65	535	1-73 B	34	787	-.01	26	54
43-19-0034	7422437	1408907	4-69	2	281	17,390	3.63	632	8	12,545	3.62	454	8-72 B	32	745	.00	27	53
43-19-0035	5919124	1418353	9-63	7	305	23,200	3.60	835	9	16,444	3.78	622	2-73	43	1,206	-.01	41	83
43-19-0035	6626525	1418353	4-66	5	296	20,982	3.97	834	10	18,240	3.80	694	2-73	43	720	.05	33	57
43-19-0035	6676654	1418353	11-66	3	305	20,193	4.52	913	8	17,287	3.87	669	5-72	41	676	.12	42	63
43-19-0035	6716133	1418353	4-66	5	287	19,076	4.12	786	11	16,664	3.88	646	10-72	43	634	.06	32	53
43-19-0035	6926715	1418353	3-67	4	298	20,290	3.90	792	12	16,913	3.84	649	9-72	42	750	.03	31	56
43-19-0035	7011510	1418353	2-68	3	305	24,463	3.40	831	10	18,083	3.82	691	5-72	41	1,107	-.06	30	70
43-19-0035	7373774	1189870	3-68	3	305	24,180	3.55	858	21	17,420	3.86	673	1-73	42	1,003	-.02	33	68
43-19-0035	7452243	1529633	9-69	2	296	22,250	3.97	884	16	17,415	3.81	663	1-73	29	693	.04	31	54
43-19-0035	7669883	1386406	4-70	1	305	23,380	3.63	849	17	16,490	3.94	650	7-72	36	754	.00	27	53
43-19-0054	6910170	1490586	9-67	3	305	22,413	3.40	761	10	16,770	3.54	594	11-72	34	906	-.04	27	59
43-19-0054	7541576	1332060	11-69	2	305	22,255	3.58	796	12	18,065	3.48	629	4-73	31	690	.01	26	50
43-19-0064	5922959	1412106	7-63	5	283	24,266	3.55	861	23	17,998	3.53	636	8-72 B	36	1,017	.01	38	73
43-19-0064	6098904	1290182	10-63	5	278	21,996	3.28	721	26	16,042	3.58	575	9-72 B	44	837	-.05	22	52
43-19-0064	6826952	1450228	1-67	4	271	17,740	3.59	636	41	14,782	3.60	532	9-72 B	44	817	-.02	26	55
43-19-0074	7168168	1427381	9-68	3	301	22,176	3.52	781	18	17,736	3.60	638	10-72	42	1,227	.02	48	90
43-19-0074	7463667	1427381	12-69	2	302	22,405	3.74	837	7	17,780	3.52	625	2-73	40	1,201	.06	53	93
43-19-0074	7512475	1427381	12-69	2	305	24,485	3.37	825	6	17,810	3.49	621	3-73	40	1,410	.01	52	101
43-19-0077	7475550	1427381	6-69	1	305	16,520	4.01	663	13	13,930	3.61	503	3-72	36	893	.07	43	72
43-19-0077	7688813	1427381	9-70	1	305	16,850	3.66	617	13	14,630	3.73	545	1-73	36	876	.04	37	67
43-19-0094	7425923	1306247	8-69	2	303	19,855	4.11	817	11	15,905	3.70	588	9-72	40	736	.04	32	57
43-19-0096	7781530	1450228	7-70	1	305	20,160	3.92	791	18	16,350	3.75	613	1-73	36	814	.00	29	57
43-20-0007	8041760	1500404	8-70	1	305	20,460	3.27	670	10	13,140	3.62	476	3-73	35	991	-.11	19	56
43-22-0001	7363581	1303004	1-69	2	305	26,780	3.60	965	17	18,245	3.52	642	1-72	40	891	.10	48	76
43-22-0001	7865883	1447414	3-70	1	305	21,850	3.50	765	23	17,330	3.53	612	5-72	36	984	-.03	30	65
43-22-0025	6011829	1413537	10-63	6	305	20,925	3.51	734	19	15,833	3.69	584	7-72	39	1,094	-.05	31	70
43-22-0025	7060950	1466812	8-66	5	305	21,792	3.71	809	20	15,646	3.76	589	2-73	39	1,010	.01	38	73
43-22-0025	7094029	1493686	11-67	3	305	22,590	3.49	789	21	16,963	3.70	628	8-72	42	1,063	.00	38	75
43-22-0026	7051447	1500533	10-67	3	304	20,533	3.42	702	15	14,790	3.57	528	10-71	33	839	-.02	27	57
43-22-0034	7114723	1261857	8-68	3	301	21,800	3.64	793	16	15,047	3.73	561	11-72	42	1,092	.04	46	83
43-23-0003	6888234	1406271	7-67	4	302	17,748	3.30	585	12	15,018	3.45	518	4-73	44	700	.01	26	50
43-23-0018	7413959	1500404	7-69	2	289	20,790	3.41	708	11	14,725	3.60	530	4-73	40	1,053	-.09	23	62
43-23-0018	7794926	1365341	9-70	1	305	18,700	3.59	671	28	15,760	3.60	567	12-72	36	741	-.01	25	51
43-24-0027	7745327	1542273	5-70	1	305	23,390	3.99	933	12	17,320	3.79	656	2-73	22	718	.04	32	56
43-31-0027	7084034	1359784	2-68	3	297	19,916	3.27	652	11	14,810	3.48	515	8-72	42	1,038	-.10	22	61
43-33-0020	6992097	1493686	11-67	4	304	19,850	3.30	655	29	16,107	3.59	578	1-73	44	853	-.02	27	57
43-33-0022	6814390	1308091	10-66	4	305	22,285	3.66	816	26	16,863	3.72	628	12-72	44	840	-.03	26	56
43-33-0025	7538783	1500404	9-69	2	305	20,360	3.53	718	24	15,105	3.55	536	2-73	40	978	-.08	23	59
43-33-0027	7040887	1387978	1-68	3	305	23,447	3.06	718	22	16,057	3.61	580	11-72	42	1,264	-.10	30	77
43-33-0027	7040888	1387978	3-68	3	305	21,303	3.67	781	16	15,430	3.69	569	3-73	42	1,075	.00	38	76
43-33-0027	7111146	1468400	10-66	5	305	21,286	3.30	702	14	15,292	3.52	538	3-73	36	1,057	-.06	28	66
43-33-0034	7552670	1427381	1-70	1	305	21,620	3.77	814	23	17,400	3.53	614	3-72	36	1,066	.06	48	84
43-33-0041	6411302	1271810	6-65	6	305	21,807	3.40	742	22	15,733	3.67	578	2-73	44	1,086	-.08	27	67
43-34-0011	7706904	1447141	1-69	2	305	18,145	3.36	609	28	12,445	3.62	450	9-72	40	684	.02	28	51
43-35-0065	7491621	1406271	7-69	2	297	17,080	3.48	595	13	13,370	3.65	488	4-73	40	726	.02	29	54
43-35-0065	7665632	1500404	7-70	1	305	20,210	3.49	705	10	13,800	3.99	550	10-72	35	932	-.11	17	52
43-35-0069	5189176	1210507	9-60	8	305	22,678	3.43	777	18	17,513	3.59	628	6-72	44	1,111	-.10	25	66
43-35-0069	5307551	1210507	12-60	8	305	21,838	3.86	843	18	17,695	3.58	633	10-72	44	983	-.02	33	68
43-35-0069	6022614	1210507	1-64	6	305	23,270	3.60	837	17	17,630	3.69	651	4-72	44	1,176	-.08	30	73

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
43-35-0069	6308931	1210507	4-65	4	305	23,393	4.07	952	20	17,938	3.60	646	7-72		43	1,129	.02	43	$ 82
43-35-0069	6942890	1210507	8-67	4	305	24,448	3.57	872	25	18,603	3.58	666	10-72		43	1,194	-.07	32	75
43-35-0069	7367893	1271810	2-68	3	305	23,883	3.89	930	26	18,903	3.66	691	12-72		42	955	.01	36	69
43-35-0069	7441368	1392858	8-69	2	305	24,605	3.58	882	19	19,155	3.80	727	1-73		40	817	.00	30	58
43-35-0069	7684182	1392858	8-70	1	305	25,840	4.05	1047	22	19,600	3.78	740	1-73		36	722	.07	37	60
43-35-0069	7692729	1365341	8-70	1	305	23,160	3.43	794	24	19,930	3.81	760	1-73		36	825	-.05	22	52
43-35-0109	5770895	1210507	11-62	7	305	20,684	3.22	665	51	15,123	3.48	526	9-72		44	1,101	-.12	21	62
43-35-0109	6589170	1347065	5-66	4	305	22,990	3.28	754	49	15,740	3.42	538	1-73		44	988	-.06	26	62
43-35-0126	7108574	1406271	4-68	2	211	20,160	3.85	776	12	18,110	3.44	623	10-72	B	40	654	.08	36	57
43-35-0159	6896297	1458744	3-67	3	273	22,413	3.42	766	7	14,996	3.79	568	5-72		42	1,248	-.05	37	82
43-35-0159	7552632	1427381	3-70	1	305	21,170	3.83	810	16	16,580	3.62	601	7-72		36	1,081	.06	49	85
43-35-0164	7407072	1500404	8-69	2	305	21,315	3.11	662	5	14,755	3.69	545	3-73		40	1,104	-.14	17	59
43-35-0160	7383589	1493686	3-70	1	305	19,020	3.16	604	7	12,940	3.98	515	7-72		36	827	-.03	25	55
43-35-0164	7109154	1462517	8-68	2	305	21,815	3.26	711	12	15,460	3.62	559	1-73		25	825	-.06	20	50
43-35-0164	7405188	1427381	6-69	1	305	21,410	3.63	776	13	16,260	3.43	558	12-72		36	1,118	.06	49	87
43-35-0164	7553287	1427381	2-70	1	270	19,820	3.93	778	13	16,260	3.43	558	12-72		36	1,000	.08	49	82
43-35-0164	7613774	1427381	3-70	1	305	18,540	3.45	639	14	16,820	3.48	586	1-73		36	871	.04	37	66
43-35-0174	7847254	1493686	10-70	1	305	17,650	3.33	588	7	13,120	3.31	434	2-73		36	714	.02	29	53
43-36-0008	7559041	1427381	9-69	2	305	20,060	3.36	675	20	16,050	3.41	548	11-72		40	1,103	.02	43	81
43-43-0009	7523745	1493686	12-69	1	305	18,800	3.62	680	21	13,550	3.51	476	7-72		36	774	.09	33	59
43-46-0044	5872586	1413537	8-63	7	305	18,983	3.08	584	16	14,019	3.27	458	2-73		39	1,025	-.08	24	62
43-48-0078	7452505	1535235	8-69	2	305	17,235	3.47	598	5	12,890	3.52	454	11-72		32	738	-.02	24	50
43-48-0090	7588626	1406271	1-70	2	219	17,445	3.29	574	20	13,735	3.34	459	11-72	B	40	739	.02	29	54
43-49-0039	7611218	1427381	10-69	1	305	20,700	2.68	554	23	14,810	2.97	440	2-73		36	1,152	-.02	39	80
43-49-0040	5736899	1210507	1-63	6	291	18,943	3.27	620	24	13,982	3.51	491	8-72	B	44	992	-.11	18	55
43-49-0051	7860096	010288790	6-68	2	305	18,405	3.75	690	13	16,085	3.66	589	1-73		38	563	.00	32	50
43-49-0051	7860861	010288790	12-69	1	305	20,240	3.95	799	20	15,190	3.88	590	7-72		34	708	.08	38	61
43-50-0052	7419247	1493686	1-69	2	303	20,420	3.40	695	17	14,480	3.84	556	8-72		40	975	-.02	32	66
43-50-0052	7594155	1493686	11-68	2	305	18,680	3.95	738	15	14,525	3.80	552	10-72		40	795	.05	37	63
43-50-0052	7721006	1493686	1-70	1	305	19,300	3.51	677	21	13,400	3.93	526	8-72		36	820	.00	30	58
43-50-0057	7045083	1493686	5-68	3	299	17,156	3.18	545	15	12,756	3.64	464	7-72		42	825	-.03	25	54
43-50-0057	7525035	1426616	11-69	1	305	22,690	3.35	760	19	15,360	3.41	524	1-72		35	806	-.03	25	54
43-50-0065	6236494	1347065	10-64	6	305	20,008	3.57	715	28	14,263	3.52	502	2-73		44	796	-.02	26	54
43-50-0065	6509179	1439813	11-65	4	305	19,373	3.64	705	21	14,160	3.45	488	2-72		34	721	.04	32	56
43-50-0065	6896298	1458744	3-67	4	299	18,915	3.60	680	30	15,140	3.52	533	3-72		44	856	.00	31	61
43-50-0065	7049987	1492073	4-68	3	305	21,617	3.57	772	31	14,667	3.57	523	7-72		42	883	-.02	29	60
43-50-0065	7156483	1512545	5-68	3	305	20,233	3.72	753	28	14,863	3.54	526	11-72		29	772	.03	33	59
43-50-0065	7203994	1210507	9-67	3	305	20,920	2.99	625	38	14,420	3.52	508	4-72		42	1,128	-.16	16	59
43-50-0065	7214985	1499045	7-68	3	305	21,003	3.39	712	31	14,970	3.49	523	1-73		29	870	-.03	27	58
43-50-0065	7572004	1427381	11-69	1	305	19,160	3.74	716	33	16,080	3.58	575	4-72		36	961	.05	43	75
43-50-0065	7590243	1427381	1-70	1	305	19,980	3.40	679	36	14,640	3.69	540	7-72		36	1,108	.01	42	80
43-50-0065	7615310	1427381	12-69	2	305	21,205	3.17	673	35	16,050	3.54	568	3-73		40	1,220	-.02	41	84
43-50-0081	6763768	1330987	9-66	4	303	18,375	3.68	676	18	15,165	3.61	547	8-72		44	655	.05	31	53
43-50-0081	7140716	1261857	2-68	3	304	20,933	3.59	752	16	16,227	3.58	581	10-72		42	884	.05	40	69
43-50-0156	7602004	1427381	4-70	1	305	21,870	3.70	810	14	13,550	3.69	500	9-72		36	1,314	.05	55	100
43-51-0030	7617376	1447414	1-70	1	305	18,000	3.37	606	26	12,220	3.58	438	12-72		36	1,002	-.05	29	65
43-52-0006	6080825	1271810	6-64	6	305	20,372	3.09	630	63	15,327	3.54	543	1-73		44	943	-.11	17	53
43-52-0006	6717436	1458744	11-66	5	265	18,414	3.35	617	52	15,398	3.52	542	11-72		44	781	-.04	22	50
43-52-0006	6909034	1308101	11-67	4	289	18,793	3.23	607	68	16,383	3.49	572	3-73		44	885	-.06	22	54
43-52-0006	7019497	1486419	3-68	3	301	22,813	3.05	696	75	16,113	3.48	560	12-72		34	1,039	-.10	21	60
43-52-0006	7169290	1458744	8-68	3	305	22,020	3.39	746	72	16,290	3.45	562	3-73		42	1,084	-.03	35	73
43-64-0026	7316435	1493686	12-68	2	297	18,215	3.76	685	14	14,735	3.51	517	9-72		40	730	.05	34	58
43-65-0017	5883261	1330987	7-63	7	304	18,342	4.15	761	28	15,674	3.66	573	5-72		44	613	.11	39	58
43-65-0017	7607307	1426616	12-69	2	305	19,765	4.28	845	29	16,355	3.63	593	2-73		40	609	.08	34	53
43-65-0042	7442078	1427381	8-68	1	305	19,200	4.02	772	38	16,210	3.57	578	5-72		36	957	.08	47	78
43-65-0042	8010477	1427381	8-70	1	305	17,300	3.71	642	22	15,430	3.66	565	3-73		36	862	.05	38	67
43-65-0054	7079101	1386406	9-67	3	305	19,633	3.50	688	6	14,993	3.55	533	11-71		42	735	.00	27	53
43-66-0002	7368699	1506860	7-69	2	305	20,735	3.49	724	18	14,475	3.62	524	3-73		29	832	-.03	26	56
43-66-0002	7741691	1466757	11-70	1	305	18,460	3.56	658	15	14,440	3.61	521	3-73		34	729	-.01	24	50
43-66-0002	7741692	1466757	12-70	1	305	19,570	3.34	653	15	14,440	3.61	521	3-73		34	814	-.04	23	52
43-66-0023	7287846	1321877	9-68	2	305	20,390	3.59	733	22	14,960	3.60	538	3-73		32	736	.00	26	52
43-66-0023	7486295	1533533	10-69	1	305	24,490	3.41	834	25	15,550	3.41	531	5-72		19	867	-.01	29	60
43-66-0023	7612841	1447414	2-70	1	305	16,400	3.72	610	26	13,450	3.69	496	10-72		36	809	-.03	25	54
43-66-0023	7658802	1427381	10-69	1	305	15,500	4.10	636	28	13,990	3.70	517	12-72		36	813	.08	41	67
43-66-0023	7853211	1447414	10-70	1	305	16,900	3.79	641	27	14,150	3.73	528	12-72		36	805	-.02	26	55
43-66-0023	7872861	1427381	12-69	1	290	17,410	3.60	626	27	13,640	3.52	480	8-72		36	977	.04	42	75
43-66-0023	7905203	1427381	11-70	1	305	17,690	3.86	682	26	13,990	3.70	517	12-72		36	977	.06	44	77
43-68-0002	6027934	1355784	10-63	7	300	22,635	3.51	794	33	17,084	3.69	631	11-71		44	1,210	-.09	30	74
43-68-0002	6027935	1271810	11-63	7	305	20,930	3.76	788	24	17,386	3.69	642	5-72		44	802	-.01	27	55
43-68-0002	6187405	1271810	7-64	7	301	20,530	3.65	749	29	17,244	3.69	637	11-72		44	765	-.04	22	50
43-68-0010	6733051	1406271	11-66	4	305	15,018	4.09	614	17	10,925	3.80	415	8-72		44	767	.08	40	65
43-70-0018	7215068	1535235	11-68	3	305	19,030	4.32	822	22	14,570	3.71	541	1-73		35	845	.09	45	72
43-70-0022	7340270	1365341	12-68	1	305	17,000	3.68	626	6	13,260	3.41	452	3-73		36	763	.00	28	54
43-71-0007	6620143	1406271	5-66	4	305	18,878	3.48	657	13	15,915	3.68	585	7-72		44	751	.01	28	54
43-71-0007	7174300	1406271	10-67	4	305	18,720	3.94	737	15	16,550	3.68	609	2-73		44	669	.08	36	57
43-71-0007	7434590	1406271	2-69	2	305	20,490	3.51	719	26	17,380	3.73	648	12-72		40	746	.01	29	55
43-72-0013	7232635	1365341	1-68	2	305	16,775	3.50	587	19	13,736	3.49	480	8-71		40	765	-.02	25	52
43-75-0003	6785715	1210507	1-67	3	305	19,987	3.14	627	17	14,580	3.51	512	11-72		42	1,005	-.14	15	53
43-75-0075	6513104	1330987	11-65	5	305	18,152	3.54	642	30	14,624	3.52	515	1-73		44	696	.03	30	53
43-75-0102	6691934	1458744	10-66	4	296	17,367	3.86	670	22	15,052	3.74	563	7-72		44	674	.02	27	50
43-75-0156	7151192	1458744	9-67	1	299	18,470	4.04	746	7	14,400	3.68	530	7-72		36	725	.03	30	55
43-75-0156	7179029	1458744	8-68	2	305	18,665	4.14	772	7	16,130	3.33	537	2-73		40	688	.08	37	59
43-75-0156	7477868	1458744	9-69	2	304	21,880	3.51	769	5	14,646	3.61	528	10-72		40	1,135	-.02	38	78
43-75-0162	7567193	1427381	10-69	1	305	21,160	3.67	776	21	14,960	3.59	537	10-72		36	1,177	.05	50	90
43-75-0165	7302761	1458744	12-68	3	305	19,910	3.24	645	66	16,286	3.53	575	1-73		42	841	-.05	22	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
43-89-0002	7762813	1406271	8-70	1	305	18,890	3.52	664	57	14,220	3.75	533	1-73		36	740	.02	30	$ 55
43-92-0002	5319994	1189870	11-60	8	290	18,120	4.18	757	19	15,165	3.72	564	7-72		44	551	.09	33	50
43-92-0002	6270234	1244845	11-64	6	305	25,328	3.22	816	24	16,783	3.38	567	3-73		44	1,345	-.08	36	85
43-92-0002	6830059	1367353	2-67	3	305	21,306	3.57	760	34	16,296	3.44	560	10-72		42	647	.04	29	51
43-92-0002	7497667	1525163	8-69	2	305	24,620	2.80	689	31	17,060	3.26	556	1-73		25	1,018	-.12	18	56
43-95-0002	6159973	1271810	5-64	5	305	20,252	3.30	669	19	15,726	3.59	564	5-72		44	886	-.08	19	52
43-95-0002	6517692	1406271	9-65	5	305	18,480	4.04	747	21	15,578	3.64	567	4-72		44	748	.10	42	66
43-95-0002	6902042	1458744	10-67	3	300	22,260	4.25	946	24	16,893	3.56	602	3-72		42	1,056	.10	54	88
43-95-0002	6927828	1406271	4-66	5	305	18,666	3.56	664	26	16,560	3.59	594	1-73		44	670	.03	28	51
43-95-0002	8056705	1539804	11-69	2	305	22,640	3.66	828	22	17,770	3.50	622	3-73		29	741	.04	33	58
43-97-0064	6924026	1468480	8-67	3	298	18,846	3.18	599	19	13,620	3.33	453	8-72		32	826	-.06	21	51
43-97-0064	7162089	1355784	2-68	4	305	18,995	3.13	594	18	15,277	3.29	502	3-73		43	907	-.10	17	51
43-97-0064	7710328	1500404	5-70	1	305	20,130	3.27	658	27	14,320	3.44	493	10-72		35	895	-.10	17	51
43-97-0220	5759350	1385011	2-63	3	305	20,237	4.00	809	10	14,453	3.63	524	4-73		29	820	.07	41	68
43-97-0235	6371501	1385388	10-64	3	297	18,953	4.00	758	17	13,736	3.77	518	10-72		36	626	.06	32	52
43-98-0069	5831429	1425996	4-63	2	300	18,625	3.88	723	7	14,445	3.86	557	2-72		28	684	.02	28	51
43-98-0069	7415915	1489981	6-69	2	305	20,910	3.50	732	69	14,265	3.77	538	7-72		40	802	.06	38	64
43-98-0071	6708674	1436314	10-66	4	305	21,743	3.44	749	5	15,238	3.56	542	3-72		37	1,199	-.04	36	79
45-02-0036	6950107	1490775	3-67	3	305	20,320	3.61	734	9	14,933	3.69	551	2-72		29	777	-.01	27	54
45-02-0050	7592274	1427381	11-69	2	305	17,450	3.70	646	9	15,650	3.58	561	1-73		40	871	.05	39	68
45-03-0026	6931857	010279718	10-65	5	305	17,384	4.19	729	13	13,710	3.68	504	1-73		32	554	.10	35	52
45-03-0026	7626044	1427381	2-70	1	305	18,780	3.33	626	13	14,110	3.63	512	10-72		36	1,051	.01	40	76
45-09-0038	7745803	1426597	10-69	1	305	21,480	3.65	784	32	13,990	3.65	510	12-71		36	741	.00	27	53
45-09-0044	7413548	1315578	9-69	2	294	19,840	3.90	773	15	15,540	3.89	604	10-72		40	607	.10	37	56
45-09-0044	7571812	1427381	12-69	2	292	19,695	3.97	782	10	16,345	3.91	639	12-72		40	1,042	.06	47	82
45-09-0044	7752317	1427381	5-70	1	305	17,400	4.48	780	8	14,690	3.78	555	8-72		36	913	.10	49	78
45-09-0044	7752320	1427381	8-70	1	305	21,460	4.12	884	8	14,690	3.78	555	8-72		36	1,216	.08	57	97
45-09-0044	7752321	1427381	9-70	1	281	18,800	3.69	694	8	16,610	4.01	666	1-73		36	903	.02	36	67
45-09-0044	7752325	1427381	10-70	1	305	22,920	3.81	873	12	16,510	3.99	659	12-72		36	1,216	.04	50	91
45-10-0003	7270548	1387978	12-68	1	304	18,320	3.78	692	13	14,120	3.41	482	4-72		36	725	.02	29	54
45-10-0003	7652352	1447414	9-69	1	117	16,210	3.38	548	17	13,990	3.30	462	10-72	B	36	763	-.03	23	50
45-16-0007	7538954	1427381	4-70	1	305	17,820	3.06	545	13	14,470	3.21	465	1-73		36	958	.02	37	70
45-20-0005	6816724	1261857	1-67	4	305	16,790	3.23	543	36	13,423	3.40	457	11-72		44	685	.02	27	50
45-20-0005	6938708	1222994	12-67	3	301	18,047	3.20	577	22	13,027	3.39	441	7-72		42	796	-.03	24	52
45-20-0005	7169063	1261857	5-68	2	298	16,175	3.68	596	34	13,315	3.55	473	5-72		40	580	.07	31	50
45-20-0005	7169068	1261857	10-68	2	305	19,690	3.62	713	35	14,075	3.45	485	12-72		40	875	.07	42	71
45-20-0005	7589509	1447414	9-69	2	305	23,020	3.16	728	35	13,800	3.44	475	1-73		40	1,489	-.08	41	95
45-20-0005	7589510	1447414	10-69	2	305	17,635	3.38	596	35	14,080	3.43	486	12-72		40	920	-.04	27	60
45-20-0005	7589511	1447414	10-69	2	297	18,605	3.21	598	35	14,065	3.44	484	2-73		40	1,020	-.06	27	64
45-20-0005	7589514	1447414	11-69	2	305	17,575	3.03	532	38	14,075	3.42	482	1-73		40	914	-.08	21	55
45-20-0005	7699115	1447414	10-69	2	305	16,845	3.37	567	34	14,020	3.45	483	11-72		40	845	-.04	24	54
45-20-0005	7699117	1447414	12-69	2	305	16,815	3.40	572	33	14,130	3.46	489	2-73		40	833	-.04	24	54
45-20-0005	7745528	1447414	3-70	1	305	21,720	3.47	753	28	12,900	3.52	454	3-72		36	1,238	-.03	39	83
45-20-0005	7804086	1447414	7-70	1	305	17,430	3.49	609	23	13,440	3.56	478	5-72		36	886	-.04	26	58
45-20-0005	7850102	1447414	2-70	1	305	15,880	3.55	564	22	13,640	3.45	470	7-72		36	759	-.02	24	51
45-20-0005	7850108	1447414	8-70	1	305	16,770	3.25	545	24	13,540	3.53	478	6-72		36	831	-.05	22	52
45-20-0005	7850110	1447414	2-71	1	305	18,500	3.12	578	17	14,760	3.43	507	3-73		36	887	-.06	22	54
45-20-0005	7850117	1447414	8-70	1	300	18,250	3.06	559	17	14,760	3.43	507	3-73		36	869	-.07	21	53
45-20-0015	7564448	1447414	12-69	1	295	16,310	3.52	574	11	13,930	3.60	502	10-72		36	773	-.04	22	50
45-23-0005	7614824	1447414	11-69	1	305	18,750	3.56	667	19	15,490	3.91	606	11-71		36	863	-.05	23	54
45-30-0013	6739550	1453380	10-66	4	305	19,308	3.59	693	6	13,805	3.45	476	4-72		34	953	.01	36	69
45-36-0027	7614353	1427381	10-69	2	301	17,340	4.21	730	40	13,670	3.86	528	10-72		40	1,020	.09	50	83
45-37-0022	6558216	1460507	3-66	4	305	17,858	4.31	769	17	14,663	4.02	589	4-72		35	501	.11	35	50
45-45-0022	7261268	1427381	1-69	2	291	18,960	3.38	640	19	14,480	3.41	494	12-72		40	1,119	.02	44	82
45-47-0001	7731155	1365341	10-70	1	305	20,250	3.61	732	24	16,320	3.91	638	3-73		36	823	-.03	25	54
45-47-0031	6883636	1330987	8-67	2	305	20,080	3.54	711	5	15,980	3.59	574	4-72		40	703	.03	30	54
45-47-0031	7426799	1548666	11-68	2	305	21,465	3.59	771	7	15,955	3.50	559	4-72		25	731	.01	28	53
45-51-0002	6488670	1311429	11-65	5	304	20,106	3.20	644	17	15,102	3.68	556	5-72		44	992	-.13	16	54
45-52-0018	8180326	1427381	10-70	1	305	22,940	2.77	635	5	15,460	3.16	489	1-73		36	1,280	-.03	42	87
46-01-0043	6696461	1406271	12-66	4	305	17,655	3.98	702	16	14,848	3.79	562	1-73		44	706	.07	36	59
46-01-0043	7089025	1406271	8-67	3	305	21,790	3.69	805	26	13,947	3.76	524	4-72		42	1,248	.03	50	93
46-01-0061	6766169	1419378	12-65	4	304	20,968	3.59	752	23	15,260	3.44	525	9-72		30	887	.02	35	65
46-01-0061	7815623	1330987	9-69	2	305	21,105	3.41	720	28	15,375	3.44	529	11-72		40	856	.03	35	64
46-01-0061	7849245	1427381	9-69	1	305	18,950	3.27	620	29	15,620	3.39	529	9-72		36	973	.03	39	72
46-01-0064	7394915	1427381	4-69	2	190	18,200	3.41	621	6	14,980	3.55	532	9-72	B	40	1,001	.02	39	73
46-01-0073	6073243	1379495	2-64	3	304	19,497	3.20	624	5	14,017	3.64	510	11-72		32	896	-.09	19	52
46-05-0038	7040609	1467479	8-67	3	305	22,030	3.47	765	13	15,417	3.11	480	4-72		33	950	.04	41	73
46-05-0038	7098444	1467479	3-67	4	304	21,760	3.61	785	13	15,320	3.25	498	3-73		35	986	.05	44	77
46-05-0038	7181598	1467479	8-66	5	289	20,620	2.95	609	13	15,476	3.21	497	1-73		36	836	-.07	19	50
46-05-0038	7196732	1467479	6-68	3	305	22,337	2.86	638	8	15,220	3.29	500	4-73		33	1,012	-.09	22	60
46-06-0010	6789512	1438285	7-66	3	301	19,640	3.27	643	27	14,596	3.58	523	11-71		37	1,014	-.07	26	63
46-06-0010	7066576	1483718	4-68	3	303	19,296	3.71	715	26	15,763	3.44	543	11-72		35	669	.03	29	52
46-06-0010	7226473	1236789	11-68	3	305	19,896	3.39	674	24	16,053	3.28	527	2-73		42	766	.00	28	55
46-06-0010	7427535	1355784	10-69	2	302	21,395	2.90	620	31	16,505	3.48	574	12-72		40	990	-.15	12	50
46-07-0114	7324780	1493748	4-69	2	300	21,720	3.36	729	7	13,810	3.64	503	8-72		39	859	-.02	28	58
46-10-0001	7126186	1493339	2-68	3	302	18,290	4.32	790	9	13,240	3.75	497	3-73		29	681	.11	41	62
46-15-0005	6869385	1261857	4-67	4	293	19,225	3.41	655	30	15,190	3.34	508	6-72		44	811	.04	36	63
46-15-0005	6888962	1261857	5-67	4	303	18,093	3.52	636	27	15,665	3.33	522	5-72		44	624	.06	32	52
46-15-0005	7244504	1399283	10-68	2	301	22,325	3.10	693	31	15,295	3.43	524	5-72		40	964	-.08	22	58
46-15-0005	7832552	1450228	1-71	1	305	20,830	3.08	641	34	15,010	3.55	533	2-73		36	944	-.07	23	58
46-17-0003	6926504	1261857	6-67	3	298	17,370	3.76	653	11	13,140	3.75	493	1-72		42	758	.06	37	62
46-19-0001	7192468	1504086	2-67	2	302	21,380	3.61	771	20	15,585	3.58	558	5-72		25	758	.00	28	54
46-23-0029	6613883	1457318	5-66	4	302	20,110	3.57	717	17	16,425	3.65	600	12-72		36	768	.00	29	56
46-26-0009	6948406	1458744	10-67	3	283	17,676	4.07	719	30	15,116	3.80	575	7-72		42	692	.04	31	54
46-26-0009	6948407	1458744	10-67	2	305	18,040	3.73	673	33	15,155	3.71	562	5-72		40	703	.00	25	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
46-26-0009	7421633	1427381	10-69	1	305	20,100	4.26	857	47	14,080	3.74	526	7-72	36	1,151	.09	56	$ 94
46-26-0009	7564358	1427381	1-70	1	305	17,850	4.15	740	47	14,080	3.74	526	7-72	36	983	.08	48	80
46-26-0009	7593833	1427381	1-70	1	305	19,760	4.36	862	47	14,080	3.74	526	7-72	36	1,125	.11	57	94
46-26-0018	6492973	1330987	1-66	4	301	20,057	3.08	617	19	15,602	3.44	536	3-72	44	819	-.03	25	54
46-26-0018	7669312	1427381	10-70	1	301	19,350	3.73	721	16	14,260	3.86	551	3-73	36	1,084	.04	45	82
46-26-0037	7187176	1427381	11-68	3	302	20,240	3.46	701	11	15,056	3.80	572	10-72	42	1,251	.00	45	89
46-26-0042	6170945	1329588	12-64	5	305	18,862	3.46	653	18	14,102	3.75	529	2-72	44	785	-.05	21	50
46-26-0042	7104621	1458744	3-68	3	294	18,903	4.09	774	20	14,920	3.81	569	12-72	42	851	.04	37	66
46-26-0051	6436755	1347065	5-65	5	305	21,036	3.47	730	10	15,068	3.58	539	12-72	44	846	-.04	24	55
46-26-0051	7111868	1517562	3-68	2	305	22,320	3.57	796	8	16,155	3.39	548	1-73	31	851	.00	30	60
46-26-0084	6985495	1386406	9-67	4	302	17,465	3.96	692	5	14,087	3.51	494	10-72	44	593	.08	33	52
46-29-0103	7011836	1458744	9-67	3	305	23,516	2.82	662	8	15,983	3.67	587	6-72	42	1,284	-.15	23	71
46-30-0100	6443171	1462196	10-65	5	300	23,158	2.98	689	15	16,088	3.58	576	6-72	37	1,420	-.16	25	79
46-37-0002	6728147	1469612	12-66	4	297	19,880	3.37	670	14	15,490	3.43	532	6-72	36	768	-.02	25	52
46-37-0002	7026578	1469612	2-68	2	304	22,495	3.50	788	11	15,655	3.44	539	12-71	32	950	.01	35	68
46-55-0008	6939407	1461986	8-67	4	298	20,433	3.42	698	9	16,118	3.84	619	11-72	33	973	-.08	22	58
46-55-0008	7286475	1461986	9-68	3	304	22,323	4.03	900	10	16,480	3.78	623	11-72	32	1,157	.05	49	88
46-57-0015	6789508	1438285	2-67	3	235	18,523	3.60	667	28	14,816	3.48	515	4-72 B	37	851	.00	30	60
46-57-0015	6904390	1483718	11-67	2	301	20,900	3.27	684	20	15,040	3.49	525	10-71 B	32	871	-.05	24	56
46-57-0103	7464871	1386406	1-70	2	289	17,445	3.85	671	18	12,460	3.66	456	2-73	40	662	.04	30	52
46-60-0001	6933943	1303076	2-64	5	305	20,520	3.95	811	15	15,908	3.85	612	7-72	40	648	.04	30	52
46-60-0001	6785435	1476852	4-67	4	305	21,208	3.78	801	17	16,883	3.80	641	2-73	30	727	.01	28	53
46-60-0007	7135809	1458744	8-67	4	305	20,080	3.65	732	10	17,545	3.78	663	1-73	44	763	-.02	24	51
46-60-0007	7200946	1458744	1-67	4	305	20,910	3.93	821	9	16,290	3.74	610	12-72	44	989	.03	41	75
46-60-0011	6831645	1330987	2-67	3	305	18,923	3.92	742	17	16,333	3.80	621	4-73	42	588	.06	31	50
46-60-0011	7351474	1507457	4-69	2	305	26,200	3.53	924	16	16,305	3.75	612	10-72	32	1,295	-.03	41	87
46-60-0036	7472858	1489981	8-69	2	305	16,965	4.06	688	19	12,880	3.98	513	11-72	40	512	.11	35	50
46-60-0036	7885248	1520034	11-70	1	305	20,440	3.91	800	20	12,600	3.95	498	11-72	34	914	-.03	28	61
46-60-0046	7374672	1489981	2-69	2	305	21,485	3.91	841	8	14,240	3.96	564	3-72	40	862	.10	47	74
46-60-0049	7486780	1486231	10-68	2	305	19,545	3.60	704	16	14,735	3.71	546	2-72	28	707	.00	25	50
46-60-0049	7699928	1486231	1-69	2	305	19,800	3.78	749	11	14,565	3.68	536	11-72	28	754	.03	31	57
46-61-0002	7276196	1491130	7-68	3	305	18,820	3.61	680	8	14,413	3.61	521	12-72	33	779	-.01	27	54
46-61-0002	7276197	1491130	7-68	3	300	19,303	3.45	666	8	14,046	3.60	506	12-72	33	883	-.04	26	58
46-61-0112	6473631	1377954	2-66	4	303	15,845	3.87	613	5	13,110	3.45	452	7-72	44	625	.06	31	51
47-01-0020	6421343	1320310	11-65	3	305	15,297	3.78	578	9	12,970	3.81	494	7-72	42	759	-.03	23	50
47-02-0007	6949224	1459664	10-67	3	305	19,706	3.56	702	16	13,063	3.79	495	4-73	33	756	-.02	24	51
47-02-0007	7237039	1427381	10-68	3	305	16,490	4.21	695	23	12,656	4.06	514	11-72	42	1,040	.07	49	83
47-02-0007	7237040	1427381	10-68	3	305	15,910	3.82	607	19	13,283	3.88	515	3-73	42	916	.04	39	70
47-02-0007	7237041	1427381	10-68	3	304	17,490	4.03	704	17	13,116	3.98	522	2-73	42	1,113	.06	50	87
47-02-0007	7532273	1427381	4-69	2	305	17,075	3.98	679	19	13,370	3.88	519	2-72	40	1,018	.06	46	80
47-02-0010	6925004	1450228	9-67	3	305	16,403	3.60	590	20	13,306	3.91	520	8-72	42	785	-.05	21	50
47-02-0010	6925005	1450228	10-67	3	305	19,300	4.11	793	19	13,480	3.86	521	7-72	42	1,102	.03	45	83
47-02-0010	6932006	1450228	10-67	3	305	15,730	4.17	656	15	13,636	3.84	524	5-72	42	677	.03	29	52
47-02-0018	6191532	1410740	11-64	6	305	20,160	3.29	663	31	13,938	3.77	526	1-73	38	962	-.11	17	53
47-02-0018	6884459	1323059	9-67	3	305	21,320	3.52	750	25	14,843	3.93	584	5-72	42	916	-.09	19	53
47-02-0018	6944609	1462196	2-67	3	305	25,353	4.56	1155	51	14,740	3.91	576	12-72	34	1,756	.13	85	143
47-02-0018	7767694	1450228	1-71	1	299	19,940	3.17	632	33	15,510	3.78	586	2-73	36	848	-.07	19	50
47-02-0020	7834762	1450228	1-71	1	305	17,250	4.18	721	16	13,830	3.81	527	3-73	36	748	.01	29	55
47-13-0008	7194676	1496543	8-68	2	305	23,320	3.41	795	9	14,705	3.65	536	11-72	29	1,103	-.04	33	73
47-13-0008	7622284	1496543	1-69	2	305	20,205	3.54	716	17	14,245	3.55	506	5-72	29	775	-.01	26	53
47-13-0022	6650782	1365058	9-66	3	304	21,717	3.57	776	17	14,373	3.50	503	7-72	42	1,012	-.03	31	67
47-20-0003	6874910	1386406	9-67	4	305	20,305	3.36	683	39	15,297	3.72	569	9-72	44	824	-.04	24	54
47-20-0003	6874911	1386406	9-67	4	301	18,352	4.11	754	40	15,552	3.71	577	11-72	44	558	.08	32	50
47-20-0003	7705957	1554689	10-70	1	305	23,360	3.66	854	30	16,500	3.58	591	1-73	19	688	.01	27	51
47-20-0054	7090793	1417208	2-68	3	305	18,657	4.06	758	12	14,360	3.63	521	8-72	42	808	.07	40	66
47-21-0036	7590006	1426597	3-70	2	305	20,295	3.70	750	31	14,815	3.72	551	4-73	40	741	.00	27	53
47-21-0036	7916693	1447414	8-70	1	305	19,090	3.69	704	58	13,440	3.91	526	1-73	36	1,010	-.03	31	67
47-27-0033	7177770	1472703	4-68	3	298	19,020	3.38	643	21	14,583	3.59	523	12-72	41	817	-.05	22	52
47-27-0033	7203029	1365341	11-68	3	300	18,510	3.44	637	10	14,960	3.54	530	3-73	42	875	-.03	27	58
47-27-0033	7465873	1365341	1-70	1	305	18,770	3.66	687	17	14,090	3.63	511	7-72	36	846	-.01	29	59
47-27-0033	7493084	1365341	12-69	1	305	20,480	3.36	688	15	14,060	3.65	513	6-72	36	975	-.04	29	64
47-27-0038	7337412	1365341	4-68	2	297	18,070	3.59	649	12	14,335	3.67	526	1-73	40	848	-.02	28	58
47-28-0002	7297830	1216082	8-67	4	300	19,432	3.31	643	47	14,412	3.59	518	10-72	36	822	-.04	23	53
47-28-0002	7331635	1496636	10-68	2	305	18,620	3.86	718	50	14,630	3.64	533	12-71	39	671	.06	34	56
47-28-0002	7562860	1216082	8-69	1	305	21,140	3.66	773	49	14,250	3.64	519	11-71	26	733	.01	28	53
47-28-0008	7142058	1415185	2-68	2	305	17,850	3.74	668	63	13,510	3.61	488	3-72	35	666	.05	32	54
47-28-0018	6827036	1480767	3-67	3	305	20,883	3.69	771	8	15,227	3.73	568	8-72	33	1,129	-.01	39	79
47-28-0018	7130211	1480767	3-68	3	305	18,420	3.94	726	10	14,263	3.84	548	12-72	33	904	.02	35	66
47-28-0018	7242003	1480767	1-68	3	305	17,930	3.76	674	9	14,477	3.81	552	10-72	33	816	-.01	28	57
47-28-0018	7408055	1493686	3-69	3	305	19,443	3.38	657	12	16,206	3.67	594	3-73	42	771	-.01	26	53
47-28-0018	7609648	1480767	11-68	2	305	17,050	4.07	694	9	14,090	3.84	541	7-72	30	712	.03	30	54
47-28-0036	6432306	1271075	9-65	5	305	17,888	3.75	670	14	14,484	3.87	560	1-73	44	821	.00	29	58
47-28-0058	7307073	1427381	3-69	2	305	21,945	3.34	733	37	14,500	3.54	513	7-72	40	1,420	.01	52	101
47-28-0058	7308740	1427381	1-69	3	298	17,670	3.38	597	30	15,426	3.49	539	3-73	42	921	.02	36	68
47-28-0058	7418944	1427381	9-69	2	305	19,405	4.08	792	35	16,275	3.47	565	12-72	40	1,019	.11	54	87
47-28-0058	7531506	1427381	4-70	1	296	18,790	3.94	741	43	14,800	3.43	507	6-72	36	1,010	.08	49	82
47-28-0058	7802283	1427381	1-71	1	305	21,920	3.62	794	26	16,350	3.31	541	4-73	36	1,151	.06	51	90
47-28-0058	7970272	1427381	7-70	1	305	17,130	3.81	652	41	14,880	3.50	521	9-72	36	882	.07	42	71
47-28-0075	7770126	1365341	5-70	1	305	18,020	3.42	617	23	14,390	3.72	536	8-72	36	772	-.03	23	51
47-28-0089	7232477	1501310	9-68	2	201	18,155	3.39	615	44	12,815	3.58	459	6-72 B	29	773	-.02	24	52
47-34-0010	7302762	1458744	12-68	1	305	20,230	3.37	681	34	15,220	3.39	516	2-73	36	807	-.02	26	55
47-34-0032	7548894	1399283	1-69	3	305	20,660	3.28	677	19	15,426	3.64	561	3-73	42	849	-.07	19	50
47-34-0058	6757779	1422258	10-66	4	305	22,050	3.58	790	14	15,937	3.84	612	7-72	41	760	-.01	26	53
47-34-0058	7538548	1435690	2-69	2	305	23,495	3.72	875	23	17,740	3.72	660	7-72	40	620	.08	34	54
47-47-0001	6756080	1458744	8-66	3	305	16,920	3.58	606	13	13,826	3.66	506	2-72	42	724	-.01	24	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
47-48-0003	7919165	1365341	4-70	1	305	19,910	3.44	685	16	13,940	3.66	510	8-72		36	939	-.03	29	$ 62
47-48-0005	7240418	1498471	10-68	1	305	18,910	4.13	781	83	14,320	3.73	534	12-71		23	671	.04	30	52
47-48-0005	7240420	1498471	10-68	2	305	19,425	3.46	679	97	14,585	3.74	546	9-72		29	850	-.05	23	04
47-48-0005	7474957	1523669	9-69	2	305	19,130	3.67	702	78	13,770	3.72	512	11-72		29	866	-.02	28	59
47-48-0005	7474958	1523669	10-69	1	305	22,500	3.04	683	85	14,350	3.74	537	12-71		23	989	-.11	19	56
47-48-0005	7517096	1523669	10-69	2	305	20,630	3.27	674	82	14,050	3.72	522	12-72		29	1,020	-.08	24	62
47-48-0012	6027145	1380032	6-63	6	293	18,898	3.77	713	17	14,781	3.87	572	3-73		37	839	-.02	27	57
47-48-0022	6877714	1483675	8-67	2	305	21,350	3.86	825	18	16,490	3.97	655	4-72		31	692	.02	28	52
47-48-0022	6898471	1406271	12-66	3	305	19,680	3.45	678	27	15,670	3.64	571	9-72		42	847	.00	31	60
47-48-0022	7344300	1383926	12-68	2	305	21,000	4.12	866	27	16,375	3.99	653	12-72	B	40	686	.07	35	57
47-48-0022	7964210	1483801	7-70	1	305	20,250	4.12	834	40	14,870	3.85	572	9-72		26	657	.04	30	52
47-48-0031	6258527	1406271	3-64	6	281	18,017	3.89	701	17	15,153	3.76	569	6-72		44	732	.06	36	60
47-48-0033	7286616	1261857	1-69	2	305	18,565	4.17	775	21	14,050	3.76	528	12-72		40	763	.11	45	69
47-48-0034	7203082	1498471	8-68	3	305	22,520	3.39	763	83	14,316	3.79	542	2-73		32	1,342	-.07	37	86
47-48-0034	7517097	1523669	10-69	2	305	19,985	3.32	664	57	14,020	3.79	532	3-73		29	945	-.08	21	56
47-48-0034	7689283	1427381	3-70	1	305	18,530	4.13	766	36	13,930	3.75	523	5-72		36	1,043	.08	50	84
47-48-0049	7610651	1447414	3-70	2	293	15,480	3.53	546	21	12,940	3.69	477	3-73		40	794	-.04	22	51
47-48-0052	6558474	1467178	3-66	5	287	19,436	3.79	736	19	16,668	3.35	559	9-72		35	565	.10	35	52
47-48-0052	7243929	1365341	10-68	2	283	17,560	3.74	657	24	14,370	3.88	557	11-71		40	793	-.02	26	54
47-48-0052	7456661	1406271	11-69	2	305	18,130	3.85	698	24	15,270	3.88	593	12-72		40	678	.04	31	54
47-49-0018	5588016	1228368	4-62	7	300	21,124	3.85	814	10	16,814	3.55	597	3-73		43	697	.08	38	60
47-49-0018	5706438	1228368	8-62	6	294	20,102	3.99	802	12	16,275	3.59	585	1-73		43	618	.10	38	57
47-54-0024	6932907	1365341	11-67	2	305	22,585	3.56	804	25	15,175	3.68	559	8-71		40	1,238	-.02	41	85
47-55-0005	7374874	1365341	8-69	2	305	16,415	4.13	678	64	12,440	3.71	461	11-72		40	834	.04	36	64
47-55-0005	7407780	1365341	8-69	2	305	20,200	3.37	680	59	12,955	3.65	473	3-73		40	1,176	-.05	35	77
47-55-0005	7463901	1365341	10-69	2	305	17,545	3.66	643	45	13,550	3.68	498	3-73		40	859	-.01	30	60
47-55-0005	7501562	1365341	10-69	1	305	16,450	3.96	651	62	11,510	3.71	427	8-72		36	826	.01	32	60
47-55-0005	7501563	1365341	10-69	1	305	20,980	3.49	732	36	14,460	3.82	552	4-72		36	988	-.04	30	65
47-55-0005	7529489	1365341	1-70	1	305	17,980	3.37	606	32	13,240	3.85	510	5-72		36	837	-.05	23	53
47-55-0005	7539753	1365341	12-69	1	305	18,500	3.82	707	62	11,510	3.71	427	8-72		36	979	.01	36	70
47-55-0005	7594524	1365341	1-70	1	279	16,410	3.84	630	62	11,510	3.71	427	8-72		36	823	.00	30	59
47-55-0005	7649763	1365341	8-70	1	305	21,140	4.15	877	30	13,130	3.50	460	4-73		36	1,079	.05	46	82
47-55-0112	6048144	1173577	2-64	6	304	22,380	2.97	664	68	16,968	3.49	593	1-72		43	989	-.15	12	50
47-55-0112	6770015	1441451	2-67	4	302	20,983	3.27	686	87	15,780	3.51	554	1-73		30	826	-.06	21	51
47-55-0112	6838767	1365341	5-67	4	302	21,625	3.08	665	83	15,797	3.49	551	11-72		44	1,197	-.08	30	74
47-55-0112	6838768	1365341	6-67	3	305	20,680	3.42	708	97	15,740	3.52	554	11-72		42	1,053	-.03	33	70
47-55-0112	6838769	1365341	6-67	2	305	19,405	3.22	624	91	15,870	3.50	556	11-71		40	859	-.05	23	54
47-55-0112	6955652	1365341	10-67	3	305	18,950	3.18	602	76	15,833	3.47	549	6-72		42	845	-.05	22	53
47-55-0112	7102251	1365341	6-68	3	296	19,200	3.39	650	92	15,653	3.54	554	9-72		42	890	-.03	27	59
47-55-0112	7102252	1365341	7-68	2	305	18,450	3.49	644	84	15,895	3.45	548	5-72		40	760	-.01	26	53
47-55-0112	7102253	1365341	7-68	2	305	22,200	3.23	717	82	15,815	3.50	553	7-72		40	1,147	-.05	33	74
47-55-0112	7120825	1365341	8-68	2	302	18,320	3.29	602	93	15,300	3.55	543	10-72		40	795	-.04	22	51
47-55-0112	7265086	1495135	12-68	2	305	20,260	3.87	784	92	16,195	3.45	559	2-72		37	729	.10	42	65
47-55-0112	7369791	1399283	11-68	2	305	23,390	3.08	720	85	16,340	3.45	564	3-72		40	987	-.09	21	58
47-55-0112	7504809	1495135	11-69	1	305	18,110	4.42	800	117	15,850	3.53	559	11-72		33	479	.14	38	51
47-55-0112	7637965	1447414	4-70	1	305	19,670	3.24	638	108	15,610	3.59	560	10-72		36	924	-.06	24	58
47-55-0112	7637966	1447414	5-70	1	305	20,840	3.52	734	115	15,710	3.55	557	11-72		36	1,005	-.03	31	67
47-55-0112	7637967	1447414	5-70	1	305	21,980	3.33	733	91	15,670	3.54	554	8-72		36	1,092	-.05	31	70
47-55-0112	7637968	1447414	6-70	1	305	18,310	3.64	667	115	15,710	3.55	557	11-72		36	817	-.02	26	55
47-55-0112	7717233	1447414	9-70	1	305	23,010	3.25	748	100	15,580	3.50	545	1-73		36	1,175	-.06	33	75
47-60-0026	6503622	1447427	8-65	5	305	18,154	3.62	658	26	11,546	3.52	406	10-72		37	913	.01	34	66
47-60-0026	6830618	1323059	3-67	3	305	19,990	3.06	612	29	12,116	3.55	430	8-72		42	1,014	-.12	17	55
47-60-0026	7042702	1415185	1-68	3	300	16,277	3.77	613	29	12,163	3.54	431	7-72		37	655	.06	33	54
47-60-0062	6668886	1452489	9-66	4	305	18,895	3.59	679	8	14,330	3.62	519	7-72		34	812	-.01	28	56
47-61-0011	6187768	1210507	1-64	5	305	19,580	3.45	676	44	15,292	3.90	596	3-72		44	939	-.12	15	51
47-61-0011	6682107	1416074	8-66	4	305	19,937	3.89	776	41	15,345	3.84	589	3-72		37	820	.00	29	58
47-61-0011	7082132	1365341	12-67	3	305	18,350	3.93	722	54	14,393	3.95	568	1-73		42	909	.01	34	65
47-61-0011	7141031	1365341	7-68	2	305	19,920	4.06	809	49	14,670	3.97	583	2-72		40	1,009	.02	40	75
47-61-0011	7452734	1468098	10-68	3	305	19,850	3.90	774	46	13,976	3.99	558	2-73		39	670	.05	32	54
47-61-0050	6742942	1359626	9-66	4	305	23,385	3.38	791	42	16,430	3.67	603	6-72		44	1,004	-.06	27	63
47-61-0050	6746361	1464510	8-66	4	300	22,297	3.97	886	38	16,712	3.60	602	12-72		42	1,010	.04	42	76
47-61-0050	6781707	1433304	2-67	4	305	22,923	3.23	741	30	16,530	3.71	613	5-72		35	1,027	-.10	21	59
47-61-0052	7122926	1265694	11-66	4	305	21,303	3.61	770	20	16,268	3.78	615	3-73		43	956	-.08	22	57
47-61-0052	7563219	1449357	11-68	2	305	21,640	4.15	898	23	17,235	3.81	657	12-72		35	581	.14	42	59
47-69-0005	7047235	1365098	10-67	3	288	24,020	2.76	664	22	14,337	3.65	524	6-72	B	42	1,283	-.19	16	66
47-69-0005	7263350	1365341	2-68	2	305	20,070	3.35	672	28	16,745	3.33	557	1-72		40	855	-.02	28	58
47-70-0019	7322427	1365341	2-69	2	299	17,535	4.23	742	28	15,300	3.58	547	3-72		40	715	.07	36	59
47-70-0019	7635304	1365341	11-69	1	305	19,940	3.18	634	24	15,040	3.76	565	6-72		36	876	-.06	22	54
47-70-0019	7705307	1365341	5-70	1	305	20,340	3.90	794	30	15,290	3.71	567	4-72		36	891	.01	34	65
47-70-0076	7531662	1501310	3-70	1	305	19,930	3.55	707	17	13,730	3.55	487	9-72		24	733	.00	26	52
47-70-0108	7977014	1458744	9-70	1	305	17,910	3.60	644	8	11,510	3.63	418	2-73		36	856	-.01	29	59
47-71-0010	7077426	1365341	3-68	3	297	21,363	3.34	713	17	14,680	3.79	556	5-72		42	1,229	-.06	34	78
47-71-0061	7139213	1365341	8-68	2	305	18,510	4.20	777	14	13,955	3.85	537	8-72		40	924	.04	40	71
47-74-0007	7665490	1447414	7-70	1	305	18,410	4.14	763	19	13,540	3.73	505	6-72		36	953	.01	36	69
47-79-0030	5359775	1179372	1-61	9	286	18,932	3.41	646	8	14,330	3.56	510	7-72		44	766	-.01	26	53
47-79-0030	5898657	1217611	11-62	6	289	23,635	3.26	770	6	15,665	3.46	542	12-72		44	1,111	-.07	29	69
47-80-0012	7065452	1467006	5-68	2	305	18,930	4.13	781	23	14,045	3.88	545	9-71		38	886	.04	38	68
47-80-0012	7112647	1476466	9-69	2	305	21,280	3.59	764	25	14,365	3.83	550	8-72		34	923	-.04	27	60
47-80-0012	7514766	1210507	3-70	2	293	20,615	3.35	690	13	14,940	3.67	549	3-73		40	974	-.12	17	54
47-80-0037	8000490	1365341	11-69	2	278	18,995	3.16	600	11	15,805	3.51	555	12-72		40	823	-.06	21	51
47-80-0044	7047207	1512853	4-68	3	305	19,953	3.53	705	8	14,286	3.56	509	6-72		33	1,045	-.02	35	72
47-80-0044	7515992	1416669	8-69	2	305	22,140	3.82	846	13	14,415	3.62	522	11-72		40	824	.10	45	71
47-88-0010	7365841	1365341	8-68	3	304	21,213	3.37	714	31	15,966	3.77	602	12-72		42	1,093	-.07	29	69
47-88-0010	7569735	1365341	9-69	1	305	18,860	3.99	753	29	15,380	3.83	589	7-72		36	775	.01	30	57
47-88-0010	7628453	1383926	9-68	1	305	22,190	3.76	835	34	14,690	3.89	571	9-72		36	753	.03	31	57

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
47-93-0036	7424187	1467006	8-68	3	304	18,356	3.85	707	9	13,516	3.87	523	11-72		40	921	.01	34	$ 66
48-02-0001	6534720	1466179	4-66	4	305	20,295	3.35	680	14	14,772	3.45	509	10-71		39	1,188	-.04	36	78
48-02-0001	6695098	1466179	7-66	4	295	23,417	3.16	739	30	16,537	3.30	546	2-72		39	1,416	-.07	40	91
48-02-0001	6695099	1466179	8-66	4	302	19,657	3.29	647	16	14,677	3.46	508	6-72		39	1,114	-.05	32	72
48-02-0001	6695103	1466179	9-66	4	305	21,380	3.51	751	23	15,802	3.45	545	11-72		39	1,223	-.01	42	85
48-02-0001	6695104	1466179	1-67	4	299	19,822	3.30	654	23	15,660	3.41	534	3-73		39	1,031	-.05	30	67
48-02-0001	6753389	1466179	11-66	4	297	18,380	3.60	661	29	16,502	3.30	545	2-73		39	750	.02	30	56
48-02-0001	6868421	1333409	10-65	5	297	21,802	3.66	799	30	17,428	3.55	619	11-72		36	849	.04	36	65
48-02-0001	6955302	1466179	4-67	3	305	21,800	3.20	698	25	16,080	3.38	543	1-72		38	1,212	-.06	34	78
48-02-0001	6955303	1466179	8-67	3	305	18,753	3.50	656	30	16,303	3.36	548	12-72		38	810	-.01	28	56
48-02-0001	6955304	1466179	1-68	3	305	17,816	3.42	609	15	15,566	3.46	539	8-72		38	767	-.03	23	50
48-02-0001	7110355	1466179	7-68	2	305	20,175	3.22	650	23	15,890	3.31	526	4-73		35	977	-.05	28	63
48-02-0001	7282686	1466179	11-68	3	305	20,986	3.38	709	25	15,856	3.46	548	12-72		38	1,133	-.04	35	75
48-02-0001	7282688	1466179	1-69	2	305	22,650	3.05	690	25	17,485	3.20	560	3-72		35	1,108	-.06	30	70
48-02-0001	7428360	1466179	3-69	2	305	17,885	3.42	612	21	15,370	3.47	533	3-73		35	772	-.02	24	52
48-02-0001	7428361	1466179	4-69	1	305	21,120	3.29	694	24	16,370	3.40	557	12-71		31	930	-.04	27	60
48-02-0001	7491309	1466179	8-69	1	305	23,600	3.24	764	28	17,030	3.29	561	1-72		31	1,089	-.04	33	72
48-02-0001	7567805	1466179	10-69	1	305	24,070	3.29	793	17	17,660	3.24	572	4-72		31	1,087	-.03	35	74
48-02-0001	7567A09	1466179	1-70	1	305	20,370	3.32	676	17	17,660	3.24	572	4-72		31	785	-.02	25	53
48-02-0022	6753391	1466179	1-67	4	305	21,075	3.66	771	7	14,957	3.68	550	11-72		39	1,272	-.01	44	89
48-02-0022	7017290	1466179	9-67	4	303	20,072	4.11	824	6	17,232	3.57	615	2-73		39	897	.08	44	73
48-02-0022	7718673	1467193	2-70	1	305	25,140	3.29	828	11	16,420	3.85	632	7-72		25	859	-.08	19	51
48-02-0067	7381832	1427381	8-69	1	305	16,520	3.54	584	24	12,320	3.56	438	3-72		36	989	.03	41	75
48-02-0067	7552531	1427381	1-70	2	305	18,215	3.56	648	30	11,715	3.56	417	3-73		40	1,268	.03	51	94
48-03-0087	7045754	1466179	2-68	3	302	17,926	3.03	543	39	13,230	3.43	454	11-72		38	1,013	-.08	24	61
48-03-0106	6469463	1330987	8-65	5	301	17,266	3.65	630	26	13,846	3.37	467	6-72		44	662	.06	33	55
48-03-0118	6544638	1357743	12-65	5	303	21,914	3.20	701	30	13,958	3.36	469	11-72		44	1,102	-.07	29	69
48-03-0118	6827729	1357743	10-66	5	305	20,580	3.23	665	27	12,966	3.42	443	2-73		44	1,032	-.06	27	65
48-04-0021	6868422	1333409	10-65	4	305	20,970	3.71	777	21	18,088	3.42	619	2-73		35	631	.05	31	52
48-04-0021	6868423	1333409	10-65	5	301	22,496	3.08	694	18	18,150	3.52	638	2-73		36	866	-.08	18	50
48-04-0021	7282691	1466179	3-69	2	301	21,505	3.25	699	19	17,485	3.19	558	2-73		35	983	-.03	31	66
48-05-0003	6994931	1458744	11-66	4	299	19,985	3.14	628	13	16,367	3.30	540	4-72		44	867	-.05	24	55
48-05-0003	6994937	1458744	8-67	4	305	21,092	3.00	633	12	16,850	3.35	564	3-73		44	956	-.08	22	57
48-05-0003	7996972	1458744	2-70	1	303	20,340	3.82	778	18	15,920	3.67	585	11-72		36	774	.01	29	56
48-05-0076	7491940	1427381	8-69	2	305	16,910	3.29	557	12	14,495	3.46	501	1-73		40	910	.01	35	66
48-07-0019	7324304	1487577	10-68	2	305	19,730	3.60	711	14	15,430	3.49	538	5-72		30	649	.03	28	50
48-07-0019	7805814	1320310	9-70	1	305	21,290	3.36	716	13	15,580	3.49	544	2-73		36	1,023	-.06	28	65
48-07-0019	7805815	1320310	10-70	1	305	20,240	3.33	673	13	15,580	3.49	544	2-73		36	945	-.06	25	59
48-08-0003	5637427	1388721	6-62	7	305	23,587	3.93	928	40	15,414	3.80	585	7-72		44	824	.04	36	64
48-08-0003	6781786	1425137	1-67	4	295	21,333	3.80	811	46	16,535	3.66	605	4-72		44	669	.02	27	50
48-08-0003	6887687	1483723	4-67	4	305	24,507	3.41	836	38	15,757	3.68	580	6-72		37	1,417	-.05	43	94
48-08-0003	6887695	1282185	7-67	4	305	22,378	3.99	893	59	16,455	3.77	620	2-73		44	808	.04	36	63
48-08-0003	6944577	1483844	9-67	3	300	22,303	3.60	802	46	16,046	3.72	597	7-72		42	827	-.02	27	56
48-08-0003	7238227	1365341	10-68	3	305	23,903	3.88	928	61	16,900	3.79	640	2-73		42	1,317	.02	51	96
48-08-0003	7245170	1458744	6-68	3	305	21,123	3.83	810	49	16,186	3.79	613	10-72		42	990	.02	38	72
48-08-0003	7246387	1483723	1-69	2	305	29,145	3.54	1032	37	16,360	3.67	601	5-72		34	1,689	-.02	58	117
48-08-0003	7482887	1347940	11-69	2	305	21,850	3.84	839	64	17,065	3.79	646	12-72		40	1,003	.02	39	73
48-08-0003	7510721	1355784	1-70	1	305	22,670	3.52	799	48	18,090	3.63	656	3-72		35	881	-.08	20	53
48-08-0003	7619542	1450228	2-70	1	305	24,030	4.17	1001	58	15,280	3.80	580	8-72		36	1,166	.03	47	87
48-08-0003	7691665	1458744	8-70	1	305	22,540	3.73	840	64	16,360	3.83	627	12-72		36	912	-.01	31	63
48-08-0003	7705482	1427381	1-70	2	305	26,935	3.81	1025	59	16,895	3.73	630	2-73		40	1,732	.06	72	131
48-08-0003	7712785	1365341	9-70	1	305	20,390	3.62	739	51	15,610	3.89	607	10-72		36	876	-.03	27	50
48-08-0003	7723017	1458744	10-70	1	305	22,450	3.71	834	61	16,580	3.81	632	2-73		36	892	-.01	30	61
48-08-0003	7832128	1535539	12-70	1	305	23,400	3.74	875	50	16,230	3.79	615	3-73		24	637	.04	29	50
48-08-0003	7863500	1464901	2-70	1	305	19,990	3.90	779	66	16,560	3.83	634	12-72		34	844	-.01	29	59
48-08-0038	7220028	1496636	6-68	3	305	18,626	3.11	580	98	14,696	3.07	451	2-73		41	710	.01	27	52
48-08-0038	7666287	1427381	2-70	1	305	19,700	2.92	576	101	13,700	3.22	441	11-72		36	1,144	.00	41	81
48-10-0016	6761592	1261857	11-66	4	305	19,950	3.31	661	35	14,653	3.68	539	11-72		44	953	.00	34	67
48-13-0020	7540008	1493686	11-69	1	305	19,640	3.55	697	28	13,140	3.62	476	8-72		36	861	.03	35	64
48-13-0051	6751105	1474780	10-66	3	305	18,983	3.52	668	11	15,453	3.62	560	2-72		34	763	-.01	26	53
48-13-0051	6947330	1474780	9-67	2	305	19,750	3.53	697	21	14,330	3.61	518	9-71		32	908	-.01	31	63
48-13-0051	6947334	1474780	11-67	4	305	18,827	3.42	644	12	15,487	3.62	560	2-73		36	765	-.03	23	50
48-13-0065	6883474	1347065	8-67	3	305	21,626	3.56	770	22	15,503	3.59	557	3-73		42	791	-.02	25	53
48-14-0020	6334169	1427112	3-65	5	305	21,472	3.33	714	10	17,130	3.71	635	1-72		37	928	-.11	17	52
48-14-0020	6682904	1427112	9-66	4	305	22,563	3.42	772	9	18,620	3.64	678	7-72		36	890	-.08	20	53
48-14-0020	6947332	1474780	9-67	3	295	21,123	3.59	758	14	16,543	3.68	609	11-72		34	929	.00	33	65
48-14-0020	7153392	1473709	3-68	3	305	22,380	3.70	829	12	17,330	3.73	646	11-72		42	762	-.02	24	51
48-14-0030	7860003	1276654	7-64	3	305	23,167	3.56	824	14	17,563	3.77	663	2-73		42	830	-.02	26	56
48-14-0030	7860048	010288790	8-67	3	300	19,396	3.92	761	14	17,183	3.75	644	1-73		41	603	.09	36	55
48-14-0045	7152546	1458744	8-67	3	299	19,443	4.03	783	9	14,590	3.88	566	4-72		42	944	.03	39	71
48-14-0045	7152547	1458744	10-67	2	305	19,405	3.47	674	9	14,080	3.88	547	10-71		40	929	-.04	27	60
48-14-0051	7478476	1521454	10-69	1	305	25,540	3.29	839	29	15,890	3.72	591	11-71		24	1,172	-.05	34	76
48-14-0051	7620154	1458744	4-70	1	305	17,980	3.83	689	11	14,480	3.45	499	4-73		36	684	.02	20	51
48-14-0051	7659057	1521454	3-70	1	305	19,200	3.62	695	16	14,430	3.76	543	11-72		24	711	.00	25	50
48-14-0066	7151622	1427381	8-68	3	305	19,680	4.24	835	9	18,143	3.88	704	12-72		42	903	.10	48	77
48-14-0066	7433970	1521454	8-69	2	305	20,745	4.04	839	7	17,330	4.03	698	1-73		30	740	.03	31	56
48-14-0107	7294505	1374286	10-68	3	303	21,733	3.14	682	12	16,706	3.54	592	3-73		39	1,107	-.12	21	63
48-14-0107	7657649	1427381	7-70	1	305	18,930	3.53	669	31	15,720	3.63	570	11-72		36	966	.03	40	73
48-14-0133	7313828	1496636	10-68	3	305	17,346	3.98	690	11	15,100	3.40	514	9-72		41	522	.10	34	50
48-14-0133	7892380	1450228	10-70	1	305	22,450	2.96	664	21	17,110	3.25	556	2-73		36	940	-.07	23	57
48-16-0036	6713174	1234506	11-66	4	305	23,203	3.01	699	23	15,190	3.59	546	11-72		44	1,203	-.15	19	65
48-19-0021	7607843	1439097	6-70	1	305	22,780	3.24	737	17	16,110	3.53	569	8-72		35	835	-.04	24	54
48-19-0021	7737154	1439097	8-70	1	305	23,990	3.12	749	11	16,940	3.34	565	6-72		35	877	-.04	25	57
48-19-0045	7888147	1447414	2-71	1	305	15,080	3.67	554	23	12,650	3.71	469	4-73		36	758	-.03	23	50
48-19-0045	7888149	1450228	12-70	1	305	16,740	3.60	603	34	13,130	3.69	484	2-73		36	751	-.03	23	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
48-19-0062	5938524	1416815	2-63	5	305	19,436	3.52	685	18	12,784	3.59	459	12-71		37	1,082	-.01	38	$ 76
48-20-0060	7627090	1439097	8-69	2	305	20,145	3.15	634	10	13,630	3.38	461	3-73		40	935	-.05	26	60
48-20-0063	7124761	1236789	9-68	3	304	16,096	4.52	728	17	13,846	3.67	508	7-72		42	529	.11	36	52
48-21-0001	7472210	1483720	7-69	2	305	18,375	3.48	639	35	14,715	3.66	539	11-72		31	835	-.05	22	52
48-21-0006	7155817	1454085	4-68	3	305	21,690	3.21	696	37	15,183	3.33	506	12-72		34	812	-.04	23	52
48-21-0006	8001212	1427381	5-70	1	305	19,280	3.22	620	55	15,110	3.43	518	10-72		36	1,028	.01	39	74
48-21-0006	8001214	1427381	1-70	1	305	21,610	3.22	696	42	16,010	3.54	566	1-73		36	1,148	.00	42	82
48-21-0006	8007317	1508569	5-70	1	305	22,260	3.51	781	39	15,630	3.48	544	12-72		28	876	.01	33	63
48-21-0027	6764991	1477266	4-66	3	302	17,360	3.51	609	5	11,136	3.48	388	2-72		32	796	.00	29	57
48-21-0098	7800393	1458744	6-70	1	305	19,350	3.17	613	39	13,350	3.39	453	10-72		36	853	-.04	25	56
48-22-0022	7509626	1496636	9-69	2	305	21,225	4.05	859	11	16,000	4.08	653	3-73		39	828	.05	38	66
48-22-0022	7621383	1496636	8-68	3	305	19,060	3.84	732	12	14,956	4.05	605	2-73		41	736	.03	31	56
48-22-0022	7836615	1427381	6-69	2	305	18,800	4.25	799	11	15,810	3.93	622	9-72		40	995	.09	50	82
48-22-0022	7999737	1383311	1-70	2	305	22,120	3.81	843	10	15,805	4.11	650	3-73		40	745	-.02	24	50
48-22-0037	7173337	1479824	6-67	4	301	21,030	3.89	819	13	14,742	3.66	540	3-73		43	833	.10	45	72
48-22-0037	7959278	1458744	9-70	1	305	20,810	3.24	674	15	15,470	3.78	584	1-73		36	836	-.06	21	52
48-22-0037	7959281	1458744	9-70	1	305	19,830	3.69	731	16	15,370	3.88	597	10-72		36	769	-.02	25	52
48-22-0038	7017360	1222994	3-68	3	305	20,230	3.33	673	16	15,927	3.38	539	2-72		42	780	-.01	26	54
48-22-0064	7364046	1330987	3-69	2	305	22,235	3.48	773	15	16,970	3.54	601	4-72		40	841	.02	34	63
48-22-0064	7484168	1427381	10-69	1	305	18,560	3.71	688	18	16,070	3.59	577	2-72		36	917	.05	41	72
48-23-0001	6898562	1450228	11-67	3	305	20,823	3.38	703	23	16,566	3.68	609	2-73		42	993	-.06	26	62
48-23-0023	6751413	1441048	2-66	5	302	21,526	3.72	800	21	14,820	3.63	538	1-73		44	854	.04	37	66
48-23-0023	7200128	1463314	3-68	3	296	23,583	3.60	848	22	17,536	3.55	623	2-72		39	773	-.03	23	51
48-23-0023	7835080	1447414	3-70	2	305	21,805	3.55	775	17	17,565	3.51	617	4-73		40	1,060	-.03	34	72
48-23-0042	7317329	1496636	12-68	2	305	19,480	4.23	824	31	15,330	3.83	587	5-72		39	702	.10	40	62
48-23-0042	7463583	1492486	7-69	2	290	20,665	3.62	748	40	14,490	3.84	557	10-72		39	1,105	-.11	23	64
48-23-0042	7549034	1426616	10-69	2	303	20,245	3.60	729	48	14,740	3.84	566	12-72		40	790	-.03	24	52
48-23-0046	6892933	1450228	11-66	4	305	19,497	3.86	753	11	17,307	3.93	681	6-72		44	785	-.01	26	54
48-23-0046	7290581	1367353	10-67	3	305	22,580	4.17	941	8	18,523	4.00	740	3-72		42	589	.08	33	52
48-24-0001	7154844	1496636	9-68	2	305	19,670	3.78	744	13	15,405	3.83	590	12-71		39	716	.04	32	56
48-24-0001	7154845	1234506	9-68	3	247	20,303	3.70	751	12	15,043	3.80	572	12-72	B	42	819	-.05	21	51
48-24-0001	7521701	1355784	10-69	2	179	21,085	3.58	755	7	17,375	3.67	637	3-73	B	40	888	-.07	21	54
48-26-0004	6444992	1418162	9-65	5	305	23,664	3.36	796	29	18,814	3.49	656	6-72		36	800	-.02	25	53
48-26-0004	6638596	1483340	4-66	5	303	22,270	3.61	803	34	18,444	3.52	650	9-72		38	749	.03	31	56
48-26-0004	6887376	1483720	5-67	4	295	20,520	3.46	711	51	18,057	3.54	640	10-72		35	824	-.04	23	53
48-26-0004	6927056	1483720	9-67	3	299	20,623	3.48	718	41	18,236	3.54	645	8-72		34	794	-.04	22	51
48-26-0004	6927059	1483720	12-67	3	301	21,853	3.39	740	40	17,793	3.54	629	9-72		34	1,003	-.06	27	63
48-26-0004	7085710	1483720	3-68	3	305	20,793	3.47	722	26	18,343	3.49	641	8-72		34	805	-.04	23	52
48-26-0004	7166119	1483720	6-68	3	300	20,460	3.55	726	45	17,436	3.55	619	8-72		34	857	-.03	26	57
48-26-0004	7166121	1483720	7-68	3	305	22,730	3.33	756	50	17,300	3.58	619	9-72		34	1,171	-.08	30	73
48-26-0004	7166122	1483720	7-68	3	302	20,666	3.56	735	51	17,660	3.57	630	10-72		34	861	-.03	26	57
48-26-0004	7190069	1483720	9-68	3	299	23,006	3.25	748	41	17,560	3.51	617	12-72		34	1,180	-.08	29	72
48-26-0004	7190070	1483720	10-68	2	305	23,015	3.33	766	43	17,855	3.51	627	1-72		31	1,084	-.07	28	68
48-26-0004	7323104	1483720	12-68	3	299	22,783	3.35	763	54	17,636	3.56	627	11-72		34	1,143	-.07	30	72
48-26-0004	7323105	1483720	1-69	2	305	22,590	3.20	722	21	17,505	3.52	616	6-72		31	1,067	-.09	24	63
48-26-0004	7397030	1483720	11-68	2	305	24,565	3.24	797	38	17,135	3.57	612	6-72		31	1,333	-.09	34	83
48-26-0004	7397032	1483720	3-69	2	305	21,765	3.36	731	29	18,160	3.55	644	12-72		31	909	-.06	23	56
48-26-0004	7397036	1483720	5-69	2	301	21,415	3.38	724	28	18,370	3.51	644	12-72		31	849	-.06	22	53
48-26-0004	7472207	1483720	5-69	2	305	22,815	3.38	772	20	17,895	3.48	622	6-72		31	1,057	-.05	30	68
48-26-0004	7472208	1483720	7-69	2	305	20,060	3.65	733	47	17,045	3.53	601	8-72		31	814	-.01	27	56
48-26-0004	7472209	1483720	7-69	2	305	23,855	3.03	723	39	17,600	3.51	618	1-73		31	1,206	-.12	24	69
48-26-0004	7521331	1483720	9-69	2	305	23,850	3.09	737	47	17,515	3.51	615	10-72		31	1,214	-.11	26	71
48-26-0004	7671097	1483720	5-70	1	305	21,360	3.31	708	17	15,870	3.42	543	5-72		26	933	-.05	25	59
48-26-0004	7671098	1483720	5-70	1	305	21,350	3.23	689	17	15,870	3.42	543	5-72		26	932	-.07	23	57
48-26-0004	7729775	1483720	3-70	2	294	21,260	3.04	646	39	17,540	3.45	606	12-72		31	908	-.11	16	50
48-26-0010	6970558	1483713	8-67	3	305	23,860	3.52	841	21	18,070	3.66	662	10-72		35	1,209	-.02	41	84
48-26-0010	6986751	1483713	10-67	4	305	22,362	3.45	771	23	18,452	3.73	689	1-73		37	1,009	-.04	30	66
48-26-0010	7044922	1483494	11-67	3	305	22,563	3.64	821	17	18,393	3.62	666	7-72		37	680	.04	30	53
48-26-0010	7044926	1483713	10-67	3	305	19,850	3.78	751	14	17,906	3.68	659	6-72		35	704	.02	29	53
48-26-0010	7092717	1483713	2-68	3	305	21,036	3.63	763	24	17,840	3.76	670	1-73		35	865	-.01	30	60
48-26-0010	7217512	1483713	6-68	2	305	21,420	3.52	753	15	18,265	3.77	688	4-72		32	828	-.02	26	55
48-26-0010	7217513	1483713	7-68	3	300	19,783	3.84	760	26	18,216	3.71	676	10-72		35	663	.03	29	51
48-26-0010	7293930	1483713	3-68	2	304	20,745	3.63	754	28	17,845	3.72	664	10-72		32	789	.00	28	56
48-26-0010	7293935	1483713	9-68	3	305	21,820	3.67	800	26	17,870	3.74	668	12-72		35	964	.00	35	69
48-26-0010	7298961	1483713	10-68	2	305	20,930	3.89	815	21	17,155	3.83	657	2-73		32	874	.03	36	66
48-26-0010	7576834	1483713	11-69	2	305	22,585	3.80	858	31	17,750	3.74	663	11-72		32	1,009	.02	40	75
48-26-0010	7767545	1483713	11-70	1	305	19,420	4.02	780	17	16,370	3.96	649	2-73		27	699	.03	29	53
48-26-0010	7812886	1492486	8-70	1	305	23,190	3.51	815	34	16,900	3.89	657	9-72		35	1,016	-.12	17	56
48-26-0010	7937490	1483713	10-70	1	111	20,150	4.04	814	30	16,760	3.84	643	11-72	B	27	735	.04	32	57
48-26-0010	7937494	1483713	11-70	1	305	19,120	3.96	757	28	16,490	3.89	642	12-72		27	665	.02	27	50
48-26-0033	7728440	1528959	2-69	2	305	18,125	3.66	663	35	14,000	3.76	527	11-72		30	716	.01	27	52
48-34-0010	7284960	1496636	12-68	3	305	18,526	4.03	747	33	16,373	3.58	586	10-72		41	541	.10	34	51
48-34-0010	7485589	1517981	11-69	2	305	23,680	3.09	732	35	16,385	3.61	591	12-72		40	948	-.12	16	52
48-34-0023	7157438	1496636	8-68	2	305	20,135	3.72	750	36	16,760	3.70	620	12-71		39	652	.04	30	52
48-34-0023	8318193	1450228	3-71	1	305	20,190	3.76	759	19	16,170	3.77	609	4-73		36	827	-.02	27	56
48-34-0062	7728997	1347940	2-70	1	305	19,880	3.25	646	51	15,770	3.36	530	11-72		36	821	-.02	27	56
48-34-0063	7235408	1515456	12-68	3	302	22,367	3.44	769	14	17,163	3.62	622	3-73		32	848	-.03	26	56
48-34-0063	7260090	1492486	11-68	2	305	21,720	3.44	747	18	17,495	3.65	639	5-72		39	966	-.12	16	53
48-44-0071	8190663	1406271	10-70	1	305	21,700	2.91	631	18	17,370	3.47	602	1-73		36	762	-.03	23	50
48-44-0133	7141398	1506975	9-68	3	298	21,493	3.79	814	13	16,760	3.62	607	1-73		32	889	.05	39	69
48-44-0133	7156242	1506975	6-68	3	305	22,910	3.54	812	13	17,066	3.60	615	2-73		32	1,049	.00	38	75
48-44-0149	7469877	1508569	8-69	2	304	18,175	3.55	645	35	14,360	3.61	519	10-72		33	707	.00	26	51
48-44-0164	7322816	1399283	1-69	2	305	24,075	3.11	749	22	17,395	3.50	609	5-72		40	971	-.10	20	56
48-45-0029	6762384	1367353	10-66	4	305	22,722	3.75	852	15	14,940	3.69	551	3-73		44	1,001	.04	43	77
48-45-0029	7519739	1505503	7-69	2	305	24,680	3.45	852	20	15,110	3.81	575	12-72		25	1,223	-.04	37	81

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
48-45-0065	7692312	1447414	2-70	1	305	17,050	3.38	577	32	13,610	3.78	515	11-72	36	848	-.05	22	$ 33
48-45-0081	7097415	1492486	7-68	2	288	21,330	3.12	665	9	14,430	3.50	505	8-71	39	1,179	-.15	19	64
48-46-0010	6100567	1404814	4-64	6	305	23,206	3.58	830	24	15,965	3.68	587	6-72	44	1,082	.01	41	78
48-46-0010	6855836	1493224	7-67	3	305	22,043	3.46	763	28	16,256	3.65	594	8-72	36	903	-.07	25	61
48-46-0010	7478537	1404814	2-70	2	221	21,930	3.43	753	29	16,320	3.62	590	3-73 B	40	726	.01	27	52
48-50-0030	6566488	1331709	1-66	5	290	21,062	3.16	666	64	14,778	3.58	529	3-72	44	1,023	-.10	21	59
48-50-0030	7578872	1432733	2-70	2	305	19,325	3.69	705	37	13,358	3.62	483	4-73	40	880	.00	32	63
48-50-0030	7578885	1447414	11-69	1	305	16,050	3.62	581	56	13,900	3.49	485	3-72	36	756	-.02	24	51
48-50-0030	7750621	1447414	6-70	1	305	15,260	3.72	568	33	11,930	3.55	423	6-72	36	815	-.01	27	56
48-68-0022	5998029	1408354	12-63	5	305	18,896	3.55	670	24	14,138	3.69	522	11-72	39	714	.01	27	52
48-71-0015	6572928	1369264	11-65	5	302	18,410	3.63	669	12	12,746	3.68	469	11-72	37	856	-.02	28	58
48-71-0059	7442102	1374286	10-69	1	305	20,160	3.28	662	12	14,970	3.62	542	4-72	33	913	-.09	19	53
48-71-0066	7090519	1512853	4-68	3	301	21,363	3.37	719	6	15,683	3.51	550	7-72	33	1,084	-.04	32	71
48-71-0066	7090520	1512853	4-68	3	305	18,310	3.53	646	7	15,236	3.47	528	7-72	33	725	-.01	25	50
48-72-0017	7618859	1406271	11-68	2	304	20,165	3.67	740	21	15,275	3.71	567	5-72	40	884	.03	37	67
48-75-0009	6910147	1458744	2-67	3	304	17,980	4.28	767	9	12,496	3.65	456	2-72	42	959	.08	41	78
48-77-0034	6667044	1458744	12-66	4	303	19,330	3.35	647	41	16,075	3.43	551	2-73	44	815	-.03	25	54
48-77-0034	6956750	1458744	12-67	3	303	22,933	3.10	710	40	17,040	3.22	549	2-72	42	1,120	-.05	32	72
48-79-0007	7488007	1513573	2-68	3	305	18,203	4.09	744	6	11,773	3.81	449	8-72	33	983	.07	47	79
48-79-0007	7488008	1513573	2-68	2	305	18,770	3.63	682	14	12,320	3.87	477	11-71	30	916	.00	33	65
48-79-0014	7274432	1392858	10-68	2	291	18,990	4.38	832	15	15,205	3.71	564	8-72	40	568	.12	38	55
48-79-0017	7023614	1406271	7-66	5	304	16,378	4.20	688	36	14,608	3.55	519	3-73	44	577	.12	39	56
48-79-0038	7472289	1527440	1-69	2	305	20,525	3.74	767	26	14,835	3.71	550	9-72	30	858	.01	32	62
48-79-0038	7472290	1527440	1-69	2	305	22,180	3.42	759	17	15,500	3.67	569	5-72	30	992	-.04	29	65
48-79-0038	7761287	1450228	11-69	2	296	20,405	3.81	778	22	16,330	3.75	612	2-73	40	923	-.01	32	64
48-79-0038	7770001	1527440	8-69	2	305	20,625	4.09	844	25	14,980	3.83	574	12-72	30	856	.05	39	68
48-79-0054	7496707	1528058	9-69	1	305	20,600	4.03	831	13	14,700	3.80	559	7-72	25	700	.04	31	54
48-79-0054	7735167	1528058	9-70	1	305	20,940	3.91	819	21	14,380	4.04	581	11-72	25	753	.01	28	54
48-80-0030	7130315	1512853	6-68	3	295	18,156	3.60	654	30	14,896	3.67	547	9-72	33	741	-.02	24	50
48-80-0030	7523987	1524454	9-69	2	300	21,095	3.36	709	30	15,320	3.65	559	10-72	31	839	-.05	22	53
48-81-0006	6992918	1483861	9-67	3	300	18,200	4.01	730	16	13,723	3.66	502	11-72	33	602	.08	34	53
48-81-0035	6921632	1450228	9-67	4	299	17,475	3.92	685	9	15,030	3.99	599	8-72	44	760	-.01	26	53
48-81-0035	6921634	1450228	9-67	4	305	19,060	3.73	711	11	15,057	4.00	603	8-72	44	953	-.03	29	63
48-81-0035	7283483	1450228	1-69	3	299	20,306	3.62	736	8	16,736	3.69	617	12-72	42	918	-.03	29	62
48-81-0035	7283484	1450228	1-69	3	301	21,256	3.59	763	5	17,100	3.72	636	2-73	42	994	-.03	31	66
48-81-0040	6992919	1483861	9-67	1	305	22,380	3.35	749	11	14,650	3.30	483	1-73	25	716	.01	28	53
48-81-0059	7647359	1534171	2-70	1	305	19,790	3.50	693	23	13,700	4.06	556	11-72	24	901	-.02	29	61
48-81-0059	7813196	1534171	9-70	1	305	18,330	4.34	796	16	13,900	4.04	561	12-72	24	757	.07	38	63
48-81-0061	7249289	1357743	10-68	3	305	24,990	3.57	892	23	16,800	3.70	622	12-72	42	1,087	-.04	33	72
48-81-0061	7536292	1392858	11-69	2	303	21,525	3.65	786	26	17,110	3.71	635	11-72	40	670	.03	28	51
48-81-0061	7536294	1427381	11-69	1	301	17,670	3.81	673	22	16,130	3.84	620	8-72	36	847	.04	37	65
48-81-0061	7623801	1517981	12-69	2	305	22,030	4.21	928	6	17,065	3.56	608	3-73	40	724	.06	35	59
48-81-0064	6688307	1458744	7-66	3	305	17,936	3.94	706	24	14,363	3.78	543	4-72	42	791	.02	32	59
48-81-0064	6688310	1458744	7-66	4	304	17,635	3.82	673	28	14,722	3.77	555	10-72	44	739	.01	28	54
48-81-0064	6876317	1388032	8-67	3	305	20,336	3.55	721	28	14,676	3.79	556	12-72	33	854	-.03	26	57
48-81-0064	6895570	1458744	1-67	3	305	20,623	3.67	757	24	15,090	3.83	578	1-72	42	1,033	-.01	38	71
48-81-0064	6895571	1458744	1-67	3	305	18,253	3.58	654	23	14,690	3.87	569	5-72	42	798	-.03	24	53
48-81-0064	6907134	1458744	8-66	4	305	19,125	3.56	681	28	14,218	3.76	534	9-72	44	974	-.03	31	66
48-81-0064	7356744	1374286	3-69	1	305	19,230	3.56	684	34	15,080	3.71	560	10-71	33	833	-.06	20	51
48-81-0073	7866119	1427381	11-70	1	305	17,040	3.83	653	29	12,520	3.92	491	9-72	36	1,016	.04	43	77
48-82-0012	6379209	1330987	3-65	5	301	16,508	3.76	620	9	13,008	3.92	510	7-72	44	651	.03	28	50
48-82-0016	6269133	1406271	3-65	6	305	18,507	3.50	647	20	15,932	3.60	573	1-73	44	715	.01	28	53
48-82-0016	6595944	1450228	8-66	4	305	18,810	3.50	658	22	16,087	3.53	568	6-72	44	820	-.02	26	55
48-82-0016	7062349	1473442	1-68	3	303	19,327	3.08	596	14	13,450	3.59	483	2-73	41	965	-.11	18	54
48-82-0016	7410347	1439097	6-69	2	290	20,095	3.71	745	30	16,350	3.67	600	10-72	40	708	.00	26	51
48-82-0016	7618858	1406271	11-68	3	299	18,673	3.70	690	22	16,247	3.53	574	4-73	42	678	.05	32	54
48-82-0016	7618988	1508569	9-68	2	305	22,500	3.53	795	21	16,675	3.54	590	3-72	33	989	.01	37	71
48-82-0026	6580205	1458744	4-66	4	305	16,782	4.04	678	25	14,097	3.89	548	9-72	44	696	.03	29	53
48-82-0026	7433687	1483048	7-69	2	292	17,320	4.06	703	18	13,710	3.88	532	12-72	34	654	.03	28	50
48-82-0026	7481153	1483048	10-69	1	305	19,270	3.91	754	23	14,310	3.79	543	4-72	28	696	.02	28	52
48-82-0036	7372174	1357743	3-69	2	305	22,950	3.22	738	27	15,235	3.60	549	10-72	40	894	-.08	20	53
48-82-0036	7423760	1427381	8-69	1	305	17,210	3.70	637	22	15,380	3.60	553	10-72	36	858	.05	39	68
48-82-0053	7069337	1491092	1-68	4	305	20,602	3.60	741	7	14,580	3.82	557	3-73	35	1,004	-.01	34	69
48-83-0042	6020457	1386730	10-63	6	305	19,571	3.65	714	23	14,016	3.76	527	3-72	43	841	-.01	20	58
48-86-0026	6339434	1380968	10-64	5	305	22,258	3.91	871	15	16,994	3.41	580	8-72	44	541	.10	34	51
48-86-0026	6630214	1451149	9-66	3	305	26,730	2.84	759	25	16,816	3.56	598	1-72	37	1,487	-.17	26	82
48-86-0026	6799284	1452394	8-66	4	295	20,870	3.64	760	21	16,403	3.47	570	12-72	35	757	.04	34	59
48-86-0026	7154859	1496636	9-68	2	305	23,200	3.49	809	27	16,160	3.53	571	11-72	39	1,019	.02	40	75
48-86-0028	7015268	1489812	9-67	4	305	24,387	2.64	643	23	15,440	3.49	539	3-73	43	1,226	-.19	14	62
48-88-0031	7340582	1478014	12-68	2	300	21,335	3.45	737	11	16,220	3.66	593	5-72 B	40	802	-.01	28	56
48-88-0054	6972998	1261857	7-67	3	305	21,947	3.48	764	16	17,530	3.72	652	7-72	42	881	.02	35	65
48-88-0054	7342414	1387978	7-68	2	305	21,690	3.94	855	11	18,075	3.75	677	2-73	40	881	.03	34	62
48-88-0075	7286242	1503709	4-67	3	305	21,590	3.46	747	11	14,957	3.65	546	5-72	29	955	-.03	30	64
48-88-0075	7906065	1458744	8-70	1	305	23,770	3.40	809	13	14,970	3.87	579	9-72	36	1,086	-.04	32	71
48-88-0095	7283476	1541325	9-68	3	305	20,550	3.85	791	12	16,000	3.66	585	10-72	29	688	.04	31	54
48-88-0099	6830162	1325923	8-66	5	305	22,688	3.46	786	13	16,160	3.53	570	3-73	43	1,076	-.06	29	68
48-88-0099	7713267	1447414	11-69	2	294	18,095	3.43	621	17	16,320	3.59	586	10-72	40	785	-.05	21	50
48-89-0008	6917990	1463216	7-67	4	305	22,108	3.91	864	19	17,220	3.75	645	3-73	43	674	.06	33	55
48-89-0008	6917991	1463216	8-67	4	305	22,538	4.22	950	23	17,048	3.78	644	1-73	43	744	.11	43	66
48-89-0009	6672006	1369144	9-66	4	305	18,522	3.74	692	53	13,275	3.85	511	12-71	37	696	.01	26	50
48-89-0013	6471361	1244009	8-64	7	304	19,800	3.31	655	12	14,168	3.60	510	10-72	44	1,061	-.08	26	65
48-89-0013	6606578	1244009	1-64	5	304	17,758	3.59	637	13	14,380	3.62	521	3-72	44	776	-.03	23	51
48-89-0013	6606579	1244009	1-64	6	303	18,278	3.67	671	12	13,891	3.61	502	8-72	44	893	-.02	29	61
48-89-0013	6970326	1244009	10-67	3	305	20,006	3.54	709	14	15,876	3.60	571	3-72	42	863	-.04	25	56
48-89-0013	7345029	1244009	11-68	3	305	21,193	3.33	705	15	16,560	3.62	599	3-73	42	937	-.08	22	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
48-89-0014	6573206	1320371	2-66	5	294	20,000	3.48	695	30	14,294	3.67	525	11-72	B	44	893	-.03	27	$ 59
48-89-0014	6690563	1475201	10-66	4	300	19,440	3.60	700	29	14,280	3.63	519	9-72	B	37	1,028	-.03	33	69
48-89-0014	7641953	1427381	11-69	2	233	21,630	3.72	804	23	15,490	3.69	571	2-73	B	40	1,308	.04	54	98
48-89-0014	7641954	1427381	3-70	1	305	18,380	3.80	699	28	15,160	3.56	539	5-72		36	958	.06	44	76
48-89-0015	6864719	1438247	6-66	5	305	19,834	3.41	677	38	14,190	3.64	516	9-72		37	816	-.03	24	53
48-89-0032	7647073	1427381	8-70	1	305	16,330	3.78	618	20	14,080	3.62	509	10-72		36	870	.06	40	69
48-89-0032	7766078	1450228	11-70	1	290	17,730	3.64	646	10	14,190	3.72	528	3-73		36	762	-.02	24	51
48-89-0091	7355377	1320310	4-69	2	300	19,375	3.68	713	16	14,255	3.65	521	10-72		40	1,061	-.03	34	72
48-90-0004	7187383	1505894	11-68	2	305	20,355	3.85	783	6	15,065	3.68	554	5-72		25	681	.04	30	53
48-90-0021	7246398	1508569	4-68	2	305	19,980	3.68	735	10	14,900	3.70	552	1-72		33	863	.01	33	63
48-90-0021	7544793	1427381	9-69	1	305	18,400	4.01	738	10	15,330	3.98	610	6-72		36	950	.06	43	75
48-90-0021	7544795	1531950	10-69	2	305	21,560	3.77	813	14	15,430	3.78	584	1-73		25	796	.02	31	58
48-90-0021	7607220	1508569	7-68	2	299	18,505	3.47	642	10	13,735	3.73	512	11-71		33	801	-.02	26	54
48-90-0021	7607222	1508569	8-68	2	305	18,025	4.00	721	8	13,655	3.83	523	9-72		33	754	.04	34	59
48-90-0021	7618991	1508569	5-69	2	303	19,260	3.59	692	10	14,105	3.79	534	12-72		33	854	.00	30	60
48-91-0004	7841347	1450228	2-71	1	170	22,750	3.33	758	32	18,250	3.46	632	4-73	B	36	894	-.04	26	58
48-91-0031	5825341	1271810	2-63	6	305	20,168	3.34	674	23	15,337	3.72	570	8-72		44	915	-.09	19	53
48-91-0031	6803715	1406271	3-67	4	298	19,203	3.48	668	25	15,140	3.71	561	11-72		44	868	.01	32	62
48-91-0031	7004419	1410117	10-67	3	305	22,633	3.48	787	24	16,407	3.57	586	2-72		42	788	.00	28	56
48-91-0031	7058305	1496636	1-68	3	301	19,283	3.48	671	23	15,566	3.64	567	12-72		41	705	.01	27	51
48-91-0031	7058314	1458744	5-68	3	300	20,866	3.25	678	22	16,560	3.63	601	1-73		42	926	-.07	23	57
48-91-0031	7781832	1458744	11-70	1	303	20,610	3.49	720	11	15,870	3.84	609	4-73		36	797	-.04	23	52
48-91-0037	6587165	1259069	7-65	5	305	20,036	3.83	767	15	15,698	3.61	567	4-73		44	708	.02	28	52
48-91-0054	6949600	1261857	11-67	3	299	18,727	3.56	666	16	16,020	3.50	561	4-72		42	649	.06	32	53
48-91-0054	7505037	1347940	10-69	1	305	19,100	3.47	662	12	16,180	3.37	546	5-72		36	739	.00	27	53
48-91-0054	7961753	1458744	11-70	1	305	19,920	3.19	635	25	14,510	3.71	538	1-73		36	827	-.06	21	51
48-91-0081	6280203	1244009	8-64	6	305	19,683	3.46	681	26	15,685	3.63	569	6-72		44	889	-.06	23	55
48-91-0081	6280204	1244009	1-65	6	303	20,435	3.44	703	38	15,550	3.71	577	10-72		44	1,000	-.07	25	62
48-91-0081	7532898	1397209	9-69	2	292	22,975	3.40	781	40	16,925	3.53	598	2-73		40	919	-.04	27	60
48-91-0081	7777653	1450228	11-70	1	305	22,160	3.29	730	45	17,110	3.53	604	1-73		36	918	-.05	25	58
48-92-0050	7074914	1406271	2-68	3	299	17,143	3.40	583	14	13,220	3.55	469	8-72		42	781	.01	30	57
48-92-0064	6726591	1458744	9-66	4	274	21,192	3.65	773	10	16,412	3.61	592	4-73	B	44	1,012	.00	36	71
48-92-0064	7461666	1517981	4-69	2	286	23,660	3.20	758	12	16,690	3.48	581	1-73	B	40	921	-.08	20	54
48-92-0069	7187322	1489916	10-68	3	304	20,053	3.31	664	14	14,393	3.54	509	2-73		33	824	-.05	22	52
48-92-0069	7513751	1525128	9-69	2	305	21,665	3.29	713	11	14,705	3.47	510	2-73		29	981	-.03	31	66
48-92-0081	7661245	1466757	5-70	1	305	17,900	3.64	652	10	13,740	3.62	497	5-72		34	729	-.01	25	51
48-93-0036	7959279	1458744	7-70	1	305	20,680	3.53	731	22	16,240	3.77	612	10-72		36	780	-.03	24	52
48-95-0010	6801629	1271810	8-66	4	305	19,878	3.35	665	11	15,098	3.62	547	9-72		44	879	-.07	20	52
48-95-0010	7180845	1210507	9-68	3	305	20,997	3.20	671	12	16,393	3.59	589	4-73		42	953	-.14	13	50
48-95-0010	7355537	1210507	11-68	3	305	21,797	3.45	751	13	16,507	3.63	600	1-73		42	1,036	-.10	22	61
48-95-0015	7273172	1374286	11-68	2	305	20,225	3.79	767	31	16,000	3.74	598	10-72		37	944	-.04	28	62
48-95-0043	7217414	1514126	9-68	2	305	18,065	3.74	675	12	14,005	3.69	517	3-73		29	688	.02	28	51
48-95-0043	7217415	1514126	9-68	2	305	18,145	3.70	671	20	13,180	3.69	487	9-72		29	778	.01	30	57
48-95-0043	7425581	1514126	7-69	2	305	18,398	3.51	645	23	13,445	3.70	498	11-72		29	782	-.01	26	54
48-95-0043	7535687	1514126	11-69	2	305	17,605	3.90	686	17	13,900	3.68	512	12-72		29	643	.05	30	51
48-95-0043	7535689	1514126	11-69	1	305	19,850	3.72	738	15	13,230	3.85	509	8-72		23	803	.01	30	58
48-95-0043	7535693	1514126	1-70	1	305	20,730	4.10	849	16	13,050	3.82	498	10-72		23	896	.06	41	71
48-95-0043	7535696	1514126	1-70	1	305	21,630	3.62	783	10	13,820	3.87	535	7-72		23	922	-.01	32	64
48-95-0062	7136753	1458744	7-68	2	305	18,960	3.63	688	11	14,055	3.55	499	11-71		40	886	.00	32	63
48-95-0062	7696791	1427381	10-70	1	305	16,960	3.79	642	15	12,100	3.67	444	10-72		36	1,035	.05	45	80
48-96-0011	5928272	1429893	11-63	5	305	22,720	3.45	783	25	15,672	3.66	573	7-72		34	1,264	-.05	38	83
48-96-0011	7326469	1483048	3-69	2	293	19,495	3.86	753	29	15,185	3.71	564	7-72		34	766	.02	31	57
48-96-0011	7378386	1427381	4-69	1	305	20,800	3.90	812	19	17,130	3.65	626	3-72		36	1,021	.07	47	81
48-96-0011	7378387	1427381	4-69	1	305	20,730	3.88	804	44	16,620	3.62	601	11-71		36	1,046	.07	48	83
48-96-0011	7440913	1427381	6-69	1	305	22,730	3.83	870	27	17,030	3.57	608	12-71		36	1,171	.07	53	92
48-96-0011	7559197	1427381	10-69	1	305	17,290	4.19	724	28	14,510	3.71	538	9-72		36	916	.08	46	76
48-96-0011	7559198	1427381	12-69	1	305	20,030	4.08	818	28	14,510	3.71	538	9-72		36	1,120	.08	53	90
48-97-0016	6500110	1324256	8-65	5	297	23,434	3.45	808	29	15,634	3.61	565	2-72		36	1,209	-.03	38	81
48-97-0016	6881625	1391173	7-67	2	305	24,445	3.57	873	24	16,670	3.60	600	3-72		40	973	-.03	31	66
48-97-0016	6881626	1391173	7-67	2	305	23,510	3.33	784	18	15,920	3.67	584	12-72		40	938	-.07	23	57
48-97-0016	7276844	1439097	1-69	2	305	24,660	3.44	848	17	16,415	3.66	601	12-72		40	1,168	-.04	36	78
48-97-0016	7582538	1439097	1-70	1	305	24,160	2.85	688	15	17,060	3.41	581	5-72		35	882	-.08	19	52
48-97-0030	7021543	1478014	10-67	3	305	20,227	3.68	745	25	15,447	3.61	557	11-72		42	815	.04	35	62
48-97-0030	7062233	1458744	11-67	3	305	18,820	3.42	643	27	15,420	3.59	554	9-72		42	796	-.03	24	52
48-97-0030	7723538	1458744	9-70	1	305	21,040	3.21	676	28	15,220	3.68	560	12-72		36	868	-.05	23	55
48-97-0030	7864209	1427381	11-69	1	305	21,230	3.21	681	30	16,630	3.58	596	4-72		36	1,083	.00	39	77
48-98-0008	7210290	1406271	6-68	3	300	20,120	3.55	714	17	16,453	3.54	582	10-72		42	826	.03	34	62
48-98-0008	7210291	1406271	7-68	3	305	22,270	3.31	737	18	15,907	3.53	561	12-72		42	1,123	-.01	39	78
48-98-0008	7588624	1500404	12-69	2	305	22,980	3.17	728	21	16,510	3.56	588	11-72		40	1,131	-.13	20	63
48-99-0027	6193243	1391173	10-64	5	305	24,354	3.40	828	33	16,680	3.47	579	10-72		44	1,183	-.04	36	78
48-99-0027	6431797	1243697	9-65	6	303	22,468	3.44	774	41	16,700	3.49	583	2-73		44	682	.01	26	50
48-99-0027	7216152	1439097	11-68	3	303	21,833	3.60	785	34	17,903	3.47	622	3-73		42	815	.01	31	59
50-10-0001	7652807	1441440	2-70	1	305	20,120	3.21	646	19	15,080	3.43	517	6-72		36	709	.00	25	50
50-10-0001	7652809	1427615	2-70	1	305	20,210	3.77	761	21	15,170	3.69	560	10-72		36	851	-.08	18	50
50-10-0007	6491285	1320310	10-65	6	301	20,905	3.21	671	13	16,402	3.69	606	1-73		44	1,138	-.11	24	66
50-10-0007	6746307	1300014	12-66	4	305	22,093	3.34	737	12	16,200	3.65	592	9-72		44	1,001	-.11	19	57
50-10-0007	7313013	1415405	2-69	3	305	22,900	3.78	866	16	17,030	3.65	621	1-73		42	883	.00	32	63
50-10-0007	7804941	1383247	12-70	1	305	23,620	3.76	888	18	16,230	3.55	576	1-73		36	786	-.02	25	53
50-10-0013	6275394	1320310	2-65	6	300	17,327	3.55	615	20	13,380	4.04	541	8-72		44	988	-.08	23	59
50-10-0014	5914962	1189870	7-63	7	305	20,143	3.55	716	29	15,553	3.58	557	8-72		44	771	.01	29	56
50-10-0014	6464068	1320310	9-65	6	304	17,915	3.49	626	32	15,853	3.51	556	2-73		44	809	-.04	23	52
50-10-0014	6893560	1320310	9-67	3	305	20,047	3.16	634	37	16,150	3.46	558	9-72		42	1,013	-.09	23	60
50-10-0074	6699687	1320310	10-66	5	294	18,246	3.75	684	47	15,078	3.74	564	10-72		44	931	-.02	30	63
50-10-0074	6954083	1320310	9-67	4	298	18,985	3.52	669	38	16,545	3.69	610	1-73		44	867	-.05	23	55
50-10-0074	7217354	1399824	9-68	2	305	18,200	4.23	769	18	15,420	3.68	567	6-72		40	614	.09	36	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BDPN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
50-10-0074	7335928	1320310	12-68	2	305	19,245	3.20	615	33	15,635	3.75	586	7-72		40	935	-.09	19	$ 54
50-10-0082	7175067	1399824	3-68	3	298	16,617	3.27	543	17	12,067	3.59	433	10-72		42	769	-.02	24	51
50-10-0082	7567415	1441440	11-68	2	303	18,005	3.49	629	13	14,140	3.42	483	3-73		40	689	.03	29	52
50-10-0084	7100955	1399824	9-67	3	305	19,830	3.37	668	28	16,347	3.50	572	1-72		42	745	-.01	26	52
50-10-0084	7124284	1399824	10-67	3	305	21,593	3.11	671	18	16,450	3.43	564	4-72		42	938	-.04	27	61
50-10-0084	7124285	1399824	8-68	3	295	21,590	2.83	610	32	16,643	3.60	599	1-73		42	920	-.10	17	52
50-10-0084	7127986	1399824	9-68	2	305	21,220	3.80	806	26	16,065	3.49	560	6-72		40	868	.06	40	69
50-10-0084	7755681	1458744	8-70	1	305	20,710	3.73	772	25	17,550	3.71	651	1-73		36	704	.00	25	50
50-10-0084	7896664	1441440	7-70	1	305	21,810	3.07	670	56	15,750	3.73	588	10-72		36	795	-.04	23	52
50-10-0085	6735815	1441440	9-66	4	297	17,117	3.80	651	18	13,347	3.69	493	2-72		44	723	.05	33	57
50-10-0085	7283694	1320310	7-68	3	305	16,547	3.71	614	24	13,147	3.72	489	1-73		42	807	-.03	27	59
50-10-0085	7283695	1320310	9-68	3	292	15,290	3.95	604	26	12,923	3.72	481	12-72		42	763	.00	27	54
50-10-0085	7283697	1320310	2-69	2	305	15,680	3.94	618	18	13,905	3.65	508	2-73		40	714	.00	25	50
50-10-0087	6743787	1399824	9-66	5	304	24,240	3.31	802	20	19,254	3.66	704	11-72		44	1,057	-.04	31	69
50-10-0087	6806281	1441440	11-66	4	298	22,740	3.30	750	16	19,512	3.64	711	1-72		44	809	-.04	23	52
50-10-0087	7016285	1441440	12-67	3	305	22,886	3.24	742	23	18,943	3.56	675	9-72		42	849	-.03	26	56
50-10-0087	7152959	1427615	3-68	3	305	25,647	2.96	758	23	18,943	3.56	675	9-72		42	1,295	-.20	15	65
50-10-0087	7152963	1399824	9-68	2	305	24,970	3.34	835	17	20,290	3.49	708	2-72		40	905	-.01	31	63
50-10-0087	7356688	1399824	12-68	2	305	24,655	3.72	918	19	18,545	3.47	644	6-72		40	1,015	.05	45	79
50-10-0087	7760721	1427615	7-70	1	305	23,550	3.52	829	23	17,190	3.48	598	7-72		36	979	-.09	21	57
50-10-0087	7793764	1526128	9-70	1	305	24,230	3.12	756	16	20,080	3.59	721	11-72		33	1,127	-.14	19	62
50-10-0095	5507868	1189870	3-62	7	298	20,271	3.77	765	12	13,856	3.70	512	3-73		44	963	.03	40	73
50-10-0095	6246482	1320310	10-64	6	301	19,000	3.56	677	16	13,242	3.80	503	7-72		44	1,218	-.06	35	79
50-20-0005	6844134	1320310	7-67	3	305	17,443	3.51	612	8	13,870	3.61	501	3-72		42	923	-.05	26	59
50-20-0021	7006971	1399824	11-67	3	305	19,007	3.64	691	54	15,923	3.46	551	7-72		42	689	.04	31	54
50-20-0021	7229184	1512026	1-69	2	305	20,605	3.41	702	45	15,930	3.38	539	5-72		39	942	-.02	31	64
50-20-0021	7229186	1441440	10-68	3	299	18,163	3.58	651	54	14,620	3.58	523	10-72		42	704	.02	29	53
50-20-0023	6540538	1347940	11-65	2	305	21,480	3.30	708	53	16,745	3.59	601	8-72		40	991	-.04	30	65
50-20-0023	7346349	1309574	7-69	2	305	24,330	3.47	844	39	17,575	3.62	636	11-72		40	953	.02	37	70
50-20-0023	7401895	1399824	4-69	2	305	23,190	3.22	746	53	17,175	3.59	617	9-72		40	978	-.04	29	64
50-20-0023	7454127	1399824	8-69	2	305	25,605	3.45	883	30	18,470	3.58	662	1-73		40	1,118	.00	40	79
50-20-0023	7469001	1427615	11-69	2	305	24,650	2.65	653	45	17,670	3.63	641	12-72		40	1,210	-.24	6	54
50-20-0023	7469002	1427615	11-69	2	305	25,665	3.07	788	51	18,050	3.63	656	1-73		40	1,282	-.18	18	67
50-20-0034	6632339	1320310	6-66	5	293	18,070	3.65	659	12	14,096	3.71	523	11-72		44	1,010	-.03	31	67
50-20-0034	7141287	1320310	6-68	3	305	18,170	3.66	665	23	14,573	3.71	541	9-72		42	942	-.04	28	62
50-20-0034	7141288	1320310	6-68	3	297	16,513	3.85	635	19	14,677	3.70	543	10-72		42	742	-.01	28	51
50-20-0034	7167742	1320310	8-68	3	301	17,807	3.71	660	17	14,860	3.76	558	11-72		42	874	-.04	26	57
50-20-0034	7167743	1320310	8-68	3	303	17,080	3.76	642	23	14,563	3.75	546	9-72		42	818	-.03	25	54
50-20-0034	7418731	1427615	8-69	1	305	21,080	3.58	754	15	14,740	3.67	541	6-72		36	941	-.10	18	53
50-20-0073	6165033	1199324	1-63	7	298	16,553	3.64	602	19	13,203	3.64	481	3-73		44	817	-.01	28	57
50-20-0073	6488316	1199324	2-64	5	287	16,684	3.62	604	14	13,408	3.55	476	3-73		44	813	.00	29	57
50-20-0134	6845184	1309574	6-67	3	305	21,323	3.70	788	20	16,740	3.66	612	4-72		42	777	.05	36	62
50-20-0134	7212562	1427381	10-68	3	304	20,086	3.79	762	23	17,980	3.73	670	1-73		42	964	.05	43	75
50-20-0134	7279036	1300014	3-69	2	301	25,220	3.59	905	14	17,950	3.67	658	3-72		40	1,054	-.06	28	66
50-20-0138	6591745	1142734	8-66	5	279	23,866	3.39	810	13	15,544	3.59	558	3-73	B	44	937	.00	33	66
50-20-0138	7032486	1492869	11-67	3	293	19,940	3.98	794	27	15,316	3.77	578	1-73	B	34	739	.09	40	64
50-20-0138	7576914	1399824	2-70	1	305	21,500	3.19	686	14	15,620	3.34	522	5-72		36	789	-.01	27	55
50-20-0139	5994702	1189870	9-63	6	296	18,370	4.14	761	22	14,462	3.87	560	9-72		44	655	.07	34	55
50-20-0139	7519589	1447414	9-69	1	305	18,890	3.63	686	34	14,610	3.70	541	7-72		36	925	-.03	28	61
50-20-0143	7031177	1347940	3-68	3	305	19,480	3.59	700	9	14,826	3.62	536	6-72		42	992	.00	35	70
50-30-0009	7752649	1526128	7-70	1	305	17,260	4.06	700	27	15,300	3.98	609	1-73		33	882	-.07	21	53
50-30-0032	6534778	1320310	4-66	4	290	18,505	3.56	658	30	14,490	3.59	520	3-73		44	1,010	-.04	30	66
50-30-0032	6751209	1399824	12-66	4	305	18,323	3.76	689	26	15,028	3.53	531	7-72		44	715	.05	33	57
50-30-0058	7822958	1399824	5-69	2	305	17,480	3.91	683	31	14,650	3.57	523	8-73		40	603	.06	31	51
50-30-0064	6814750	1399824	11-66	5	303	19,054	4.19	799	33	15,462	3.89	601	12-72		44	779	.08	41	66
50-30-0064	6862124	1320310	8-67	4	305	18,140	3.36	610	49	15,295	3.88	593	10-72		44	886	-.10	17	50
50-30-0064	6897876	1389602	9-67	2	305	20,670	3.83	791	36	15,555	3.86	600	1-72		30	810	.01	30	58
50-30-0064	7177170	1427615	2-68	2	305	20,115	3.55	715	31	15,670	3.85	604	6-72		40	912	-.11	15	50
50-30-0064	7431462	1427615	4-69	2	305	19,830	3.78	749	43	15,545	3.86	600	8-72		40	893	-.08	19	52
50-30-0064	7530954	1441440	8-69	1	305	18,090	4.71	852	19	16,060	3.61	612	4-72		36	499	.11	35	50
50-30-0124	5888807	1390042	7-63	6	301	21,851	3.68	805	67	15,303	3.86	590	7-72		39	1,067	-.01	37	74
50-30-0124	6931007	1441440	7-67	4	305	15,385	4.05	623	24	11,550	3.92	453	10-72		44	687	.05	33	56
50-30-0124	6998582	1376810	2-68	3	305	24,580	3.93	967	24	16,257	3.72	604	2-73		42	1,189	.03	47	88
50-30-0124	7295714	1458744	12-68	2	293	17,925	3.64	653	26	14,050	3.81	536	8-72		40	781	-.02	25	53
51-01-0011	7135996	1491586	11-67	2	305	22,155	3.43	761	28	15,400	3.95	609	11-72		25	874	-.06	22	54
51-01-0011	7476764	1406271	3-69	2	305	18,935	3.90	739	23	15,385	3.87	596	7-72		40	751	.05	35	60
51-01-0011	7571905	1347940	11-69	1	305	17,400	3.86	672	16	14,460	3.99	577	6-72		36	714	.00	26	51
51-01-9018	6490503	1445278	10-65	4	305	21,795	3.56	775	23	16,575	3.49	578	1-72		43	1,080	-.06	30	69
51-01-9018	7026135	1347940	5-67	2	305	23,490	3.44	808	25	17,560	3.44	604	9-71		40	1,129	.00	40	79
51-01-9018	7050301	1355784	4-68	3	305	19,406	3.43	666	22	15,830	3.47	550	12-72		42	883	-.08	20	53
51-01-9018	7050304	1347940	1-68	4	303	19,092	3.38	646	27	16,350	3.43	560	12-72		44	823	-.01	28	57
51-01-9018	7501250	1320310	12-69	2	305	20,905	3.08	644	34	15,355	3.44	528	1-73		40	1,126	-.09	26	68
51-01-9026	6749426	1347940	11-66	2	305	21,595	3.69	797	48	15,365	3.75	576	9-71		40	1,115	.01	41	80
51-01-9026	6820623	1347940	3-67	4	305	19,100	3.30	631	34	15,615	3.63	567	7-72		44	897	-.05	25	57
51-01-9026	6909208	1070036	8-67	3	305	18,737	3.76	705	52	15,610	3.66	572	4-72		42	892	.06	31	50
51-01-9026	6962670	1320306	12-67	3	305	23,827	3.60	857	52	16,453	3.68	606	3-72		40	1,113	.01	41	80
51-01-9026	6962674	1355784	1-68	3	304	21,030	3.29	691	46	17,140	3.69	632	3-72		42	950	-.12	16	52
51-01-9026	7183314	1070036	7-68	2	305	18,315	4.08	748	76	14,315	3.77	539	11-72		40	615	.09	36	55
51-01-9026	7183328	1399824	8-68	3	305	19,593	3.40	666	50	13,883	3.78	525	8-72		42	944	-.03	30	64
51-01-9026	7342216	1399824	12-68	3	300	20,537	3.61	741	66	14,960	3.72	556	2-73		42	954	.01	36	69
51-02-0001	7440183	1524956	7-69	1	305	21,650	4.12	892	58	15,480	3.88	600	12-72		34	888	.01	33	64
51-02-0007	6484184	1462318	1-66	4	305	21,403	3.32	711	27	15,283	3.54	541	2-72		33	959	-.05	26	61
51-02-0007	7197326	1347940	10-68	2	305	21,955	3.39	744	21	14,780	3.59	531	5-72		40	1,199	-.03	39	81
51-02-0007	7479715	1427381	1-69	2	305	16,850	4.11	693	40	14,915	3.63	541	10-72		40	870	.09	46	74
51-02-0007	7495832	1427381	10-69	1	305	19,310	3.60	695	21	15,610	3.52	550	6-72		36	1,001	.04	43	77

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES... NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	C D	RCPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
51-02-0041	6485780	1320310	9-65	5	305	15,798	3.50	553	32	12,330	3.75	462	6-72		44	899	-.06	23	$ 56
51-02-0041	6523154	1451790	1-66	4	305	15,468	4.45	689	30	12,475	3.74	466	1-72		35	459	.14	38	51
51-02-0041	7260523	1406271	2-69	2	305	17,635	3.89	686	48	12,550	3.73	468	8-72		40	849	.06	40	68
51-02-0041	7772636	1427381	1-70	1	305	18,520	4.13	765	19	15,500	3.59	557	2-73		36	948	.09	48	79
51-02-0099	6338025	1441440	7-65	5	305	18,564	3.52	653	31	15,174	3.67	557	12-72		44	737	.00	27	53
51-02-0099	7260519	1510457	12-68	2	305	22,485	3.57	803	39	16,205	3.64	590	11-72		25	835	-.01	29	58
51-02-0099	7396945	1519218	8-69	2	305	22,190	3.47	769	28	15,920	3.64	580	11-72		38	809	-.02	26	55
51-02-0144	6631309	1458744	8-66	5	296	18,624	3.61	673	23	15,002	3.72	558	11-72		44	849	-.02	28	58
51-02-0144	6868083	1458744	1-67	4	298	17,505	3.71	649	26	14,682	3.75	550	11-72		44	727	-.01	25	51
51-02-0144	7464075	1427381	10-69	1	305	19,970	4.03	804	30	14,750	3.75	553	7-72		36	1,101	.07	51	88
51-02-0144	7581624	1427381	3-70	1	305	19,180	3.84	737	34	16,060	3.75	602	10-72		36	964	.05	43	75
51-02-0151	6455385	1451790	11-65	5	303	19,204	3.71	712	17	15,202	3.69	561	2-72		36	702	-.04	31	55
51-02-0151	6928829	1347940	12-67	3	300	17,290	3.58	619	14	13,903	3.70	515	8-72		42	825	-.01	28	57
51-02-0151	7495830	1427381	7-69	2	300	17,890	4.03	721	14	16,220	3.68	597	10-72		40	869	.08	44	72
51-02-9026	5851630	1124780	9-62	6	303	22,078	3.54	781	42	15,450	3.77	582	8-72		44	917	-.02	30	62
51-02-9026	5943047	1417042	7-63	6	301	19,050	3.48	662	43	15,052	3.76	566	1-72		35	786	-.05	21	50
51-02-9026	6325676	1330987	1-65	5	298	17,818	4.23	754	43	15,348	3.78	580	8-71		44	579	.11	38	55
51-02-9026	6864608	1347940	7-67	3	305	18,436	3.87	714	57	15,323	3.85	590	11-71		42	826	.01	32	60
51-02-9026	7501499	1445278	12-69	1	305	21,250	3.32	706	26	14,760	3.75	553	4-72		35	922	-.11	16	51
51-02-9026	7570775	1365341	10-69	1	305	19,960	3.76	751	62	16,400	3.80	623	11-72		36	796	-.01	27	55
51-02-9135	6341651	1244845	1-65	6	297	19,973	3.43	686	63	15,003	3.81	571	1-72		44	838	-.07	19	50
51-02-9135	7100843	1491729	5-68	3	305	18,606	3.71	691	95	14,023	3.91	548	10-72		34	734	.00	26	52
51-02-9135	7198412	1427381	10-68	3	305	16,080	4.12	662	94	14,320	3.89	557	10-72		42	840	.08	42	69
51-02-9135	7209912	1427381	10-68	2	305	17,730	3.90	692	87	14,935	3.89	581	12-71		40	957	.05	42	74
51-03-0002	7054997	1320310	6-67	3	298	16,913	3.77	638	24	14,623	3.99	583	4-72		42	793	-.04	22	51
51-03-0016	7472456	1347940	2-69	1	305	17,700	3.80	672	26	15,420	3.63	560	6-72		36	680	.02	27	50
51-03-0028	6836915	1388982	1-67	4	305	19,695	4.22	832	45	15,183	4.06	617	7-72		43	651	.05	31	52
51-03-0028	7152250	1414618	8-68	3	305	21,883	3.55	777	50	15,770	4.06	641	11-72		42	870	-.05	23	55
51-03-0028	7396319	1347940	4-69	2	305	17,895	4.00	715	60	15,560	4.10	638	10-72		40	724	.01	28	53
51-03-0028	7412743	1383247	9-69	2	295	21,495	4.17	896	45	15,695	4.03	632	10-72		40	809	.01	30	58
51-03-0028	7478799	1383247	9-69	2	305	21,000	4.15	872	59	16,110	4.10	660	11-72		40	725	.00	26	51
51-03-0028	7478804	1406271	1-70	1	305	18,580	4.20	781	49	15,690	4.00	628	5-72		36	629	.07	33	53
51-03-0028	7478806	1507362	10-69	2	294	22,645	3.91	885	60	15,630	4.10	641	10-72		25	913	.01	34	66
51-03-0028	7478807	1507362	11-69	2	299	21,370	4.03	861	68	15,410	4.09	630	9-72		25	774	.03	32	58
51-03-0028	7672224	1535960	8-70	1	305	18,860	3.79	714	66	14,910	4.04	603	7-72		29	657	.04	29	51
51-03-0028	7672226	1427615	8-70	1	305	21,200	3.59	762	65	14,840	4.06	602	7-72		36	944	-.12	15	51
51-03-0056	6688771	1392774	10-66	4	302	20,935	4.02	842	29	15,442	4.16	642	8-72		44	690	.03	30	53
51-03-0056	6959318	1383247	9-67	3	305	22,546	3.91	882	20	15,273	4.11	628	5-72		42	1,044	-.03	33	70
51-03-0056	7002264	1320310	10-67	4	299	21,293	3.86	821	33	16,273	4.14	673	11-72		44	1,179	-.05	35	77
51-03-0057	7374500	1320310	4-69	2	305	22,325	3.75	837	12	17,845	3.89	695	2-73		40	1,068	-.04	32	70
51-03-0069	6996289	1347940	8-67	4	288	15,357	4.03	619	37	13,047	3.91	510	9-72		44	688	.03	29	52
51-03-0069	7057215	1441440	12-67	3	305	16,770	4.10	687	34	13,863	3.90	540	3-73		42	613	.07	32	52
51-03-0069	7158538	1347940	9-67	3	305	16,533	3.80	628	35	13,236	3.94	522	1-73		42	800	.00	28	56
51-03-0069	7190213	1447141	11-68	2	305	20,820	4.14	861	12	14,370	3.86	554	4-73		40	799	.11	65	70
51-03-0069	7436235	1427381	9-69	2	273	16,545	3.55	588	15	14,385	3.75	540	1-73		40	882	.02	35	65
51-03-0070	7242477	1503775	10-68	2	305	23,735	3.80	902	14	18,470	3.78	698	2-72		25	764	.02	31	57
51-03-0071	7503543	1427381	7-69	2	305	17,630	4.07	717	20	15,135	3.94	597	7-72		40	931	.06	43	74
51-03-0071	7503544	1427381	7-69	2	304	18,825	3.86	727	12	15,955	3.84	612	4-73		40	986	.05	43	76
51-03-0071	7503545	1427381	8-69	2	296	17,870	4.49	803	20	15,165	3.98	604	9-72		40	953	.11	52	82
51-03-0071	7503561	1427381	7-69	2	305	18,000	4.29	773	20	15,640	3.90	610	12-72		40	927	.09	48	78
51-03-0074	7490442	1512635	7-69	2	305	18,735	4.14	775	13	14,430	4.07	587	10-72		30	640	.04	29	50
51-03-9011	5322460	1295522	1-61	8	280	19,839	4.58	908	65	15,066	3.76	566	8-72	B	44	448	.19	44	55
51-03-9011	7177611	1330987	8-68	2	305	19,875	3.57	709	83	14,985	3.62	543	11-71		40	763	.04	33	59
51-03-9011	7714313	1458744	11-70	1	305	20,930	3.72	756	31	16,890	3.33	562	1-73		36	715	.02	29	53
51-04-0014	6883523	1347940	7-67	2	305	18,460	3.39	625	37	13,280	3.46	460	9-71		40	966	-.01	33	67
51-04-0014	7119128	1347940	2-68	3	302	17,150	3.36	576	24	13,063	3.42	447	7-72		42	886	-.02	29	60
51-04-0014	7792797	1347940	9-70	1	305	18,240	3.28	599	43	15,450	3.19	493	11-72		36	718	.00	26	51
51-04-0036	7007666	1417208	10-67	3	305	19,757	3.53	698	26	14,283	3.61	515	10-72		42	942	-.01	33	66
51-04-0037	6211918	1329588	12-64	5	305	17,480	3.91	684	52	13,180	3.57	471	8-72		44	702	.04	31	55
51-04-0037	7583707	1427381	12-68	3	300	20,020	3.37	674	36	13,206	3.57	471	4-73		42	1,396	.00	51	100
51-04-0037	7918971	1427381	6-70	1	305	20,970	3.19	669	51	13,550	3.40	461	3-72		36	1,247	.01	46	89
51-04-0038	6866035	1347940	9-67	1	305	20,620	3.66	754	14	15,330	3.61	554	1-73		36	902	.01	34	65
51-04-0038	6912901	1347940	11-67	1	305	20,520	3.33	684	8	15,310	3.61	553	4-72		36	896	-.02	29	61
51-04-0048	6586120	1445278	3-66	4	305	22,045	3.13	691	43	15,133	3.77	570	2-72		43	1,255	-.16	20	68
51-04-0048	6586122	1392774	7-66	3	305	20,680	3.90	806	37	14,776	3.78	559	3-72		42	674	.05	32	54
51-04-0048	6774290	1346850	1-67	3	305	22,170	3.41	757	36	15,357	3.76	577	1-72		42	898	-.06	23	56
51-04-0048	7297223	1447141	9-68	3	298	18,616	3.91	728	37	14,530	3.68	535	8-72	H	42	612	.09	35	54
51-04-0048	7435903	1347940	5-69	2	305	18,815	3.76	708	31	15,270	3.60	549	6-72		40	841	.02	34	63
51-04-0062	7499994	1347940	10-69	2	305	19,970	4.01	801	15	15,755	3.60	567	3-73		40	919	.06	42	73
51-04-0062	8090148	1414618	5-70	1	305	23,210	3.58	830	19	15,660	3.67	575	2-73		36	732	-.01	25	51
51-04-0083	7235501	1347940	12-68	2	305	18,855	3.65	689	14	13,865	3.72	516	1-72		40	959	.00	35	68
51-04-0151	7080260	1347940	6-67	2	305	18,155	3.60	653	5	14,425	3.74	540	9-71		40	842	-.01	29	59
51-04-0181	6483830	1346850	11-65	5	305	21,648	3.71	804	71	16,918	3.68	622	12-72		44	763	.00	27	54
51-04-0181	6623261	1406271	8-65	6	303	18,930	3.48	659	84	16,040	3.69	592	12-72		44	758	.00	28	54
51-04-0181	6677765	1347940	12-66	4	305	18,270	3.69	675	68	14,935	3.76	561	7-72		44	861	.00	31	61
51-04-0181	6830113	1347940	5-67	4	296	19,265	3.98	767	76	17,432	3.65	636	12-72		44	738	.06	35	59
51-04-0181	6830114	1347940	5-67	4	305	21,045	3.63	763	77	17,072	3.66	625	10-72		44	993	.00	36	71
51-04-0181	6912328	1347940	7-67	4	305	20,885	4.02	840	81	16,787	3.66	615	11-72		44	1,001	.06	46	79
51-04-0181	6912659	1503717	7-67	4	305	20,600	4.17	859	93	16,413	3.69	605	9-72		30	691	.11	41	62
51-04-0181	7031971	1347940	3-68	3	290	19,433	3.28	638	62	16,413	3.66	601	8-72		42	841	-.05	22	53
51-04-0181	7094057	1347940	12-67	2	305	20,005	3.63	726	89	16,295	3.76	612	8-71		40	878	.00	31	62
51-04-0181	7094058	1347940	6-68	3	305	21,050	3.59	756	66	17,460	3.67	640	4-73		42	930	-.01	32	65
51-04-0181	7094062	1347940	7-68	3	301	24,233	3.34	809	85	17,906	3.65	653	12-72		42	1,255	-.05	37	82
51-04-0181	7119479	1399824	11-67	3	299	20,970	4.35	912	91	17,463	3.70	646	8-72		42	773	.12	47	71
51-04-0181	7156797	1347940	6-68	2	305	22,140	3.52	780	90	17,080	3.72	635	5-72		40	1,031	-.02	34	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION.. COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S REC'S	DAYS	AVERAGE PRODUCTION MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
51-04-0181	7182080	1478014	9-68	2	305	20,675	3.76	777	117	16,870	3.70	624	6-72		40	681	.04	30	$ 53
51-04-0181	7230289	1347940	10-68	2	301	20,830	3.63	756	76	18,200	3.70	674	2-72		40	807	.00	29	57
51-04-0181	7230290	1347940	10-68	3	303	25,366	3.34	847	78	18,260	3.65	666	12-72		42	1,353	-.05	40	89
51-04-0181	7230291	1347940	11-68	2	303	19,785	3.70	732	89	17,735	3.71	658	5-72		40	739	.01	28	54
51-04-0181	7233834	1458744	11-68	3	297	21,576	3.21	693	93	17,846	3.61	644	10-72		42	889	-.07	21	54
51-04-0181	7360388	1347940	7-69	1	305	19,950	3.33	665	93	16,680	3.65	608	10-71		36	772	-.02	24	52
51-04-0181	7387673	1406271	2-69	2	305	20,750	3.70	767	97	17,880	3.70	661	4-72		40	732	.04	32	57
51-04-0181	7467902	1433885	12-69	2	305	25,530	3.38	863	70	18,490	3.68	681	3-73		39	879	-.02	28	59
51-04-0181	7528576	1379208	10-69	2	305	26,500	3.03	804	104	18,265	3.64	664	12-72		40	1,192	-.09	28	72
51-04-0181	7532745	1427615	2-70	2	305	26,705	3.49	933	65	18,225	3.68	671	4-73		40	1,373	-.11	32	83
51-04-0181	7553541	1388982	11-69	2	305	24,635	3.46	853	94	18,850	3.61	680	12-72		40	756	-.02	24	51
51-04-0181	7608228	1347940	5-70	1	305	20,900	3.39	709	111	18,180	3.62	659	10-72		36	753	-.02	24	51
51-04-0181	7681716	1519218	4-70	1	305	23,580	3.73	879	125	17,030	3.68	627	6-72		34	677	.02	27	50
51-04-0181	7738568	1427615	8-70	1	305	24,230	3.16	765	120	17,070	3.66	625	9-72		36	1,037	-.15	14	54
51-04-0181	7816703	1299222	10-70	1	305	26,480	3.58	948	42	18,440	3.66	675	4-73		35	1,158	-.04	36	77
51-04-0181	7820545	1347940	11-70	1	305	21,550	3.88	837	111	18,180	3.62	659	10-72		36	802	.03	34	61
51-04-0181	7820546	1347940	12-70	1	305	20,780	3.85	799	92	19,080	3.62	690	11-72		36	691	.03	29	52
51-04-0186	7235765	1417208	2-67	4	299	21,780	3.18	692	25	15,568	3.64	567	12-72		44	1,103	-.07	28	68
51-04-0186	8022291	1427381	2-70	2	287	19,180	3.04	584	21	16,885	3.45	582	12-72		40	946	-.02	31	64
51-04-0228	7160064	1427615	6-68	2	238	22,055	3.36	740	14	17,495	3.81	667	1-72		40	960	-.14	13	50
51-04-0228	7543276	1347940	7-68	2	302	22,715	3.43	778	14	16,050	3.63	583	3-72		40	1,173	-.03	38	80
51-04-0228	7660131	1399824	3-69	2	305	19,505	3.98	777	22	15,275	3.65	557	9-72		40	758	.06	37	62
51-04-0235	6428087	1417208	9-65	2	305	20,230	3.07	622	13	15,335	3.76	576	3-72		40	843	-.07	19	50
51-04-0235	7383347	1427381	2-69	2	293	17,355	4.25	737	39	13,855	3.75	520	11-72		40	1,007	.10	52	85
51-04-0235	7383348	1427381	7-69	2	305	22,190	3.79	840	41	13,970	3.74	522	11-72		40	1,488	.05	62	112
51-04-0235	8185368	1417208	9-70	1	305	19,330	3.63	701	35	14,300	3.81	545	9-72		36	722	-.01	25	50
51-04-0245	6991729	1487697	1-68	3	302	21,717	3.63	789	24	16,243	3.62	588	3-72		41	732	.05	34	58
51-04-0245	7616457	1347940	8-70	1	305	18,660	3.63	678	25	16,140	3.63	586	7-72		36	708	.00	26	51
51-04-0249	7874305	1347940	1-71	1	305	21,810	3.58	780	15	18,850	3.69	695	3-73		36	781	-.01	27	54
51-04-0255	6844013	1347940	4-67	3	305	17,003	3.80	646	28	13,356	3.96	529	12-71		42	843	.00	30	59
51-04-0273	7596483	1447414	1-70	1	305	20,220	3.50	708	7	12,160	3.46	421	7-72		36	1,171	-.03	37	79
51-04-0288	6678947	1347940	11-66	4	236	17,055	3.66	624	23	15,180	3.64	553	9-72		44	687	.01	26	50
51-04-0292	6108967	1386777	8-64	6	305	20,593	3.40	701	28	16,060	3.69	593	12-72		36	874	-.05	24	56
51-04-0292	7403036	1447141	1-69	2	305	23,175	3.11	721	29	17,095	3.65	624	2-73		40	817	-.03	25	54
51-04-0292	7627970	1447141	2-70	1	305	22,390	3.59	803	35	16,100	3.71	597	8-72		36	650	.04	30	52
51-04-0298	6902774	1347940	11-66	3	296	18,280	3.85	704	21	13,793	3.71	512	6-72		42	949	.02	38	70
51-04-0308	7268049	1458744	7-68	2	305	23,985	3.48	835	12	17,030	3.48	592	2-73		40	1,155	-.02	39	80
51-04-0318	5297282	1244845	3-61	5	305	22,498	3.18	716	33	18,184	3.33	606	4-72		44	836	-.07	19	50
51-04-0318	6441271	1376810	9-65	5	305	23,138	3.70	856	52	18,604	3.35	624	11-72		44	870	.03	36	66
51-04-0318	6469353	1455965	8-65	5	305	23,962	3.42	820	46	18,374	3.39	622	3-73		44	828	-.02	27	56
51-04-0318	6954724	1376810	1-68	3	305	23,393	3.39	794	74	18,233	3.36	613	8-72		42	867	-.03	26	57
51-04-0318	7167259	1506490	3-68	3	305	24,020	3.24	778	64	18,423	3.37	621	10-72		32	1,068	-.05	30	69
51-04-0318	7172102	1516324	10-68	2	305	24,980	3.04	760	32	19,825	3.40	674	1-73		30	868	-.09	18	50
51-04-9197	6457512	1347940	12-65	2	305	20,400	3.56	727	26	15,760	3.59	566	12-72		40	962	.00	35	68
51-04-9197	6806267	1347940	4-67	3	305	18,963	3.51	665	38	15,710	3.73	586	2-72		42	851	-.02	27	57
51-04-9197	6939643	1399824	9-67	4	300	18,513	3.94	729	48	16,238	3.73	605	2-73		44	619	.06	31	51
51-04-9197	7088865	1399824	1-68	2	305	23,420	3.67	860	21	16,600	3.64	605	3-72		40	1,048	.03	42	78
51-04-9197	7155926	1347940	8-68	2	305	18,265	3.93	717	53	16,005	3.81	610	1-72		40	725	.03	30	55
51-04-9197	7155927	1347940	9-68	2	305	20,090	3.50	704	43	15,645	3.74	585	10-72		40	940	-.02	31	64
51-04-9197	7334015	1347940	10-68	3	305	19,846	3.65	725	54	15,156	3.81	578	11-72		42	1,004	-.01	35	70
51-04-9197	7334016	1347940	3-69	2	305	20,130	4.04	814	53	15,130	3.74	566	11-72		40	986	.05	43	76
51-04-9197	7334022	1320310	4-69	2	305	18,740	3.44	644	41	15,670	3.75	588	1-73		40	881	-.07	21	53
51-04-9197	7611091	1524520	8-69	2	305	27,030	2.83	764	36	15,875	3.78	600	3-73		25	1,443	-.18	23	78
51-04-9197	7648594	1427381	1-70	1	305	23,460	3.15	740	51	14,970	3.63	544	8-72		36	1,348	-.01	47	94
51-05-0056	6277679	1268294	6-64	3	305	20,846	3.56	743	26	14,810	3.77	558	6-72		42	861	-.05	23	54
51-05-0098	6200923	1189870	11-63	7	304	19,629	3.98	781	26	14,746	3.76	555	7-72		44	788	.06	37	63
51-05-0098	6802759	1347940	4-67	2	305	18,725	3.93	736	38	14,715	3.81	560	10-71		40	877	.03	36	66
51-05-0098	6802760	1347940	5-67	3	305	18,146	3.66	665	35	15,486	3.83	593	1-72		42	778	-.01	26	53
51-05-0098	7196701	1347940	2-68	3	303	19,550	4.31	843	24	15,720	3.66	576	2-72		42	918	.10	48	78
51-05-0098	7220260	1347940	12-68	1	305	17,770	3.92	696	48	14,940	3.86	576	10-71		36	713	.02	28	52
51-05-0098	7418994	1320310	9-69	1	305	19,740	3.54	698	40	15,120	3.73	564	5-72		36	935	-.05	26	60
51-05-0122	6433475	1320310	12-65	2	305	17,820	3.20	571	25	13,635	3.77	514	5-72		40	953	-.09	20	55
51-05-0122	6915141	1463661	8-67	4	298	16,218	4.37	709	27	13,148	3.74	492	11-72		33	487	.13	37	51
51-05-0122	6915143	1406271	2-67	4	305	17,295	4.21	728	39	12,933	3.82	494	10-72		44	850	.10	46	73
51-05-0167	5521099	1199324	1-61	8	289	17,693	3.80	673	9	15,149	3.75	568	2-72		44	764	.01	29	55
51-05-0172	5986390	1276654	8-63	6	304	20,912	3.25	679	21	13,693	3.76	515	12-72		44	1,021	-.07	25	62
51-05-0172	7078747	1347940	3-68	3	305	16,870	4.33	731	32	13,213	3.78	499	1-73		42	840	.08	42	69
51-05-0172	7413592	1427381	6-69	2	305	18,100	3.59	649	30	13,450	3.69	496	9-72		40	1,115	.03	45	83
51-05-0172	7451081	1427381	5-69	2	305	16,450	3.31	544	22	14,545	3.72	541	12-72		40	859	-.01	30	60
51-05-0172	7451087	1427381	7-69	2	305	19,480	3.98	776	18	14,420	3.74	540	2-73		40	1,177	.07	54	93
51-05-0172	7605799	1427381	8-69	1	305	19,340	3.52	681	25	15,190	3.77	572	11-72		36	1,028	.03	41	76
51-05-0172	7605801	1427381	11-69	2	305	17,205	4.14	713	22	14,545	3.72	541	12-72		40	936	.09	48	78
51-05-0172	7605802	1427381	1-70	1	304	16,870	3.46	583	11	13,950	3.96	553	3-73		36	918	.01	35	67
51-05-0187	6935896	1458744	9-67	4	274	18,630	3.18	593	43	15,205	3.53	536	3-73		44	815	-.06	20	50
51-05-7188	7245834	1458744	11-68	2	305	21,435	3.89	833	14	14,795	3.58	529	10-72		40	1,077	.03	44	81
51-05-7188	7478030	1458744	10-69	1	305	19,710	3.73	735	16	15,600	3.68	574	7-72		36	746	.00	27	53
51-05-9044	7011423	1399824	3-67	3	305	18,950	3.73	706	40	15,870	3.79	601	1-72		42	688	.02	28	51
51-05-9044	7011424	1399824	4-67	3	305	20,810	3.33	692	34	15,793	3.72	587	3-72		42	909	-.04	27	60
51-05-9044	7014041	1347940	8-67	4	293	17,665	3.79	670	45	15,797	3.78	597	9-72		44	701	.01	27	51
51-05-9044	7593374	1427381	1-70	1	305	19,380	3.90	756	35	15,440	3.83	591	6-72		36	1,016	.05	45	79
51-05-9110	7365485	1519107	6-69	2	305	22,135	3.07	679	26	15,480	3.94	610	12-72		29	1,077	-.12	20	61
51-05-9110	7606785	1519107	7-69	1	305	20,700	3.83	793	32	14,000	3.80	532	9-71		23	866	.02	34	64
51-05-9110	7841484	1519107	7-69	1	305	18,350	4.14	759	28	13,680	3.76	515	8-71		23	677	.05	32	54
51-05-9110	7841485	1519107	7-69	2	302	18,425	3.98	733	25	14,080	3.91	550	7-72		29	763	.03	32	58
51-05-9110	7841486	1519107	7-69	2	305	18,985	3.98	756	31	14,365	3.90	560	9-72		29	804	.03	34	61

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C O D	REPT	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
51-05-9110	7884834	1519107	8-69	2	305	20,050	3.88	777	30	14,310	3.90	558	6-72		29	938	.02	37	$ 69
51-05-9110	7918201	1519107	10-69	2	283	20,570	4.12	848	23	15,490	3.97	615	12-72		29	886	.05	40	70
51-05-9110	7918203	1519107	10-69	1	305	20,820	4.21	877	24	14,220	3.98	566	6-72		23	861	.05	39	68
51-05-9110	7918204	1519107	10-69	2	305	20,950	3.77	790	24	16,140	3.93	634	1-73		29	870	.00	31	61
51-05-9110	7918206	1519107	10-69	2	305	20,750	3.77	783	23	15,955	3.93	627	1-73		29	863	.00	31	61
51-06-0019	6192333	1337741	10-64	6	305	19,738	3.79	748	9	14,815	3.90	578	6-72		44	801	.01	30	58
51-06-0019	6968241	1407697	12-67	3	298	18,840	4.38	826	8	14,750	4.01	592	7-72		41	533	.12	38	54
51-06-0019	7226728	1519216	12-68	3	304	21,643	3.68	796	18	14,526	4.14	601	11-72		41	963	-.03	30	64
51-06-0027	7187828	1347940	6-68	2	305	16,960	4.23	717	26	13,505	4.10	554	7-72		40	796	.04	35	62
51-06-0034	6779276	1441074	5-66	4	305	16,260	4.05	659	13	12,245	3.71	454	3-73		34	644	.08	35	56
51-06-0034	7206386	1441074	6-68	3	305	17,406	3.46	603	16	12,606	3.77	475	4-73		32	729	-.01	24	50
51-06-0034	7314757	1320310	10-68	1	305	16,430	3.57	587	21	12,460	3.81	475	1-72		36	847	-.05	23	54
51-07-0023	6860646	1347940	3-67	4	304	19,012	3.41	648	33	13,702	3.78	518	6-72		44	1,075	-.04	32	71
51-07-0023	7395079	1347940	7-69	2	305	16,770	3.61	605	42	13,945	3.80	530	7-72		40	741	-.01	25	51
51-07-0023	7427918	1347940	8-69	2	297	17,880	3.51	627	45	14,150	3.82	541	7-72		40	837	-.03	26	56
51-07-0026	6721442	1451853	8-66	4	299	20,012	3.41	683	26	14,557	3.53	514	6-72		35	852	-.04	24	55
51-07-0026	7574757	1491007	10-69	2	305	16,965	3.37	571	32	13,115	3.64	477	12-72		40	841	-.02	27	57
51-07-0026	7574758	1491007	10-69	2	305	17,940	3.32	596	39	12,875	3.61	465	11-72		40	960	-.03	30	64
51-07-0059	7419317	1347940	9-69	2	305	18,285	3.87	708	32	13,510	3.76	508	9-72		40	930	.02	37	69
51-07-0063	7208031	1347940	11-68	1	305	19,240	3.58	689	22	16,330	3.72	607	12-72		36	740	.00	26	52
51-07-0064	6847472	1347940	3-67	4	296	19,547	3.55	694	16	15,525	3.54	550	12-72		44	961	.00	35	68
51-07-0064	7890536	1347940	11-70	1	305	18,250	3.83	699	18	16,160	3.43	554	1-73		36	676	.04	30	53
51-07-0127	7409720	1347940	10-69	2	292	16,700	3.98	665	35	15,065	3.74	563	10-72		40	643	.04	29	50
51-07-0135	7606434	1458744	9-69	2	303	19,795	3.42	677	46	14,335	3.63	521	1-73		40	948	-.03	29	63
51-07-0180	6454342	1445278	9-65	5	305	20,266	3.33	675	30	14,516	3.74	543	7-72		44	1,123	-.12	22	64
51-07-0180	6478903	1122127	7-64	6	303	17,085	4.31	737	27	14,568	3.71	541	10-72		44	605	.05	30	50
51-07-0180	7444056	1347940	1-68	3	305	17,786	3.94	700	30	13,973	3.71	519	1-73		42	876	.04	37	67
51-07-0180	7957193	1406271	11-69	1	305	18,810	3.47	653	26	13,900	3.63	504	1-73		36	753	.03	31	57
51-07-0180	7957197	1445278	12-69	2	305	19,040	3.52	671	37	13,790	3.74	516	11-72		40	922	-.08	20	54
51-07-0184	6962914	1347940	9-67	4	297	21,757	3.61	785	45	15,317	3.85	590	11-72		44	1,254	-.02	42	86
51-07-0184	7380722	1347940	11-68	2	305	21,080	4.24	894	41	15,720	3.79	596	11-72		40	1,034	.08	49	83
51-07-0192	6855155	1347940	3-67	3	305	22,176	4.03	894	20	16,383	3.89	637	12-71		42	1,159	.04	48	87
51-07-0192	7165419	1347940	3-68	3	305	19,500	3.64	710	19	16,343	3.90	637	2-73		42	855	-.02	27	57
51-07-0236	7179404	1392858	8-68	3	305	21,620	3.73	807	19	15,823	3.93	622	3-73		42	861	.01	33	63
51-07-0236	7458147	1392858	10-69	1	305	22,250	3.78	842	23	15,140	3.82	578	6-72		36	720	.03	31	55
51-07-0241	7750788	1417208	11-69	1	305	20,020	4.03	807	13	16,360	3.14	513	4-72		36	651	.08	35	56
51-07-0241	8225167	1427381	12-70	1	305	17,810	3.17	564	12	14,810	3.40	503	2-73		36	937	.01	36	68
51-07-0242	6856262	1347940	6-67	4	302	19,150	3.67	703	56	16,855	3.65	615	10-72		44	780	.01	29	56
51-07-0242	7340847	1445278	12-68	2	305	22,580	3.44	776	62	17,865	3.74	669	11-72		40	950	-.10	18	54
51-07-0242	7424206	1417208	8-69	2	305	21,265	3.80	808	60	17,270	3.71	640	12-72		40	791	.02	32	59
51-07-0297	5572504	010236866	7-57	7	305	21,179	3.26	691	38	14,057	3.64	511	12-72		42	989	-.04	29	65
51-07-0297	6557715	1406271	11-65	5	305	16,744	3.95	661	51	14,932	3.68	549	10-72		44	590	.07	32	51
51-07-0297	6613853	1376810	3-66	5	292	18,542	3.97	737	57	14,354	3.76	540	2-73	B	44	714	.02	29	53
51-07-0297	7360645	1406271	8-67	2	305	21,525	3.36	724	42	14,845	3.80	564	3-72		40	1,057	-.01	36	73
51-07-0340	7357785	1347940	2-69	2	305	19,770	3.22	636	14	13,805	3.70	511	4-72		40	1,057	-.05	30	68
51-07-0365	7173042	1347940	4-68	2	305	17,030	4.17	710	12	14,035	3.97	557	1-72		40	760	.04	33	59
51-07-0365	7508104	1347940	9-69	1	305	17,230	3.88	668	18	12,810	3.76	482	10-72		36	800	.02	32	59
51-07-0417	6407155	1436046	7-65	3	300	22,070	3.24	714	20	14,440	3.55	513	7-72		32	1,195	-.06	33	76
51-07-0419	7600232	1447414	5-70	1	305	19,440	3.34	650	12	13,200	3.56	470	4-72		36	1,050	-.05	30	69
51-07-0421	7393121	1487697	11-67	3	301	20,393	3.37	687	26	14,333	3.57	512	9-72		41	757	.01	29	55
51-07-0432	7218794	1347940	11-67	3	301	20,410	3.96	809	10	16,903	3.74	632	4-72		42	908	.04	39	70
51-07-0443	6975263	1458744	9-67	2	245	16,240	4.72	767	8	14,595	4.04	589	8-72	B	40	566	.08	33	51
51-07-0443	6975265	1458744	9-67	2	215	19,980	3.77	754	8	14,575	3.98	580	10-72	B	40	947	-.01	32	65
51-07-0448	6995961	1347940	11-67	2	305	20,260	3.46	701	9	15,040	3.70	557	3-72		40	1,006	-.02	33	69
51-07-0449	7036454	1347940	5-67	1	305	17,360	4.58	795	65	14,100	3.73	526	8-72		36	733	.08	38	62
51-07-0449	7055019	1347940	12-67	1	275	17,760	3.59	638	62	13,830	3.76	520	9-72		36	779	-.01	27	54
51-07-0449	7220305	1399283	10-68	2	305	21,955	3.94	866	32	15,535	3.84	596	2-73		40	907	.00	33	65
51-07-0449	7241191	1347940	8-68	2	303	20,455	3.44	703	47	14,660	3.66	537	10-72		40	1,057	-.03	34	71
51-07-0449	7724357	1347940	10-70	1	305	20,510	4.56	935	24	15,850	3.92	622	2-73		36	863	.08	43	71
51-07-9020	6956510	1347940	8-67	4	294	17,522	3.64	637	21	13,662	3.90	533	10-72		44	895	-.02	29	61
51-07-9025	6889568	1347940	5-67	4	305	16,450	3.79	623	35	13,462	3.97	535	2-73		44	782	-.01	27	54
51-07-9025	7216884	1414618	1-69	2	305	20,155	3.73	752	16	14,305	3.84	550	2-72		40	733	.00	26	52
51-07-9027	6175747	1330987	8-66	4	305	18,040	3.69	666	52	13,900	3.98	553	1-72		44	738	.02	29	54
51-07-9027	6759734	1484301	1-67	4	301	19,090	3.49	666	44	13,347	4.02	536	7-72		35	902	-.07	22	55
51-07-9027	7048289	1501058	1-68	4	296	19,155	3.93	753	47	13,967	4.00	558	2-73		35	747	.04	33	58
51-07-9029	6908617	1366229	7-67	2	305	19,695	3.85	758	57	14,095	3.95	557	9-72		40	624	.06	31	51
51-07-9029	7095472	1347940	3-68	2	305	21,320	3.71	791	57	14,375	4.06	583	11-71		40	1,168	-.01	40	81
51-07-9029	7157044	1347940	9-68	3	298	16,563	3.87	641	65	14,293	3.99	571	10-72		42	706	.00	25	50
51-07-9031	5890865	1217478	7-63	8	305	21,975	3.86	848	43	17,064	3.82	651	1-73		44	781	.07	39	64
51-07-9031	5989407	1122127	9-63	6	305	20,512	3.77	773	43	16,965	3.83	649	3-72		44	799	-.03	24	53
51-07-9031	6043431	1392774	3-64	5	305	21,740	3.84	834	38	16,516	3.80	628	12-71		44	714	.04	32	56
51-07-9031	6415655	1406271	10-65	5	305	24,170	3.59	868	37	17,322	3.79	656	7-72		44	1,302	.01	48	93
51-07-9031	6754927	1436508	11-66	4	305	24,213	3.40	823	44	17,693	3.83	678	1-73		30	1,085	-.08	27	67
51-07-9031	6917937	1347940	7-67	4	304	19,650	3.80	746	53	16,265	3.81	619	9-72		44	900	.01	34	65
51-07-9031	7244053	1491007	1-69	2	305	22,515	3.60	811	45	15,905	3.80	604	7-72		40	1,180	-.01	41	82
51-07-9035	6429441	1357743	11-65	5	305	19,558	3.76	736	16	13,514	4.03	545	1-73		44	843	-.03	26	56
51-07-9040	6813603	1406271	1-67	3	305	19,827	3.62	718	29	15,077	3.71	560	12-72		42	918	.03	37	68
51-07-9066	6837779	1346850	10-66	4	298	21,553	3.22	695	22	15,378	3.69	567	3-72		44	876	-.09	18	51
51-07-9066	7070508	1478922	11-67	4	305	20,363	3.79	771	39	14,858	3.72	552	10-72		33	861	.03	35	64
51-07-9066	7576289	1447141	8-69	1	305	21,040	3.66	771	31	14,760	3.78	558	6-72		36	629	.05	30	51
51-07-9086	6168166	1122127	5-64	7	305	19,727	3.70	729	40	15,419	3.87	597	2-73		44	858	-.05	23	54
51-07-9086	6754510	1406271	1-67	4	305	18,578	3.77	700	23	15,393	3.94	606	7-72		44	766	.02	31	57
51-07-9086	6860270	1406271	4-67	4	300	17,763	4.73	840	54	15,303	3.93	602	9-72		44	674	.16	49	69
51-07-9086	6928564	1414618	8-67	4	304	20,342	3.78	768	47	15,920	3.93	625	1-73		44	715	.00	25	50
51-07-9086	7234200	1347940	11-68	2	206	21,940	3.53	775	24	17,350	3.84	667	3-72	B	40	989	-.03	31	66

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
51-07-9109	5934510	1122127	9-63	6	305	19,395	3.84	745	39	13,903	3.82	531	10-72		44	971	-.02	32	$ 66
51-07-9109	7444084	1406271	8-69	1	305	19,220	3.86	741	65	14,030	3.92	550	5-72		36	776	.04	34	60
51-07-9109	7444086	1406271	9-69	1	305	17,090	4.31	736	76	13,720	3.91	537	6-72		36	636	.08	35	55
51-07-9109	7622999	1320310	7-70	1	305	18,340	3.24	595	82	14,000	3.89	544	9-72		36	898	-.09	19	52
51-07-9109	7712094	1299222	12-70	1	305	20,270	3.56	722	23	16,360	3.81	623	4-73		35	810	-.05	22	51
51-07-9164	5051345	1189870	11-59	5	305	19,910	3.61	718	21	15,938	3.72	593	9-72		44	702	.00	25	50
51-07-9164	6219645	1423201	11-64	6	303	30,662	3.06	938	30	17,947	3.62	649	3-73		44	1,119	-.07	30	71
51-07-9164	6613855	1376810	4-66	4	242	19,805	3.34	661	44	14,430	3.68	531	12-72	B	43	841	-.07	19	50
51-07-9164	7234813	1491007	11-68	1	305	22,900	3.73	855	14	18,450	3.62	667	3-72		35	905	.02	36	67
51-07-9164	7288515	1283917	8-68	2	305	24,385	3.53	862	24	16,660	3.63	605	1-72		40	1,011	-.07	25	62
51-07-9164	7310795	1458744	9-68	2	305	19,705	3.89	766	37	16,210	3.49	565	9-72		40	787	.04	35	61
51-07-9164	7406429	1534891	8-69	1	305	22,650	3.97	900	23	17,040	3.66	624	6-72		24	798	.03	34	61
51-07-9164	7687640	1450228	9-70	1	305	20,960	3.50	734	30	16,970	3.69	627	8-72		36	837	-.04	24	54
51-07-9272	6705773	1468445	8-66	4	305	20,878	3.49	728	22	16,065	3.59	576	7-72		30	776	-.02	25	53
51-07-9272	6857036	1347940	5-67	3	300	21,596	3.26	704	26	15,533	3.64	565	12-71		42	1,171	-.06	33	75
51-07-9272	7581309	1491007	11-69	1	305	21,380	3.49	746	26	16,000	3.61	577	11-72		35	938	.00	33	66
51-07-9272	7615114	1491007	9-68	3	300	20,646	3.14	649	35	15,400	3.66	564	10-72		42	1,093	-.07	29	69
51-07-9272	7615115	1491007	9-68	2	305	19,355	4.01	777	37	14,980	3.64	546	9-72		40	933	.05	42	73
51-07-9281	4966363	1310080	11-59	4	305	21,665	3.72	806	21	14,998	3.73	560	8-72		33	1,000	.01	37	72
51-07-9281	6780178	1502685	12-66	2	304	23,745	3.30	784	25	16,090	3.78	609	1-72	B	25	1,006	-.07	25	62
51-07-9281	7026299	1494828	11-67	3	269	20,563	3.95	813	11	16,650	3.87	645	4-72	B	33	621	.08	35	55
51-07-9281	7153243	1347940	8-68	2	305	20,165	3.84	775	24	16,240	3.76	610	1-72		40	899	.02	36	67
51-07-9375	6516433	1263152	1-66	4	305	25,110	3.29	825	23	16,490	3.31	546	3-73		44	1,123	-.02	38	78
51-07-9375	6715195	1347940	2-67	4	302	18,565	3.68	684	21	15,472	3.64	563	12-72		44	845	.01	32	61
51-07-9375	7499395	1347940	9-69	2	296	19,280	3.86	745	31	15,035	3.65	549	3-73		40	907	.03	38	69
51-07-9382	6504509	1279868	11-65	5	300	20,060	3.77	756	10	17,324	3.77	653	3-72		42	671	.02	27	50
51-07-9382	6721608	1379208	11-66	5	289	20,546	3.99	820	12	17,920	3.92	702	11-72		44	687	.04	31	54
51-07-9382	7558897	1441440	5-70	1	305	20,880	3.98	832	13	17,540	3.84	674	8-72		36	619	.05	30	50
51-07-9390	6066318	1415405	3-64	6	305	21,135	4.00	845	24	17,048	3.71	633	7-72		44	737	.04	32	57
51-07-9390	6695101	1466179	9-66	3	301	22,626	3.33	754	18	16,596	3.56	590	8-71		38	1,263	-.06	36	82
51-07-9394	6945764	1347940	6-67	3	300	18,183	3.77	686	46	14,126	3.81	538	9-72		42	907	.01	34	65
51-07-9394	7813466	1406271	9-69	1	305	20,780	3.73	776	47	15,150	3.93	596	9-72		36	826	.03	34	62
51-07-9407	6477437	1336050	8-65	5	302	18,244	4.25	775	17	15,274	3.93	601	6-72		44	762	.07	38	63
51-08-0005	7703423	1458744	1-69	2	303	18,595	3.44	639	23	14,355	3.57	513	9-72		40	825	-.02	26	55
51-08-0005	7703424	1458744	1-69	2	305	19,875	3.20	636	18	15,010	3.61	542	12-72		40	901	-.06	23	56
51-08-0009	7860587	010290863	4-67	1	305	24,180	3.63	877	8	13,220	3.35	443	8-72		30	747	.03	31	56
51-08-0023	6977657	1383247	10-67	3	305	22,276	3.26	726	7	16,746	3.61	604	3-73	•	42	877	-.09	17	50
51-08-0023	7256817	1383247	7-68	3	305	20,136	3.77	760	10	14,946	3.60	538	7-72		42	797	-.01	27	55
51-08-0041	6924493	1347940	7-67	4	305	19,497	3.67	715	19	15,160	3.63	551	3-73		44	991	.01	37	71
51-08-0041	7255919	1347940	1-69	2	305	16,375	3.64	596	32	13,745	3.65	502	9-72		40	717	.00	26	51
51-08-0041	7489731	1347940	10-69	1	295	18,630	3.78	705	38	13,910	3.66	509	9-72		36	839	.02	33	62
51-08-0066	7489851	1427381	9-69	1	305	19,360	3.69	714	23	16,480	3.68	606	10-72		36	953	.04	41	73
51-08-0075	6396623	1242221	8-65	6	294	15,905	3.53	562	8	12,517	3.63	454	5-72		43	970	-.01	33	67
51-08-0090	7272128	1357743	1-68	3	298	21,533	3.69	794	17	16,373	3.45	565	6-72		42	729	.01	27	52
51-08-0090	7272133	1512410	7-68	2	305	23,565	3.07	724	18	17,060	3.53	602	5-72		29	927	-.09	19	54
51-08-0105	6664028	1347940	10-66	4	301	20,570	3.53	726	20	16,620	3.53	586	2-72		44	979	.00	35	69
51-08-0105	6721282	1347940	9-66	2	298	23,805	2.79	665	18	16,125	3.50	564	3-72		40	1,278	-.11	28	75
51-08-0113	7413421	1347940	9-68	1	305	23,320	2.95	689	9	16,700	3.52	588	12-71		36	1,022	-.06	27	64
51-08-0113	7534783	1347940	8-68	1	287	19,330	3.40	658	9	16,700	3.52	588	12-71		36	725	-.01	25	50
51-08-0118	7151269	1347940	4-68	3	303	21,830	2.93	639	7	17,350	3.50	608	1-73		42	1,030	-.10	22	60
51-08-0118	7448406	1406271	7-69	1	305	20,890	3.58	748	16	15,660	3.33	521	8-72		36	803	.05	37	64
51-08-0118	7448407	1406271	11-69	1	305	22,730	2.67	608	15	16,800	3.35	563	10-72		36	873	-.05	24	56
51-08-0118	7968460	1406271	11-69	1	305	23,600	2.38	561	17	16,240	3.30	536	7-72		36	971	-.08	22	58
51-08-0130	7313087	1427381	4-69	2	290	18,380	3.34	614	16	14,870	3.62	539	7-72		40	1,029	.01	38	74
51-08-0140	7546739	1464901	11-69	2	299	18,680	3.73	696	14	17,120	3.65	625	11-72		38	730	-.01	24	50
51-09-0007	6923415	1330987	11-67	2	299	18,000	3.60	648	5	13,590	3.58	486	9-72		40	686	.04	31	54
51-09-0029	7160258	1309574	8-68	2	305	17,460	3.96	691	35	12,805	3.86	494	7-72		40	643	.06	33	54
51-09-0039	7481133	1441440	12-69	1	305	21,040	3.49	734	34	15,700	3.78	594	5-72		36	740	.00	27	53
51-09-0115	7028940	1320310	12-67	3	298	16,937	3.91	663	27	15,033	3.71	558	8-72		42	758	.00	27	53
51-09-0173	7561587	1347940	12-68	1	305	19,620	4.12	808	13	15,400	3.62	558	4-72		36	824	.05	37	65
51-09-0199	6971447	1347940	11-67	4	292	19,105	3.65	698	11	14,612	3.72	544	1-73		44	996	.00	36	71
51-09-0199	7468693	1406271	3-69	2	305	17,660	3.62	640	18	12,895	3.82	493	11-72		40	823	.02	33	61
51-09-0202	7735098	1508556	6-69	2	301	18,465	5.25	969	40	14,825	3.99	592	9-72		35	544	.21	52	66
51-09-9187	6805058	1406271	11-66	4	301	19,823	3.27	648	36	16,050	3.68	591	5-72		44	855	-.02	27	57
51-09-9187	6805062	1392774	2-67	3	305	20,123	4.47	899	27	16,413	3.66	601	2-72		42	459	.15	39	51
51-09-9187	7234127	1447141	11-68	3	295	20,783	3.84	798	27	17,190	3.76	647	3-73		42	617	.07	33	53
51-09-9187	7234132	1347940	11-68	2	302	18,715	3.88	727	47	16,490	3.59	592	6-72		40	732	.04	32	57
51-09-9187	7339972	1347940	5-68	3	305	18,850	3.55	670	34	15,786	3.71	585	10-72		42	831	-.01	28	57
51-10-0010	7204089	1347940	12-68	2	294	20,330	3.13	637	17	16,055	3.66	588	6-72		40	931	-.06	24	58
51-10-0010	7779910	1347940	3-71	1	305	20,270	3.54	718	11	16,910	3.78	640	3-73		36	782	-.01	26	54
51-10-0010	7849411	1471956	5-71	1	305	23,750	3.66	869	13	16,580	3.78	626	2-73		35	932	-.01	32	65
51-10-0022	7580296	1445278	11-69	2	305	21,005	3.60	757	19	16,785	3.72	625	4-73		40	878	-.07	20	52
51-10-0022	7669119	1400575	10-70	1	305	23,910	3.58	855	30	16,520	3.67	606	3-73		35	929	-.07	22	56
51-10-0105	7168466	1347940	7-68	3	305	16,400	3.63	595	34	13,173	3.79	499	1-73		42	790	-.01	27	55
51-10-0137	7205288	1347940	11-68	3	305	17,780	3.70	658	77	15,273	3.77	576	3-73		42	756	.00	27	53
51-10-0137	7427474	1406271	8-69	2	305	19,405	3.94	764	127	15,300	3.80	581	12-72		40	805	.07	39	65
51-10-0137	7490306	1406271	12-69	2	302	17,460	4.05	707	80	15,530	3.82	594	2-73		40	589	.07	32	51
51-10-0137	7490311	1347940	11-69	1	305	17,980	3.70	666	38	14,410	3.74	539	5-72		36	761	.00	28	54
51-10-0137	7490314	1347940	12-69	2	302	18,690	3.72	696	110	15,415	3.80	586	12-72		40	816	.00	30	58
51-10-0151	7035286	1261857	3-68	2	305	21,410	4.03	862	15	17,145	3.69	632	2-73		40	800	.11	45	70
51-10-9018	7385206	1527285	3-69	1	305	26,220	2.91	762	73	18,810	3.35	630	9-71		24	964	-.12	16	53
51-10-9098	6094769	1122127	6-64	6	301	20,195	3.69	746	49	16,398	3.70	606	4-72		44	817	-.03	25	54
51-10-9098	6472843	1347940	8-65	4	303	19,357	3.49	675	47	15,322	3.69	565	9-71		44	957	-.02	31	65
51-10-9098	6722741	1379208	10-66	4	303	20,355	3.66	745	49	16,068	3.70	594	6-72		43	832	.01	31	60
51-10-9098	6842057	1347940	4-67	3	302	16,500	3.92	647	49	14,780	3.70	547	9-71		42	654	.03	28	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
51-10-9098	6939084	1379208	7-67	3	305	20,807	3.61	751	44	15,810	3.69	583	8-72		42	879	.00	32	$ 63
51-10-9098	6939096	1347940	10-67	3	305	18,810	3.41	642	40	14,713	3.72	548	10-72		42	926	-.03	28	61
51-10-9098	7332160	1447141	11-68	2	305	23,480	3.83	899	42	15,900	3.70	589	5-72		40	945	.08	46	77
51-10-9098	7340450	1357797	11-68	2	301	18,405	4.10	755	52	15,280	3.68	562	9-72		40	540	.15	42	57
51-10-9098	7340461	1347940	12-68	2	305	18,035	3.53	636	46	15,345	3.68	565	7-72		40	756	-.01	25	52
51-10-9098	7340464	1347940	2-69	2	303	19,575	3.72	728	50	14,880	3.69	549	8-72		40	950	.01	36	69
51-10-9098	7340465	1347940	3-69	2	305	19,300	3.81	736	43	14,910	3.81	568	11-72		40	919	.01	35	67
51-10-9098	7340466	1347940	3-69	1	305	20,380	3.88	790	33	16,670	3.73	622	4-72		36	805	.02	32	60
51-10-9098	7689066	1427381	4-70	1	305	23,700	3.23	766	48	15,850	3.71	588	6-72		36	1,313	-.01	46	92
51-10-9098	7689067	1427381	7-70	1	305	18,540	4.13	765	19	16,010	3.78	605	2-73		36	919	.08	45	75
51-10-9098	7822118	1427381	11-70	1	305	20,120	3.90	784	15	16,530	3.76	621	3-73		36	1,006	.06	45	79
51-10-9098	7822119	1427381	11-70	1	305	18,140	3.91	709	15	16,530	3.76	621	3-73		36	859	.06	40	68
51-10-9118	7409197	1524956	6-69	2	303	20,925	3.86	807	30	15,895	3.91	621	7-72		38	926	-.01	31	64
51-10-9146	6615358	1381027	6-66	4	287	22,705	3.96	898	27	15,235	3.77	574	3-72		44	830	.07	41	68
51-10-9146	6976959	1406271	2-67	3	305	20,747	3.91	812	14	14,323	3.78	541	3-72		42	1,094	.06	49	86
51-11-0005	6937889	1487878	9-67	3	305	20,353	3.76	766	20	16,340	3.79	620	3-72		32	706	.00	25	50
51-11-0005	6937893	1458744	11-67	4	305	19,645	3.69	725	16	16,757	3.82	640	4-73		44	787	-.01	26	54
51-11-0021	7565397	1427381	3-70	1	299	16,520	3.88	641	16	14,410	3.91	564	7-72	H	36	864	.04	38	67
51-11-0050	6712682	1392774	10-66	5	297	20,944	3.83	803	31	16,594	3.65	606	11-72		44	603	.05	30	50
51-11-0050	6937990	1347940	6-67	4	304	20,637	3.96	818	32	17,000	3.62	615	1-73		44	950	.06	44	76
51-11-0050	7158647	1383247	7-68	2	305	22,620	3.69	834	23	16,825	3.67	618	2-72		40	832	-.03	25	55
51-11-0050	7235008	1347940	1-69	3	288	19,823	3.37	668	24	17,646	3.65	644	1-73		42	772	-.04	22	50
51-11-0050	7473536	1524956	10-69	1	305	21,670	3.91	848	53	17,440	3.68	642	9-71		34	768	.00	27	54
51-11-0117	6567672	1443756	9-65	5	305	17,606	3.92	690	23	13,288	3.79	503	6-72		36	681	.05	32	55
51-11-0121	6837025	1490212	5-67	4	305	20,655	3.09	638	14	14,832	3.70	549	1-73		35	1,203	-.11	26	71
51-11-0121	6837026	1490212	5-67	3	305	20,340	3.51	713	13	15,323	3.58	549	4-72		33	1,057	-.02	35	72
51-11-0121	6837027	1490212	5-67	4	262	18,242	3.91	713	12	14,550	3.73	543	3-73	B	35	889	.03	37	67
51-11-0121	6935888	1490212	6-67	4	305	19,610	3.09	606	10	13,597	3.68	500	10-72		35	1,195	-.10	27	71
51-11-0121	6935889	1490212	6-67	4	305	20,262	3.20	648	13	14,790	3.75	554	2-73		35	1,151	-.09	27	69
51-11-0121	6935890	1490212	8-67	3	305	19,863	3.51	698	16	13,816	3.73	515	2-72		33	1,154	-.03	37	78
51-11-0121	6935891	1490212	8-67	4	293	18,322	3.78	693	14	13,805	3.64	503	10-72	B	35	986	.02	39	73
51-11-0121	7064438	1347940	2-68	2	238	17,105	3.55	607	21	14,615	3.67	537	10-71	B	40	720	-.01	25	50
51-11-0121	7064439	1347940	3-68	2	255	19,040	3.49	665	19	14,845	3.66	543	8-71	B	40	898	-.01	30	62
51-11-0121	7650243	1458744	12-69	1	305	19,480	3.21	626	13	14,650	3.66	536	7-72		36	786	-.05	21	50
51-11-0121	7687135	1490212	10-69	2	305	22,820	3.53	805	9	15,895	3.79	602	4-73		30	1,239	-.04	39	83
51-11-0121	7687138	1458744	1-70	1	305	18,790	3.54	665	13	14,650	3.66	536	7-72		36	734	-.02	24	50
51-11-0133	6977000	1347940	11-67	3	305	19,446	4.15	807	52	13,996	3.77	528	10-72		42	1,065	.07	49	84
51-11-0133	6999739	1347940	11-67	2	305	15,960	4.07	649	50	13,865	3.75	520	6-72		40	665	.04	30	52
51-11-0133	7011511	1347940	11-67	3	305	19,536	3.71	725	27	16,033	3.74	600	1-72		42	888	.00	32	63
51-11-0133	7333404	1347940	10-68	2	305	17,650	3.38	597	42	14,355	3.67	527	6-72		40	797	-.03	24	53
51-11-0143	6909432	1273756	2-67	4	299	18,708	3.59	672	14	14,845	3.79	562	2-72		44	773	.01	29	56
51-11-0143	6917128	1347940	10-67	3	293	16,156	3.74	604	32	13,530	3.78	512	10-72		42	729	.01	27	52
51-11-0143	6977943	1347940	8-67	3	305	17,390	3.77	656	28	13,330	3.80	507	7-72		42	889	.01	33	64
51-11-0146	6411296	1406271	8-65	5	305	17,926	3.44	617	17	13,480	3.83	516	7-72		44	893	-.01	30	61
51-11-0146	6648042	1406271	6-66	5	301	17,972	4.21	756	17	13,286	3.88	516	7-72		44	919	.10	48	78
51-11-0146	6835406	1406271	2-67	4	305	20,848	3.66	764	13	13,580	3.88	527	11-72		44	1,225	.02	47	89
51-11-0146	6927111	1406271	8-67	4	303	18,633	3.61	672	12	14,073	3.83	539	4-73		44	903	.02	35	66
51-11-0146	7178764	1320310	7-68	2	305	17,585	3.39	597	18	13,980	3.88	543	3-72		40	901	-.08	20	53
51-11-0146	7374499	1320310	4-69	1	305	18,230	3.56	649	15	14,380	3.69	531	2-72		36	867	-.05	24	55
51-11-0149	5810103	1322226	11-62	4	305	20,335	3.34	679	35	15,007	3.76	565	1-73		35	930	-.09	19	54
51-11-0149	7148383	1347940	7-68	2	305	16,675	4.12	687	20	12,555	3.77	473	2-73		40	844	.05	38	66
51-11-0149	7295715	1458744	1-69	2	301	17,800	3.97	706	26	11,915	3.78	450	11-72		40	942	.03	38	70
51-11-0149	7645163	1427381	4-70	1	305	16,480	4.19	691	31	12,460	3.93	490	10-72		36	978	.07	46	78
51-11-0149	7818944	1347940	10-69	1	305	16,590	3.83	635	19	13,630	3.61	492	2-72		36	704	.02	28	52
51-11-0151	6884363	1347940	4-67	4	298	17,815	3.77	672	18	12,417	3.70	459	11-72		44	1,054	.02	41	77
51-11-0151	6923357	1347940	9-67	4	301	16,542	3.66	605	13	13,470	3.67	494	2-73		44	793	.00	29	57
51-11-0170	5916822	1122127	9-63	2	305	20,010	3.80	760	8	15,900	3.58	569	3-72		40	745	-.01	25	51
51-11-0170	6871714	1309574	3-67	2	305	19,960	4.20	838	23	15,595	3.92	611	5-72		40	671	.10	39	60
51-11-0170	7415608	1441440	8-69	2	300	16,685	4.08	681	9	13,850	3.65	505	8-72		40	579	.07	32	50
51-11-0171	6757584	1458744	1-67	4	302	19,902	3.76	749	19	15,835	3.76	595	12-72		44	910	.00	33	65
51-11-0171	6959213	1458744	10-67	3	300	20,236	3.38	684	20	15,740	3.70	582	2-73		42	929	-.05	26	60
51-11-0171	7292278	1347940	10-68	2	305	20,345	3.54	721	26	15,685	3.72	584	11-72		40	962	-.02	32	66
51-11-0171	7356450	1458744	12-68	3	305	18,776	3.65	686	16	16,013	3.72	595	3-73		42	736	-.01	25	51
51-11-9034	5348366	1189870	3-61	8	305	19,061	3.67	699	25	15,021	3.63	546	10-72		44	687	.02	28	51
51-11-9034	5789713	1399824	11-62	7	304	19,366	3.54	686	40	14,677	3.72	546	6-72		44	900	.00	32	63
51-11-9034	5813228	1399824	11-62	7	305	18,056	3.94	712	35	15,280	3.69	564	7-72		44	669	.06	34	56
51-11-9034	6511790	1309574	12-65	4	302	20,125	3.60	725	43	15,763	3.61	569	2-72		44	763	.04	34	60
51-11-9034	6744256	1399824	1-67	3	305	19,077	3.53	673	43	15,017	3.74	561	6-72		42	781	.00	28	55
51-11-9034	7049682	1347940	12-67	2	305	19,315	3.93	759	37	15,815	3.65	577	3-72		40	847	.04	37	65
51-11-9034	7225790	1427381	9-68	2	303	17,420	3.83	667	62	14,715	3.65	537	8-72		40	944	.06	43	74
51-11-9034	7458966	1427381	8-69	1	305	15,890	4.01	637	73	14,090	3.73	526	9-72		36	836	.06	40	68
51-11-9034	7458967	1427381	9-69	1	305	16,050	3.83	615	59	14,270	3.75	535	7-72		36	838	.05	38	66
51-11-9034	7510465	1427381	10-69	1	305	17,510	3.89	681	39	15,910	3.63	577	5-72		36	849	.06	40	68
51-11-9034	7586795	1427381	11-69	1	298	16,220	3.69	599	68	14,100	3.74	528	8-72		36	860	.04	37	66
51-11-9073	7140348	1458744	7-68	2	305	17,765	3.99	708	23	14,280	3.80	542	10-71		40	747	.03	31	56
51-11-9073	7649885	1427381	12-69	1	305	20,360	3.70	753	23	17,060	3.65	622	4-72		36	992	.05	43	76
51-11-9115	6757585	1458744	1-67	3	305	17,380	4.25	739	17	14,780	3.78	559	3-72		42	689	.06	34	57
51-11-9115	6757590	1458744	3-67	3	295	17,626	4.08	719	19	13,703	4.00	548	11-71		42	816	.02	33	61
51-11-9115	7133641	1458744	5-68	2	305	16,980	4.46	758	23	13,525	4.07	551	1-72		40	728	.06	35	59
51-11-9122	6713890	1458744	7-66	5	265	25,428	3.61	917	53	16,580	3.76	624	2-73		44	1,564	-.02	53	108
51-11-9122	6713895	1464924	8-66	4	303	25,180	3.83	964	55	16,113	3.75	605	2-72		33	1,525	.05	63	115
51-11-9122	6758764	1309574	12-66	3	305	19,963	3.56	710	71	14,823	3.80	564	2-72		42	797	.02	31	58
51-11-9122	6881529	1347940	5-67	3	305	17,763	3.60	640	58	14,986	3.73	559	8-72		42	780	-.01	26	54
51-11-9122	6933578	1493686	10-67	3	304	19,590	3.73	731	77	15,966	3.80	607	3-73		42	810	.03	33	61
51-11-9122	6945766	1347940	9-67	4	300	17,797	3.68	655	55	15,430	3.81	588	1-73		44	754	-.01	26	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T O	C REPT (%)	I N D E X..... COW MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
51-11-9122	7181862	1383247	10-68	3	297	20,203	4.22	853	52	16,106	4.07	656	10-72		42	698	.01	27	$ 51
51-11-9122	7368549	1355784	11-69	2	305	22,510	4.05	911	50	17,665	3.86	682	4-73		40	1,010	-.02	33	69
51-11-9122	7404561	1366229	9-69	2	305	21,835	4.02	877	85	17,165	3.80	653	1-73		40	592	.09	35	53
51-11-9122	7676509	1355784	6-70	1	305	22,740	3.42	778	92	16,470	3.85	634	10-72		35	984	-.10	19	56
51-11-9137	7031537	1404575	4-68	2	293	21,475	4.32	927	34	16,330	3.69	603	2-72		29	958	.11	52	83
51-11-9150	7144756	1383247	11-67	3	302	24,790	2.82	698	37	16,823	3.60	605	1-72		42	1,159	-.18	14	59
51-11-9150	7375605	1414618	1-68	4	305	22,332	3.54	790	33	16,652	3.62	603	12-72		44	888	-.02	29	60
51-12-0004	7490585	1406271	12-69	1	305	18,040	4.00	721	43	14,870	3.99	593	8-72		36	638	.05	30	51
51-12-0024	6938939	1347940	9-67	3	293	18,330	3.76	689	48	15,333	3.87	594	1-72		42	813	.00	29	57
51-12-0024	7111475	1491916	7-68	2	305	20,995	4.47	939	50	15,895	3.86	614	6-72		25	678	.13	44	64
51-12-0024	7323034	1347940	1-69	2	295	17,935	4.12	739	46	15,000	3.96	594	10-72		40	773	.03	33	59
51-12-0024	7466460	1445278	10-69	2	298	23,100	3.73	862	44	15,390	3.95	608	11-72		40	1,205	-.07	32	76
51-12-0048	7420509	1445278	10-69	2	305	19,945	3.61	720	36	15,440	3.78	584	11-72		40	879	-.08	19	52
51-12-0048	7423116	1406271	7-69	1	305	19,710	3.19	629	28	14,510	3.74	542	7-72		36	784	-.01	27	55
51-12-0048	7423118	1320310	9-69	1	305	22,780	3.51	800	33	14,430	3.69	532	8-72		36	1,203	-.05	35	78
51-12-0054	7365054	1347940	3-69	1	305	15,310	3.89	595	23	12,160	3.76	457	3-72		36	696	.02	28	52
51-13-0018	6887402	1500610	12-66	3	299	20,533	3.45	708	25	14,433	3.71	536	7-72		29	864	-.04	25	56
51-13-0018	7534666	1392774	11-69	2	305	22,345	3.67	819	45	15,930	3.68	587	1-73		40	668	.03	28	51
51-13-0064	6919697	1347940	5-67	3	291	18,256	3.49	638	18	15,936	3.72	593	5-72		42	749	-.03	23	50
51-13-0064	7334184	1406271	1-69	2	305	20,105	3.39	681	23	16,155	3.72	601	7-72		40	807	-.01	28	56
51-13-0150	6559943	1458744	1-66	2	305	17,685	4.08	721	31	14,445	3.65	527	3-73		40	725	.05	33	57
51-13-0150	6754299	1458744	1-67	1	305	19,720	3.37	665	58	14,310	3.71	531	10-72		36	824	-.04	24	54
51-13-0150	6905313	1458744	3-67	2	294	17,890	3.86	690	26	14,380	3.64	523	4-73		40	751	.02	30	56
51-13-0150	6975268	1458744	12-67	1	305	20,230	3.35	677	62	13,750	3.69	507	6-72		36	895	-.04	26	58
51-13-0150	7046056	1458744	2-68	2	305	21,580	2.92	630	40	14,565	3.67	535	2-73		40	1,111	-.11	23	64
51-13-0150	7912262	1458744	7-71	1	303	20,490	4.07	834	50	15,090	3.66	553	12-72		36	835	.03	35	63
51-13-0174	6132363	1329617	8-64	6	305	16,660	3.63	605	18	11,763	3.87	455	6-72		36	773	-.02	25	52
51-13-0174	6234852	1329617	12-64	4	305	16,148	3.95	638	15	11,995	3.83	460	4-72		35	652	.04	29	51
51-13-0213	6754293	1458744	1-67	1	305	18,280	3.67	671	30	13,870	3.58	496	11-72		36	743	.00	26	52
51-13-0213	7783094	1458744	2-71	1	305	20,660	3.17	655	26	14,490	3.56	516	12-72		36	883	-.05	24	56
51-13-9135	6226934	1447141	9-64	5	305	19,178	4.34	833	43	16,942	3.78	641	4-72		44	488	.15	40	53
51-13-9135	6274150	1447141	11-64	5	305	24,558	3.78	928	42	16,792	3.81	640	11-72		44	1,197	.06	52	92
51-13-9135	6401650	1271810	3-65	5	305	21,230	3.65	774	46	16,964	3.79	643	7-72		44	885	-.04	25	57
51-13-9135	6417155	1447141	9-65	5	305	20,252	4.25	861	39	17,144	3.77	646	12-72		44	605	.14	43	61
51-13-9135	6568262	1445926	11-65	5	305	21,686	4.15	901	53	17,488	3.81	667	7-72		32	757	.10	42	66
51-13-9135	6789739	1481973	1-67	4	305	20,347	4.39	894	38	17,650	3.74	660	1-73		35	544	.16	44	59
51-13-9135	6877020	1206797	12-66	4	304	21,355	3.69	787	49	17,285	3.82	660	12-72		44	725	-.01	25	50
51-13-9135	6969400	1481973	1-68	2	305	22,620	3.61	816	38	17,720	3.74	663	12-71		30	727	.01	28	53
51-13-9135	7003071	1206797	7-67	3	305	22,940	3.97	910	51	17,116	3.80	651	7-72		42	887	.05	39	69
51-13-9135	7150666	1447141	8-68	2	305	24,290	3.96	961	50	17,020	3.78	644	6-72		40	936	.09	48	78
51-13-9135	7308236	1447141	11-68	3	303	21,610	4.33	936	44	17,876	3.80	679	1-73		42	649	.15	46	65
51-13-9135	7308239	1447141	4-69	2	305	26,560	3.16	838	41	17,070	3.74	639	2-73		40	1,162	-.04	36	77
51-13-9135	7613149	1271810	11-69	2	305	23,360	3.70	864	45	17,930	3.75	673	1-73		40	912	-.03	28	61
51-13-9135	7993551	1392858	12-69	2	305	28,095	3.46	973	40	17,590	3.75	660	3-73		40	1,298	-.01	45	90
51-14-0004	6889467	1347940	8-67	3	305	17,396	3.59	625	11	14,113	3.55	501	1-73		42	818	.00	30	58
51-14-0044	7399500	1347940	8-69	1	305	16,310	3.93	641	14	12,920	3.53	456	11-72		36	725	.03	31	55
51-14-0044	7399501	1524956	9-69	1	285	17,900	3.76	673	13	12,650	3.53	447	11-72		34	773	-.01	26	53
51-14-0064	7140394	1347940	6-68	3	305	18,786	3.53	663	14	13,800	3.70	510	3-73		42	1,007	-.01	34	69
51-15-0037	7162434	1526204	9-68	3	305	21,750	3.61	785	10	15,373	3.69	568	3-73		33	984	-.02	33	68
51-15-0037	7935880	1458744	7-70	1	305	18,890	3.52	665	16	13,780	3.68	507	10-72		36	793	-.02	25	53
51-15-0105	6773156	1433885	4-65	6	303	19,432	4.05	787	17	15,695	3.90	612	4-73		43	585	.07	32	51
51-15-0105	6995048	1347940	8-67	3	305	19,003	4.08	775	20	15,236	3.81	581	3-73		42	900	.05	40	70
51-15-0109	6835728	1347940	2-67	3	302	19,103	3.70	706	18	14,673	3.86	566	7-72		42	963	-.01	33	67
51-15-0120	7113497	1347940	10-67	2	305	20,215	3.81	770	49	15,565	3.86	601	2-72		40	959	.01	36	69
51-15-0124	6013387	1189870	10-63	4	305	22,065	3.65	806	32	18,328	3.75	687	1-73		44	710	.00	26	51
51-15-0124	6156767	1423843	4-64	5	305	23,850	3.41	814	23	18,516	3.76	697	2-73		32	969	-.07	24	60
51-15-0124	6451007	1329588	11-65	5	299	23,434	3.47	812	19	19,360	3.74	725	11-72		44	833	-.06	21	51
51-15-0124	6624112	1406271	9-66	5	304	19,864	4.00	795	30	18,258	3.80	694	12-72		44	650	.08	35	56
51-15-0124	6782601	1237057	12-66	4	305	24,687	3.49	862	21	18,882	3.76	710	10-72		44	1,007	-.07	25	62
51-15-0124	7734847	1427381	6-69	1	305	22,180	3.71	823	26	17,730	3.85	683	2-73		36	1,088	.04	45	82
51-15-0124	7734848	1427381	6-69	1	305	20,680	3.73	771	24	14,440	3.93	567	8-72		36	1,172	.04	48	88
51-15-0124	7734849	1427381	8-69	1	305	21,350	3.50	748	24	14,810	3.81	564	7-72		36	1,200	.02	46	87
51-15-0124	7734850	1427381	8-69	1	305	22,730	3.78	860	24	14,810	3.81	564	7-72		36	1,303	.04	54	98
51-15-0124	7734851	1427381	9-69	1	305	27,370	4.21	1151	20	16,040	3.82	612	5-72		36	1,575	.10	73	125
51-15-0124	7734852	1427381	9-69	1	305	23,120	4.04	933	24	14,440	3.93	567	8-72		36	1,354	.07	60	105
51-15-0124	7734854	1427381	11-69	1	305	19,270	4.01	772	24	14,440	3.93	567	8-72		36	1,067	.06	48	84
51-15-0124	7734857	1427381	12-69	1	305	20,410	3.77	769	24	14,440	3.93	567	8-72		36	1,152	.04	47	86
51-15-0124	8036507	1427381	6-70	1	305	23,450	4.17	978	31	18,280	3.81	697	1-73		36	1,150	.09	55	93
51-15-0124	8036533	1458744	12-70	1	305	21,590	3.84	828	30	18,290	3.90	714	12-72		36	726	-.01	25	50
51-15-0124	8145923	1383311	7-70	1	305	26,320	3.27	925	28	18,190	3.95	719	11-72		36	893	-.08	20	53
51-15-0126	5118337	1332685	7-59	9	298	18,919	4.31	816	13	15,823	3.93	622	12-72		35	493	.13	37	51
51-15-0129	7306050	1459239	5-67	3	305	19,050	4.37	833	7	13,110	3.96	519	3-73		32	733	.11	44	67
51-15-0130	6388508	1446706	8-65	2	277	22,735	3.65	830	14	15,185	3.96	601	8-72		39	844	.01	32	61
51-15-0130	6750471	1347448	12-66	3	305	22,790	3.81	868	11	15,410	3.65	563	3-72		42	973	.05	43	76
51-15-0130	7393039	1445278	9-69	1	305	21,580	3.82	824	10	15,270	3.98	608	6-72		35	916	-.07	22	56
51-15-0134	7375551	1417208	7-69	1	305	20,220	4.00	808	20	16,960	3.66	620	6-72		36	630	.04	29	50
51-15-0134	7764855	1427381	10-70	1	300	26,890	3.53	950	21	16,790	3.72	624	8-72		36	1,495	.03	58	109
51-15-0136	7441832	1427381	12-69	1	305	20,190	4.51	910	37	18,160	4.03	732	1-73		36	914	.10	48	77
51-15-0136	7445888	1528138	2-69	1	305	24,180	3.77	912	32	16,200	4.01	650	8-72		22	952	.01	36	69
51-15-0136	7484717	1528138	2-69	1	305	19,990	4.27	853	20	16,020	3.85	617	6-72		22	584	.08	33	51
51-15-0138	6963481	1414618	9-67	2	305	22,730	3.39	771	54	16,865	3.55	598	4-73		40	786	-.03	24	52
51-15-0138	7234081	1458744	11-68	2	305	19,690	3.39	667	24	15,500	3.59	556	6-72		40	843	-.03	25	53
51-15-0138	7356411	1347940	1-69	2	301	19,620	3.62	710	19	15,400	3.59	553	6-72		40	912	.01	34	66
51-15-0138	7510888	1427381	12-69	1	305	18,860	3.41	644	64	16,610	3.70	615	1-73		36	908	.02	35	66
51-15-0138	7798103	1347940	3-71	1	305	21,390	3.02	646	24	16,050	3.71	595	4-73		36	917	-.06	23	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT D	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
51-15-0138	7946830	1347940	5-71	1	265	21,500	3.33	715	62	16,520	3.69	610	2-73	36	897	-.03	27	$ 59
51-15-9119	6171311	1122127	10-64	5	305	19,738	3.86	761	41	16,174	3.64	588	2-72	44	781	.00	28	55
51-15-9119	6527283	1271010	12-65	4	305	21,408	3.91	838	52	16,348	3.72	608	1-72	44	945	.01	35	68
51-15-9119	6586940	1347940	12-65	4	305	19,157	3.96	758	18	15,730	3.90	613	4-72	44	892	.03	37	67
51-15-9119	6767177	1458744	12-66	4	302	19,202	3.72	715	44	16,802	3.66	615	6-72	44	727	.01	27	52
51-15-9119	6851994	1347940	6-67	4	305	20,105	3.69	742	44	16,850	3.74	630	3-73	44	899	.00	33	64
51-15-9119	6851995	1347940	7-67	3	305	19,290	3.59	693	45	16,846	3.73	628	1-72	42	784	-.01	26	54
51-15-9119	6938368	1347940	7-67	3	294	18,516	3.53	654	55	15,546	3.75	583	10-71	42	815	-.02	26	55
51-15-9119	6964920	1347940	1-68	3	305	21,646	4.21	912	46	17,993	3.75	674	3-73	42	950	.08	47	78
51-15-9119	7066406	1470072	4-67	4	304	22,223	3.52	782	61	16,628	3.72	619	10-72	36	1,119	-.05	32	72
51-15-9119	7072251	1347940	10-66	4	300	20,237	3.52	713	50	16,605	3.65	606	5-72	44	939	-.01	32	65
51-15-9119	7080945	1355784	2-68	3	298	22,760	3.13	712	54	17,876	3.79	677	1-73	42	1,083	-.16	14	56
51-15-9119	7151556	1355784	9-68	2	305	23,930	3.52	843	71	18,300	3.84	702	1-73	40	1,103	-.10	24	65
51-15-9119	7233833	1458744	11-68	2	305	22,710	3.30	750	41	18,590	3.72	691	1-72	40	899	-.06	23	56
51-15-9119	7233838	1347940	11-68	2	305	19,875	3.78	752	53	17,445	3.71	647	7-72	40	772	.01	30	57
51-15-9119	7406424	1392858	7-69	2	305	23,260	4.18	973	72	18,295	3.81	697	1-73	40	750	.10	42	66
51-15-9119	7406426	1534891	8-69	2	305	21,965	3.79	833	74	17,705	3.83	678	11-72	29	814	.00	29	57
51-15-9119	7447916	1392858	10-69	1	305	25,240	4.10	1034	82	18,700	3.74	699	11-72	36	731	.08	38	62
51-15-9119	7561590	1347940	12-69	1	305	20,960	3.33	699	77	17,170	3.74	642	8-72	36	818	-.04	24	53
51-15-9119	7561798	1445278	11-69	1	305	24,280	3.73	906	58	17,230	3.74	644	6-72	35	1,001	-.06	26	62
51-15-9119	7561809	1458744	1-70	1	305	22,080	3.38	747	48	17,080	3.72	636	6-72	36	834	-.04	24	54
51-15-9119	7561810	1458744	2-70	1	305	21,860	3.59	785	54	16,890	3.71	626	7-72	36	829	-.02	27	56
51-15-9119	7561811	1458744	2-70	1	305	19,940	4.06	810	54	16,890	3.71	626	7-72	36	686	.03	29	52
51-15-9119	7561812	1458744	3-70	1	305	23,040	3.81	878	48	17,080	3.72	636	6-72	36	906	.00	33	65
51-15-9119	7667250	1535960	6-70	1	305	25,060	3.69	924	75	17,900	3.75	671	10-72	29	973	.04	42	75
51-15-9119	7819229	1458744	11-70	1	305	24,010	3.49	839	77	19,650	3.75	736	12-72	36	825	-.03	25	54
51-15-9119	7849249	1347940	10-70	1	305	23,980	3.81	914	74	19,760	3.74	740	12-72	36	889	.01	34	65
51-15-9121	5336249	1189870	1-61	8	285	21,724	3.73	810	29	16,496	3.75	618	4-72	44	878	.02	35	65
51-15-9121	5857969	1122127	1-63	5	305	23,716	3.49	827	51	17,024	3.55	605	8-72	44	1,207	-.05	35	78
51-15-9121	5951599	1427687	7-63	7	274	23,697	3.29	779	40	17,119	3.66	627	10-72	34	1,109	-.08	27	68
51-15-9121	5993326	1399024	6-63	6	305	19,605	3.47	680	40	16,377	3.58	586	4-73	44	755	.00	27	53
51-15-9121	6719857	1376810	1-67	3	305	23,747	3.68	875	40	16,617	3.60	599	6-72	42	1,058	-.01	37	74
51-15-9121	6866028	1347940	8-67	3	305	21,176	3.91	828	63	17,096	3.67	628	11-72	42	978	.04	42	75
51-15-9121	6886518	1347940	5-67	2	305	21,575	3.48	751	38	18,005	3.52	633	11-71	40	899	.00	32	63
51-15-9121	6963485	1347940	1-68	3	305	25,100	3.61	905	36	17,833	3.56	635	4-72	42	1,362	.01	50	97
51-15-9121	6966121	1347940	1-68	3	297	18,603	3.70	689	7	15,493	3.80	588	3-73	42	830	-.01	29	58
51-15-9121	6989614	1347940	9-67	2	273	18,760	4.06	761	46	16,220	3.71	601	7-72	B 40	758	.05	35	60
51-15-9121	6989615	1347940	10-67	3	298	21,240	3.73	792	69	16,433	3.68	604	9-72	42	1,047	.01	40	76
51-15-9121	7063797	1347940	8-67	2	305	20,980	3.62	759	60	16,225	3.79	615	9-72	40	983	-.01	34	68
51-15-9121	7216734	1487697	11-68	2	212	22,470	3.59	806	67	17,365	3.64	632	11-72	B 38	638	.05	30	51
51-15-9121	7510868	1464901	12-69	1	305	23,060	3.44	794	52	17,540	3.80	666	12-72	34	1,020	-.06	28	65
51-15-9121	7510884	1427381	8-69	2	305	21,295	3.30	702	66	17,340	3.66	634	11-72	40	1,124	-.01	39	78
51-15-9121	7510887	1427381	11-69	1	305	22,940	3.16	725	65	16,370	3.87	634	10-72	36	1,226	-.03	40	83
51-15-9121	7510889	1427381	2-70	1	305	22,790	3.50	798	36	18,250	3.79	691	1-73	36	1,103	.01	42	80
51-16-0044	6864629	1347940	7-67	2	305	16,830	4.21	708	14	14,755	3.91	577	5-72	40	681	.05	32	55
51-16-0044	7185211	1347940	6-68	2	305	17,595	3.77	664	19	15,220	3.96	603	12-71	40	721	-.01	25	50
51-16-0056	7778168	1547077	8-70	1	305	20,140	3.47	698	8	12,380	3.72	460	9-72	24	930	-.07	23	57
51-16-0061	6852237	1347940	3-67	3	305	16,110	4.15	669	16	13,643	3.86	526	7-72	42	714	.05	33	57
51-16-0061	7422659	1406271	8-69	2	300	18,210	4.04	736	19	15,735	3.62	570	2-73	40	649	.09	37	57
51-16-0063	7141186	1347940	8-67	3	305	19,436	3.95	767	26	14,150	3.89	550	10-72	42	1,049	.03	42	78
51-16-0063	7141192	1347940	10-67	2	305	18,750	3.65	685	26	13,870	3.86	535	10-71	40	948	-.01	33	66
51-16-0063	7611658	1406271	9-69	1	296	18,560	3.64	675	30	13,810	4.00	552	8-72	36	740	.02	29	54
51-16-0063	7611659	1406271	9-69	1	305	18,220	3.63	661	30	13,810	4.00	552	8-72	36	715	.01	28	53
51-16-0063	7611667	1347940	4-69	2	305	18,380	3.78	694	21	15,955	3.91	624	2-73	40	741	.00	26	52
51-16-0063	7611669	1347940	6-69	1	305	18,490	4.14	765	18	16,640	3.90	649	1-72	36	666	.03	29	51
51-16-0063	7650816	1447141	11-68	2	305	21,230	3.58	759	28	15,720	3.91	614	2-73	40	731	.02	30	55
51-17-0008	7184012	1376810	11-68	3	304	20,827	3.76	784	27	15,453	3.73	576	4-73	42	827	-.01	28	57
51-17-0008	7230685	1347940	12-68	2	305	17,080	3.99	681	36	14,715	3.76	553	2-72	40	710	.04	31	55
51-17-0008	7284841	1387978	12-68	2	305	19,505	3.56	695	34	15,015	3.64	547	8-72	40	858	-.01	29	59
51-17-0008	7284846	1406271	1-69	3	303	19,537	3.72	726	27	15,603	3.73	582	4-73	42	837	.04	36	64
51-17-0008	7472596	1427381	8-69	1	305	17,100	3.75	641	40	15,540	3.78	587	11-71	36	840	.04	37	65
51-17-0008	7578414	1427381	1-70	1	305	19,240	4.26	820	37	15,650	3.78	591	4-72	36	993	.09	50	82
51-17-0008	7578416	1427381	4-70	1	305	18,250	3.83	699	34	15,050	3.67	553	6-72	36	955	.06	43	75
51-17-0008	7719678	1427381	9-70	1	305	17,020	4.18	711	32	14,440	3.71	536	8-72	36	900	.08	45	74
51-17-0008	7756501	1427381	7-70	1	305	18,900	3.98	753	36	14,610	3.74	546	10-72	36	1,030	.07	48	82
51-17-0035	6687186	1379208	9-66	4	304	20,653	3.82	788	38	15,813	3.67	580	11-72	43	895	.04	38	68
51-17-0035	6871804	1339464	7-67	4	300	22,475	3.27	734	33	15,740	3.67	578	10-72	44	986	-.12	17	54
51-17-0035	6995763	1476583	8-67	3	300	20,983	3.63	762	21	15,613	3.75	586	5-72	34	865	-.01	29	59
51-17-0035	7407559	1427381	4-69	1	305	17,830	3.95	705	36	14,590	3.58	523	8-71	Sr	951	.07	45	76
51-17-0036	5059864	1024856	9-59	9	303	19,232	4.17	802	19	15,240	3.80	579	8-72	44	548	.13	39	55
51-17-0036	6921408	1347940	11-67	3	305	25,690	3.15	808	25	18,003	3.58	645	7-72	42	1,414	-.08	38	89
51-17-0036	7116135	1347940	6-68	3	304	23,336	3.45	806	21	16,903	3.70	625	6-72	42	1,245	-.04	39	83
51-17-0036	7116136	1347940	7-68	3	305	21,196	3.77	799	25	17,070	3.68	628	10-72	42	983	.02	38	72
51-17-0036	7369897	1347940	6-69	2	299	21,965	3.25	713	26	16,685	3.72	620	7-72	40	1,046	-.05	29	67
51-17-0036	7410810	1347940	3-69	2	301	20,085	3.48	698	20	17,675	3.62	640	4-72	40	774	-.01	26	53
51-17-0036	7541455	1427615	1-70	2	305	27,260	2.77	754	27	17,955	3.54	635	12-72	40	1,451	-.22	17	73
51-17-0036	7571013	1399824	2-70	1	305	23,950	3.31	793	30	17,890	3.59	642	5-72	36	836	-.01	28	57
51-17-0036	7713888	1406271	7-70	1	305	23,000	3.19	734	25	18,730	3.43	642	12-72	36	778	.00	28	55
51-17-0037	6466594	1261857	1-66	5	302	21,720	4.60	1000	13	16,894	3.97	671	6-72	44	975	.19	65	94
51-17-0037	6763296	1261857	1-67	4	302	19,215	4.26	819	32	16,715	4.03	673	10-72	44	659	.11	40	60
51-17-0037	6892960	1261857	6-67	4	296	18,773	3.96	744	21	16,485	4.08	673	7-72	44	627	.06	31	51
51-17-0037	6943913	1376810	11-67	3	305	23,317	3.49	813	26	16,683	3.96	661	1-72	42	1,002	-.08	24	61
51-17-0037	7370084	1447141	3-69	2	303	22,125	3.64	806	20	16,620	4.09	680	6-72	40	749	.01	29	55
51-17-0037	7475048	1447141	9-69	2	305	19,760	4.54	897	15	17,370	3.90	677	3-73	40	448	.15	39	51
51-17-0037	7513970	1447141	3-70	2	303	21,110	4.75	1002	17	17,265	3.94	680	2-73	40	593	.18	49	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HEROMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
51-17-0039	6937876	1347940	9-67	3	298	18,386	3.67	674	16	14,510	3.55	515	10-72	H	42	895	.01	34	$ 65
51-17-0039	7130931	1347940	8-68	3	305	16,926	4.11	696	15	14,243	3.61	514	7-72		42	752	.06	37	62
51-17-0039	7471687	1320310	9-69	2	305	20,465	3.01	615	25	14,475	3.63	525	10-72		40	1,153	-.12	23	66
51-17-0050	7109306	1347940	12-67	2	305	18,190	3.69	672	12	15,380	3.78	581	11-71		40	768	.00	28	55
51-17-0050	7422325	1427381	6-69	2	292	17,865	4.12	736	14	15,205	3.73	567	8-72		40	949	.09	48	79
51-17-0075	5799868	1122127	11-62	9	305	19,586	4.44	870	21	15,860	3.97	630	10-72		44	794	.06	38	64
51-17-0075	5799872	1217478	4-63	7	305	19,073	4.82	919	17	15,914	3.95	629	2-73		44	526	.21	50	63
51-17-0075	6698946	1473936	12-66	5	302	20,928	3.48	728	23	16,664	3.94	656	11-72		40	962	-.07	23	50
51-17-0075	6767903	1447141	1-67	3	305	20,626	3.73	769	24	16,463	3.91	643	10-72		42	665	.04	30	52
51-17-0075	7534864	1447141	11-68	1	305	23,490	3.51	824	20	16,860	3.88	655	9-72		36	687	.02	28	51
51-17-0080	7204533	1447141	11-68	3	305	18,406	4.43	815	32	14,106	4.08	576	8-72		42	627	.13	42	61
51-17-0081	7118584	1347940	6-68	2	305	18,645	3.33	620	13	14,865	3.41	507	3-73		40	856	-.02	28	58
51-17-0095	7219751	1427381	10-68	2	299	18,145	3.81	691	21	15,900	3.86	613	2-72		40	921	.04	40	71
51-17-0095	7325325	1406271	2-69	2	305	16,210	4.17	676	22	14,580	3.50	510	7-72		40	539	.10	35	51
51-17-0095	7573633	1406271	3-70	1	289	18,690	3.73	698	19	15,040	3.69	555	1-73		36	676	.04	31	53
51-17-0095	7599765	1406271	2-70	1	305	17,270	4.46	771	23	13,910	3.63	505	6-72		36	638	.11	39	59
51-17-0110	6913741	1347940	7-67	3	296	17,223	3.90	672	46	15,370	3.70	568	8-72		42	683	.03	29	52
51-17-0110	7094468	1347940	2-68	3	303	18,866	3.57	674	42	15,300	3.70	566	9-72		42	878	-.01	30	61
51-17-0110	7517484	1447141	9-69	2	305	20,095	4.25	855	27	16,150	3.67	592	12-72		40	581	.13	41	58
51-17-0111	7032817	1347940	5-67	3	303	18,946	3.12	591	6	14,850	3.70	549	8-71		42	929	-.07	22	56
51-17-0144	7935031	1458744	12-70	1	305	19,950	3.59	716	11	14,290	4.09	585	12-72		36	842	-.04	24	54
51-17-0158	7803238	1427381	12-69	1	305	18,780	3.22	605	18	15,730	3.68	579	8-72		36	954	.00	35	68
51-17-0167	7061265	1347940	12-67	3	224	18,340	3.48	639	20	15,226	3.74	570	6-72		42	824	-.03	25	54
51-17-0170	7521753	1406271	7-69	2	303	24,110	3.46	835	21	20,120	3.72	748	12-72		40	891	.00	32	63
51-17-0171	7002071	1261857	9-67	3	305	16,420	4.19	688	18	13,983	3.68	514	2-73		42	571	.12	39	56
51-17-0175	7048097	1487697	12-67	4	299	20,700	4.20	870	14	16,393	3.57	585	10-72		42	636	.16	47	65
51-17-0175	7048099	1347940	4-68	2	305	21,345	2.95	629	10	16,685	3.69	615	4-72		40	983	-.09	21	58
51-17-0175	7417284	1406271	7-69	1	305	17,300	4.23	732	13	15,420	3.65	563	7-72		36	550	.09	33	50
51-17-0196	6971319	1331709	4-67	3	305	22,727	3.48	790	17	16,220	3.71	601	6-72		42	1,001	-.06	27	63
51-17-0197	7039752	1458744	1-68	3	305	23,393	3.30	771	16	14,993	3.76	563	4-72		42	1,361	-.07	38	87
51-17-0197	7209228	1347940	10-68	2	305	20,475	3.34	683	17	15,385	3.67	565	4-72		40	1,000	-.04	30	66
51-17-0197	7567842	1539377	10-69	2	305	19,040	3.65	695	21	14,135	3.62	511	2-73		29	778	.02	31	58
51-17-0197	7579388	1539377	10-69	2	305	19,370	3.74	725	22	14,155	3.64	515	11-72		29	816	.04	35	63
51-17-0197	7652625	1539377	4-70	1	305	18,880	4.04	762	24	14,220	3.76	534	9-72		23	627	.06	31	51
51-17-0198	7029582	1261857	12-66	3	303	18,770	3.62	679	14	14,947	3.50	523	4-72		42	753	.06	37	62
51-17-0198	7240042	1399283	7-68	2	305	19,595	3.54	692	19	13,945	3.64	508	9-72		40	792	-.04	23	51
51-17-0203	7075507	1347940	11-67	2	305	17,620	3.59	633	8	14,465	3.65	528	10-71		40	785	.00	28	55
51-17-0213	7422330	1427381	10-69	1	305	17,700	3.73	661	6	16,070	3.64	585	4-72		36	853	.05	38	67
51-17-0213	7672274	1427381	2-70	1	77	18,590	3.84	713	7	16,210	3.54	574	3-72	B	36	911	.07	43	73
51-17-0215	7340406	1447141	5-69	2	294	19,485	3.77	734	12	15,300	3.75	574	3-73		40	588	.06	31	50
51-17-0215	7370082	1406271	1-69	2	305	18,935	3.58	678	10	14,195	3.81	541	9-72		40	847	.02	33	62
51-17-0217	6763030	1458744	1-67	4	305	19,782	3.25	642	17	16,152	3.74	604	3-72		44	863	-.08	19	51
51-17-0217	7302527	1242221	2-69	2	305	17,465	3.38	591	15	15,055	3.71	558	4-72		38	881	-.03	27	58
51-17-0218	7586530	1320310	9-69	2	305	21,195	2.97	629	14	17,425	3.49	609	11-72		40	988	-.11	18	55
51-17-0242	7607742	1458744	1-70	1	305	20,150	3.68	742	6	14,480	3.79	549	10-72		36	846	-.01	29	59
51-17-0242	7627681	1458744	4-70	1	305	19,750	3.34	660	6	12,930	3.76	486	6-72		36	908	-.04	26	59
51-17-0242	7645858	1458744	8-70	1	305	19,610	3.52	691	9	13,850	3.73	517	8-72		36	843	-.02	27	57
51-17-0242	7645859	1458744	9-70	1	305	19,970	3.22	644	7	14,300	3.77	539	9-72		36	843	-.05	22	53
51-17-7207	6938475	1399824	7-67	2	305	17,360	4.35	756	25	15,140	3.77	571	12-72		40	551	.09	34	51
51-17-7207	7213163	1399824	11-68	2	305	20,265	3.77	765	15	15,325	3.73	572	3-72		40	831	.03	35	63
51-17-7207	7836575	1399824	10-70	1	305	20,720	4.20	871	25	15,160	3.69	559	12-72		36	758	.08	39	64
51-17-9120	7608651	1447141	7-68	3	292	22,870	3.18	728	37	15,413	3.67	565	10-72		42	1,020	-.02	33	69
51-17-9128	7553383	1347940	11-69	1	305	15,390	3.63	558	20	11,910	3.62	431	11-71		36	717	.00	26	51
52-04-0003	7027464	1491006	12-67	3	305	21,343	3.35	714	25	16,246	3.67	597	9-72		32	780	-.03	23	51
52-04-0003	7119670	1491007	4-68	2	305	19,105	3.40	650	38	15,845	3.85	610	10-71		40	837	-.04	24	54
52-04-0011	7110317	1347940	5-68	2	305	20,990	3.57	749	29	16,405	3.54	580	5-72		40	969	.01	36	70
52-04-0011	7110318	1347940	6-68	2	305	20,935	2.91	609	30	16,515	3.51	579	6-72		40	955	-.08	22	57
52-04-0011	7217871	1491007	11-68	1	305	16,430	4.25	698	35	14,710	3.60	530	8-71		35	642	.06	32	53
52-04-0011	7217872	1491007	12-68	2	305	18,355	3.97	729	28	16,200	3.44	557	11-72		40	731	.07	37	61
52-04-0011	7342650	1347940	6-69	2	305	20,850	3.39	707	27	17,290	3.45	596	1-73		40	883	-.01	30	61
52-04-0011	7407905	1406271	9-69	2	305	22,050	3.02	667	24	17,390	3.47	604	3-73		40	904	-.04	27	59
52-04-0011	7407911	1347940	10-69	1	305	22,250	3.45	768	30	16,460	3.52	579	6-72		36	957	-.01	33	67
52-04-0011	7517863	1441440	3-70	1	305	22,220	3.42	760	22	17,050	3.44	587	12-72		36	748	.02	30	56
52-04-0011	7616674	1441440	5-70	1	305	26,210	2.90	760	22	17,050	3.44	587	12-72		36	1,045	-.05	30	68
52-04-0030	7342349	1491007	1-69	3	305	21,020	3.84	807	31	18,093	3.56	645	2-73		42	886	.05	40	70
52-04-0030	7607479	1441440	1-70	2	305	21,465	3.69	792	35	18,170	3.60	654	3-73		40	713	.03	31	55
52-07-0013	7463775	1491007	2-68	3	305	17,670	3.25	575	11	13,623	3.42	466	2-73		42	912	-.02	29	61
52-07-0037	6877437	12616[illegible]7	3-67	4	297	17,910	3.73	668	18	14,923	3.59	535	5-72		44	675	.07	35	57
52-07-0055	7139908	[illegible] 9208	7-67	3	305	22,760	3.46	787	18	17,760	3.59	637	4-72		42	924	-.01	31	64
52-07-0055	7407888	[illegible] 03900	10-69	1	305	21,570	3.48	750	16	14,830	3.50	519	12-72		35	935	-.06	24	58
52-07-0055	7407889	.303900	10-69	1	305	21,490	3.64	782	31	16,120	3.61	582	6-72		35	850	-.05	23	54
52-07-0055	7591772	.303900	8-69	2	305	26,430	3.44	908	14	15,895	3.74	594	2-73		39	1,507	-.09	40	95
52-07-0095	6982764	1340243	11-67	3	305	21,690	3.40	737	18	14,057	3.61	507	7-72		42	775	-.03	24	52
52-07-0096	6387113	1244009	9-65	5	301	20,312	3.05	619	35	15,310	3.38	518	10-72		44	1,009	-.10	21	59
52-07-0096	6491026	1448297	8-66	3	305	20,476	2.96	606	30	15,060	3.37	508	9-71		42	903	-.11	16	50
52-07-0096	7536499	1347940	12-69	1	305	17,790	3.93	699	40	15,970	3.19	509	7-72		36	653	.06	32	53
52-07-0099	7406660	1347940	7-69	2	303	20,060	3.77	757	28	17,565	3.52	618	1-73		40	781	.03	33	59
52-07-0103	6612949	1473133	6-66	4	266	21,010	3.01	632	14	14,812	3.40	503	3-72		37	944	-.12	16	52
52-09-0092	7208614	1491007	2-68	3	303	18,026	3.62	652	22	15,006	3.54	531	6-72		42	825	.02	32	60
52-09-0092	7392573	1491007	3-68	2	305	19,910	3.30	658	24	13,970	3.41	477	9-72		40	1,072	-.02	36	74
52-09-0092	7392575	1491007	4-69	2	305	16,940	3.33	564	28	14,175	3.36	476	11-72		40	752	-.01	26	52
52-09-0092	7408773	1491007	3-68	2	305	19,020	3.61	686	27	14,405	3.50	504	7-72		40	946	.02	37	69
52-09-0092	7673999	1491007	9-69	2	299	15,215	3.72	566	17	13,065	3.46	452	4-73		40	667	.03	28	51
52-11-0006	7013898	1491007	1-68	3	299	20,343	3.19	648	13	14,926	3.42	510	2-73		42	1,102	-.04	34	73
52-11-0006	7316374	1447141	9-68	2	305	19,520	3.64	711	22	15,565	3.42	532	7-72		40	570	.08	32	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	D	REPT (%)	COW INDEX MILK (LB)	COW INDEX FAT (%)	COW INDEX FAT (LB)	DOLLARS
52-11-0007	6957298	1491007	10-67	3	305	18,370	3.32	610	16	14,816	3.60	534	5-72		42	882	-.03	27	$ 58
52-11-0007	7985452	1491007	6-71	1	305	19,220	3.20	616	26	16,670	3.28	547	2-73		35	734	-.01	25	51
52-12-0005	6929993	1491007	10-67	3	305	21,590	3.14	679	79	15,833	3.45	546	11-72		42	1,163	-.05	34	76
52-12-0005	7297065	1491007	10-68	3	304	19,656	3.27	642	45	17,043	3.32	566	2-73		42	825	-.01	28	57
52-12-0005	7297066	1491007	1-69	2	305	17,470	4.03	704	78	15,850	3.39	538	7-72		40	670	.08	36	57
52-12-0005	7297068	1491007	2-69	2	305	20,635	3.55	732	74	16,720	3.37	563	1-73		40	921	.02	36	68
52-12-0005	7297069	1491007	2-69	2	304	18,755	3.39	635	68	15,775	3.38	533	7-72		40	807	.00	29	57
52-12-0005	7297081	1347940	10-68	2	305	19,110	3.53	674	69	16,265	3.44	560	11-72		40	790	.01	30	57
52-12-0005	7500170	1427615	1-70	1	305	24,530	2.92	717	45	17,050	3.25	554	6-72		36	1,061	-.15	15	56
52-12-0011	7502127	1427615	7-69	1	305	20,630	3.09	638	25	12,980	3.87	502	5-72		36	1,013	-.16	12	51
52-12-0011	7967960	1427615	12-69	1	305	20,540	3.25	668	25	12,980	3.87	502	5-72		36	1,006	-.14	14	53
52-12-0012	6918480	1464746	8-66	4	300	17,935	3.98	714	30	14,287	3.56	508	2-72		38	648	.07	34	55
52-15-0001	5249143	1189679	1-61	10	304	16,838	3.65	614	30	13,732	3.48	478	11-72		44	740	-.01	25	51
52-15-0001	5415988	1189679	6-61	9	304	18,807	3.33	627	27	13,950	3.46	483	11-72		44	972	-.06	26	61
52-15-0001	7217478	1491007	6-68	3	305	19,906	3.77	751	52	13,810	3.43	474	10-72		42	1,155	.05	49	88
52-15-0001	7303985	1347940	11-68	2	293	16,965	3.65	620	31	13,085	3.37	441	6-72		40	830	.03	34	62
52-15-0028	6257154	1373503	9-64	2	305	19,320	3.41	659	11	12,710	3.52	448	3-73		32	752	.00	27	53
52-16-0002	6786838	1261857	3-67	2	305	19,595	3.81	747	33	16,300	3.63	592	12-72		40	685	.07	36	58
52-16-0002	7398129	1447414	7-69	2	305	18,660	3.48	649	38	16,260	3.61	587	2-73		40	847	-.04	24	55
52-16-0002	7607949	1387978	10-69	1	305	20,990	3.56	747	32	15,850	3.59	569	3-72		36	821	-.01	28	57
52-17-0033	7163916	1434756	4-68	2	294	23,045	3.54	815	37	16,555	3.59	594	10-72		40	844	-.01	29	59
52-19-0007	6861463	1329588	7-67	4	296	21,970	3.60	790	30	16,233	3.52	642	4-73		44	738	.00	26	52
52-19-0007	7473703	1427381	10-68	3	301	23,193	3.45	801	32	17,886	3.57	638	2-73		42	1,330	.01	38	96
52-19-6025	6757313	1261857	10-66	5	296	17,586	3.31	582	45	13,424	3.78	508	2-73		44	800	.00	28	56
52-21-0001	7142408	1491007	8-68	3	305	22,320	3.31	739	67	14,386	3.58	515	1-73		42	1,383	-.04	44	93
52-21-0001	7148803	1347940	8-68	3	282	20,570	3.28	674	66	14,653	3.58	524	1-73	H	42	1,134	-.04	34	75
52-21-0001	7218441	1491007	12-68	2	305	16,420	3.60	591	64	14,140	3.58	506	11-72		40	702	.01	27	51
52-21-0001	7241082	1491007	12-68	2	305	18,670	3.27	610	52	14,530	3.54	515	6-72		40	900	-.03	28	60
52-21-0001	7289089	1347940	1-69	3	305	20,026	3.70	740	48	14,850	3.52	523	2-73		42	1,053	.02	41	77
52-21-0001	7302410	1347940	4-69	2	302	16,870	3.43	579	71	14,090	3.63	511	12-72		40	739	-.02	24	50
52-21-0001	7372114	1347940	5-69	2	305	18,965	3.21	608	63	14,340	3.65	523	2-73		40	932	-.05	26	60
52-21-0001	7427775	1458744	9-69	2	260	18,985	3.75	711	58	14,920	3.61	539	3-73		40	818	.01	31	59
52-21-0001	7427777	1347940	9-69	1	305	16,820	3.43	577	65	13,310	3.71	494	7-72		36	740	-.02	24	50
52-21-0001	7525468	1458744	12-69	1	305	18,930	3.20	606	60	13,140	3.73	490	7-72		36	835	-.05	22	52
52-21-0001	7525469	1427381	2-70	1	305	15,350	3.80	583	82	13,100	3.75	491	8-72		36	855	.05	38	67
52-21-0001	7531011	1427381	3-70	1	305	15,220	3.76	572	82	13,100	3.75	491	8-72		36	846	.04	37	65
52-21-0001	7531014	1347940	2-70	1	305	17,440	3.95	689	78	13,040	3.75	489	8-72		36	802	.03	33	60
52-21-0001	7625796	1458744	7-70	1	305	20,480	3.60	738	72	14,510	3.67	532	12-72		36	868	-.01	29	60
52-21-0001	7651942	1458744	6-70	1	305	16,630	4.06	675	72	13,080	3.77	493	9-72		36	667	.02	27	50
52-21-0003	7377533	1427381	1-69	2	305	15,855	3.69	585	29	13,405	3.55	476	8-72		40	891	.05	40	70
52-21-0003	7695386	1427381	12-69	1	305	16,460	3.53	581	28	13,430	3.50	470	9-72		36	918	.04	39	70
52-21-0012	7391430	1427381	4-69	2	305	23,440	3.14	736	36	18,255	3.23	590	1-73		40	1,267	.00	46	90
52-21-0012	7482805	1427381	10-69	2	302	21,075	3.44	725	25	17,960	3.23	581	4-73		40	1,051	.05	46	81
52-21-0012	7482816	1427615	9-69	2	305	26,125	2.91	759	43	18,030	3.26	587	12-72		40	1,330	-.17	21	72
52-23-0029	6402972	1427412	9-65	5	274	19,222	3.47	667	35	15,424	3.70	571	2-73	B	38	873	-.06	22	54
52-23-0029	6677980	1347940	12-66	4	305	18,745	3.64	682	22	15,080	3.61	544	1-72		44	906	.01	34	65
52-23-0029	6968448	1491007	1-68	3	301	17,030	3.51	598	38	14,710	3.75	551	7-72		42	736	-.02	24	50
52-23-0029	7210035	1491007	10-68	2	305	20,335	3.35	682	23	16,355	3.73	610	4-72		40	921	-.04	27	60
52-23-0029	7210036	1491007	11-68	2	305	19,240	4.32	832	38	14,875	3.76	559	8-72		40	930	.09	47	77
52-23-0029	7210037	1491007	11-68	2	305	21,145	3.28	694	29	15,440	3.78	583	9-72		40	1,078	-.05	31	70
52-23-0035	7663998	1347940	6-70	1	305	19,220	3.40	654	38	15,090	3.69	557	9-72		36	812	-.02	26	55
52-23-0042	6369500	1189870	6-65	6	305	22,073	3.63	802	26	16,845	3.59	604	4-73		44	887	.02	35	65
52-23-0042	6594850	1376810	6-66	4	305	23,018	3.70	851	26	17,625	3.63	639	4-72		43	923	-.01	32	64
52-23-0042	7156508	1491007	8-68	3	301	20,273	3.29	666	44	16,406	3.75	615	10-72		42	956	-.05	26	61
52-23-0042	7374943	1491007	5-69	2	305	19,495	3.40	662	41	15,935	3.75	598	8-72		40	869	-.03	26	57
52-23-0042	7374944	1491007	5-69	2	305	20,240	3.02	612	40	16,230	3.71	602	8-72		40	921	-.08	21	55
52-23-0054	5365601	1352169	1-61	9	305	20,904	3.63	759	16	16,298	3.67	598	3-72		35	789	.00	29	56
52-23-0059	7146806	1491007	8-68	3	305	18,570	3.93	729	41	15,136	3.70	560	12-72		42	876	.04	38	67
52-23-0059	7442072	1491007	9-68	2	305	20,890	3.19	667	24	15,660	3.61	565	10-72		40	1,034	-.05	30	67
52-23-0067	7025353	1360676	1-68	3	297	18,253	3.39	619	38	15,263	3.42	522	7-72		41	690	.01	26	50
52-23-0067	7245493	1347940	12-68	3	283	17,140	3.56	611	19	14,473	3.41	494	12-72		42	756	.01	29	55
52-23-0067	7346647	1491007	7-68	2	295	18,440	3.35	618	40	14,905	3.48	518	6-72		40	846	-.02	28	58
52-23-0082	6073990	1403378	4-64	6	296	20,122	3.64	732	42	16,648	3.58	596	1-73		36	684	.03	29	52
52-23-0082	7146802	1347940	7-68	2	305	19,460	3.58	697	33	15,015	3.68	552	3-72		40	927	.00	33	65
52-23-0082	7268502	1347940	11-68	2	305	19,835	3.24	643	37	16,095	3.65	587	6-72		40	877	-.05	24	56
52-23-0082	7268503	1347940	11-68	3	305	18,193	3.58	651	40	16,213	3.58	580	11-72		42	717	.00	26	51
52-23-0082	7275611	1491007	12-68	2	305	18,955	3.87	734	42	15,280	3.59	549	8-72		40	868	.04	38	67
52-23-0082	7345735	1491007	2-69	3	300	19,980	3.52	704	36	17,970	3.65	656	2-73		42	776	-.01	26	53
52-23-0082	7691609	1491007	9-70	1	305	20,450	3.08	630	41	16,530	3.55	587	12-72		35	836	-.05	23	53
52-24-0003	5467647	1359829	11-61	7	279	19,780	3.48	689	33	14,236	3.53	503	12-72	B	35	889	.00	32	63
52-24-0003	5786090	1237057	10-62	7	291	20,440	3.48	712	33	14,657	3.54	519	1-72		44	929	-.05	26	60
52-24-0003	6742161	1471627	9-66	3	231	21,983	3.55	781	36	15,553	3.34	520	1-73	B	33	950	.01	35	68
52-24-0003	7083343	1491483	12-67	3	244	20,983	3.64	763	40	15,690	3.30	518	12-72	B	32	770	.05	36	62
52-24-0003	7513976	1447141	2-70	1	303	20,140	3.36	677	49	13,260	3.42	454	6-72		36	652	.04	23	54
52-26-0018	7232259	1491007	11-68	1	299	16,000	4.26	681	10	13,990	3.72	520	9-72	B	35	653	.05	31	54
52-28-0005	7023722	1347940	11-67	4	296	20,955	3.64	762	38	17,535	3.43	601	4-73		44	936	.03	30	70
52-28-0005	7023723	1347940	11-67	3	304	20,610	3.68	758	43	17,663	3.45	610	5-72		42	861	.03	35	64
52-28-0005	7023724	1347940	12-67	3	264	19,450	3.56	693	39	17,450	3.48	608	3-72		42	747	.01	28	54
52-28-0011	7226167	1491007	1-69	2	305	18,610	3.64	678	17	14,730	3.58	528	12-72		40	877	.02	34	64
52-28-0011	7460525	1491007	10-69	1	305	19,040	3.49	665	14	14,730	3.54	522	11-72		35	838	.00	30	59
52-28-0011	7460526	1491007	11-69	1	305	17,620	3.57	629	10	13,270	3.59	476	8-72		35	819	.00	30	58
52-29-0003	6821179	1460141	1-67	4	305	19,805	3.81	755	50	15,307	3.65	558	4-73		34	740	.03	31	56
52-29-0003	7345517	1512382	8-68	3	301	20,096	3.40	683	59	15,553	3.67	571	12-72		32	806	-.05	21	50
52-29-0003	7503438	1458744	7-69	1	305	22,970	3.22	739	63	16,300	3.55	579	12-71		36	947	-.05	27	61
52-29-0011	6156468	1389602	6-63	6	305	19,942	3.38	674	41	16,060	3.61	580	9-72		36	790	-.05	21	50

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C D CALVD MO-YR	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
52-29-0011	6883317	1389602	8-67	2	305	22,115	3.17	701	25	16,935	3.45	585	4-72	30	850	-.06	21	$ 52
52-29-0011	6897873	1389602	8-67	3	301	20,030	3.92	786	42	15,977	3.54	566	7-72	33	754	.06	36	61
52-29-0012	6917600	1471492	4-67	3	305	19,133	3.28	627	22	13,150	3.64	479	7-72	29	811	-.06	20	50
52-29-0091	6437531	1291498	1-66	5	303	21,446	3.19	684	16	14,454	3.54	512	3-72	44	914	-.08	20	54
52-29-0102	6783[illegible]	1458744	12-66	4	305	21,467	3.43	736	19	15,877	3.63	577	7-72	44	1,099	-.04	33	72
52-29-0113	6537130	1452421	1-66	3	305	17,173	4.30	739	21	14,803	3.58	530	2-72	34	579	.11	37	55
52-32-0006	7501236	1491007	11-69	1	305	26,060	2.79	728	21	17,790	3.71	660	1-72	35	1,183	-.10	26	70
52-32-0006	7687949	1491007	12-70	1	305	21,060	3.83	806	12	17,080	3.47	621	4-73	35	800	.04	35	62
52-32-0016	6713906	1290182	12-66	4	303	22,500	3.60	810	7	16,092	3.75	603	9-72	44	860	-.01	29	59
52-32-0017	7143229	1347940	7-68	3	304	18,926	3.43	650	26	15,700	3.68	578	2-73	42	848	-.03	26	56
52-32-0017	7219636	1491007	9-68	2	305	19,570	3.77	737	24	15,405	3.64	561	2-72	40	920	.03	37	68
52-32-0021	7099591	1347940	7-68	2	298	16,090	3.60	580	13	12,660	3.55	449	5-72 B	40	776	.01	29	56
52-32-0021	7923929	1491007	10-69	1	294	17,660	3.38	597	25	12,730	3.57	455	5-72 B	35	854	-.01	29	59
52-32-0030	7605150	1491007	11-69	1	305	18,710	3.76	704	21	13,220	3.79	501	8-72	35	904	.01	34	65
52-32-0035	7194829	1491007	8-68	2	305	20,095	3.93	789	34	16,580	3.64	604	12-72	40	878	.05	39	68
52-32-0035	7325171	1491007	12-68	2	305	20,620	4.29	884	26	16,570	3.63	601	10-72	40	932	.10	49	79
52-32-0035	7501378	1428104	10-69	2	305	20,450	3.77	770	27	17,725	3.55	630	1-73	40	778	-.04	22	50
52-32-0038	7331832	1491007	8-68	2	305	20,570	2.99	616	32	16,500	3.47	573	7-72	40	933	-.06	24	58
52-32-0038	7567204	1355784	8-69	2	305	20,885	2.99	624	31	16,305	3.35	546	11-72	40	955	-.12	15	51
52-32-0062	7118472	1347940	8-68	3	284	20,760	3.15	654	19	16,153	3.37	545	3-73 B	42	1,017	-.05	29	66
52-32-0062	7195977	1347940	11-68	3	304	18,253	3.74	683	13	14,560	3.43	499	2-73	42	876	.04	37	67
52-32-0062	7221497	1347940	11-68	3	292	17,890	3.37	602	32	15,060	3.47	523	9-72	42	788	-.02	25	53
52-32-0062	7390778	1406271	8-69	2	305	19,515	3.38	660	38	14,650	3.35	491	1-73	40	869	.02	35	65
52-32-00[illegible]	7469333	1347940	11-69	1	305	18,840	3.18	600	32	14,860	3.16	469	10-72	36	798	-.01	27	55
52-32-00[illegible]	7463707	1347940	11-69	1	303	15,760	3.38	533	22	12,390	3.46	429	6-72	36	716	.00	25	50
52-32-0067	6065344	1369029	11-63	7	304	20,109	3.85	774	11	16,409	3.54	581	1-73	44	644	.06	33	54
52-32-0080	6802354	1347940	11-66	3	301	18,780	3.35	629	21	13,610	3.66	498	5-72	42	1,024	-.04	31	68
52-32-0080	7099593	1347940	7-68	3	294	17,000	3.41	579	14	13,280	3.49	463	3-73	42	849	-.02	28	58
52-32-0086	7195975	1347940	9-68	3	290	16,616	3.24	539	16	12,923	3.56	460	3-73	42	838	-.04	24	54
52-32-0082	7273303	1347940	3-69	2	305	17,335	3.82	663	13	14,745	3.72	549	8-72	40	733	.02	29	54
52-32-0084	7208313	1491007	8-68	2	305	17,695	3.26	577	46	14,875	3.62	538	10-72	40	772	-.03	23	51
52-32-0084	7208316	1347940	7-68	2	305	17,080	3.61	616	45	14,495	3.62	524	8-72	40	728	.01	27	52
52-32-0084	7478883	1491007	8-69	1	305	17,370	3.33	578	42	14,340	3.54	507	8-72	35	735	-.02	24	50
52-33-0001	7193089	1491007	9-68	3	305	18,516	3.84	711	25	16,163	3.72	601	3-73	42	774	.03	32	58
52-33-0001	7193090	1491007	9-68	1	305	19,030	4.17	794	31	17,100	3.85	659	3-72	35	694	.05	32	55
52-33-0001	7193091	1347940	9-68	2	305	18,205	3.79	690	27	15,985	3.73	597	7-72	40	721	.01	28	53
52-33-0001	7219958	1347940	8-68	2	305	17,925	4.08	731	22	16,310	3.72	606	7-72	40	666	.05	32	54
52-33-0001	7323479	1347940	3-69	2	305	20,490	3.52	721	22	16,395	3.70	606	2-73	40	919	-.01	31	63
52-33-0001	7432[illegible]36	1491007	4-69	2	305	20,080	4.03	809	24	15,945	3.71	592	8-72	40	928	.06	42	73
52-37-0034	6893361	1347940	8-67	3	304	18,853	3.44	649	10	13,520	3.56	481	5-72	42	1,040	-.02	35	72
52-37-0034	8201783	1447414	10-70	1	305	19,090	3.36	641	6	13,430	3.66	491	4-73	36	1,011	-.05	28	65
52-40-0018	6909259	1479145	1-67	4	303	20,825	3.70	770	9	17,030	3.54	603	3-73	30	650	.03	28	50
52-40-0018	7207823	1261857	12-68	1	305	20,640	3.78	780	25	15,310	3.50	536	10-72	36	744	.08	39	63
52-40-0018	7387892	1447414	9-69	1	305	19,460	3.17	617	16	15,830	3.47	550	5-72	36	895	-.06	23	56
52-42-0004	7213452	1268297	1-68	5	305	18,202	3.89	708	160	15,576	3.44	536	11-72	44	542	.12	37	53
52-42-0001	7342877	1261857	8-67	3	305	20,950	3.43	719	121	16,063	3.42	550	6-72	42	901	.04	39	69
52-42-0007	6589421	1441440	2-66	3	305	20,133	3.91	788	57	14,080	3.91	550	4-72	42	980	.04	42	75
52-42-0007	6629835	1441440	5-66	4	305	22,517	3.50	788	47	14,922	3.95	589	10-72	44	1,235	-.03	40	84
52-42-0007	6629837	1441440	5-66	5	299	18,030	3.83	691	47	14,740	3.89	573	2-73	44	713	.03	30	54
52-42-0007	6739049	1392774	9-66	4	303	20,885	4.02	839	48	14,957	3.85	576	1-73	44	732	.07	37	61
52-42-0007	7077178	1359824	9-67	3	302	20,863	3.67	765	51	15,123	3.88	587	7-72	42	976	.01	36	70
52-42-0007	7202980	1441440	6-68	2	305	19,755	3.46	684	59	14,925	3.89	581	12-71	40	803	-.02	26	54
52-42-0007	7202986	1347940	7-68	2	305	19,170	4.12	790	54	14,940	3.86	577	1-72	40	904	.05	40	70
52-42-0007	7202987	1347940	7-68	2	305	18,180	3.58	650	60	14,135	3.86	546	7-72	40	868	-.02	28	59
52-42-0007	7812770	1441440	10-70	1	305	18,720	3.88	726	32	14,460	3.70	535	3-73	36	641	.05	30	51
52-42-0016	7706363	1447414	8-70	1	305	19,280	3.73	719	47	17,120	3.55	607	9-72	36	805	-.01	27	55
52-42-0016	7706364	1447414	5-70	1	286	20,770	3.35	696	47	17,480	3.55	621	10-72	36	894	-.05	24	56
52-43-0018	7222779	1347940	12-68	2	305	27,255	3.57	973	37	16,635	3.55	590	9-72	40	1,587	.01	58	113
52-43-0018	7279427	1447141	1-69	2	301	22,295	3.54	790	42	17,915	3.52	630	1-73	40	661	.05	32	54
52-43-0018	7435289	1458744	8-69	1	305	20,670	3.62	749	38	17,340	3.52	611	5-72	36	714	.00	25	50
52-43-6013	6797405	1308796	2-67	4	305	21,038	3.54	744	96	15,010	3.56	535	2-73	44	804	-.04	23	52
52-43-6013	7130640	1347940	6-68	3	305	21,503	3.29	708	111	14,900	3.60	537	1-73	42	1,218	-.05	36	80
52-43-6013	7130641	1347940	6-68	2	305	19,100	3.41	652	129	15,215	3.51	534	1-72	40	874	-.01	30	61
52-43-6013	7130642	1347940	6-68	3	303	16,673	3.60	601	90	14,346	3.65	523	8-72	42	714	.00	25	50
52-43-6013	7130643	1347940	6-68	2	305	20,750	3.37	700	123	15,090	3.53	532	4-72	40	1,052	-.02	35	72
52-53-0005	7248059	1427615	1-69	2	305	20,010	3.37	674	23	15,435	3.62	558	7-72	40	920	-.12	15	50
52-53-0005	7267311	1491007	7-68	3	305	17,200	4.15	714	18	15,633	3.68	575	3-73	42	670	.07	35	57
52-53-0005	7267312	1491007	8-68	2	305	19,335	3.19	616	24	16,395	3.62	594	5-72	40	815	-.05	22	52
52-53-0005	7267313	1491007	9-68	3	305	20,430	3.39	692	29	15,250	3.76	573	12-72	42	1,082	-.04	33	72
52-53-0005	7378945	1491007	10-68	2	305	18,190	3.74	680	25	16,445	3.65	600	2-72	40	694	.02	28	52
52-53-0005	7375946	1491007	10-68	3	305	21,280	3.63	772	27	15,923	3.70	589	1-73	42	1,118	.01	41	80
52-53-0005	7566404	1347940	4-69	1	305	21,330	3.21	685	26	16,070	3.68	591	3-72	36	911	-.04	26	59
52-53-0005	7638960	1347940	1-70	1	305	19,540	3.49	682	48	14,490	3.78	548	10-72	36	872	-.02	29	60
52-53-0060	7734104	1491007	6-69	1	305	19,990	3.11	622	41	16,130	3.62	584	12-71	35	825	-.04	23	53
52-53-0060	6671531	1330987	7-66	4	292	19,990	3.68	736	36	16,077	3.66	588	10-72	44	764	.04	34	60
52-53-0050	6957598	1122127	4-67	2	305	22,665	3.51	796	27	16,455	3.69	607	5-72	40	970	-.06	26	61
52-53-0053	6738757	1347940	11-65	3	305	18,330	3.70	678	20	13,556	3.49	473	4-72	42	977	.02	39	72
52-53-0053	7123814	1492632	1-68	2	305	16,635	3.50	583	21	11,960	3.39	405	8-72	32	693	.01	27	51
52-53-0059	7149448	1387978	7-68	3	297	18,223	3.89	708	22	14,697	3.76	552	3-73	42	788	.02	31	58
52-53-0059	7440898	1347940	8-69	2	294	18,675	3.72	695	36	14,435	3.87	558	11-72	40	894	.00	32	63
52-53-0059	7440899	1427381	9-69	1	305	18,240	4.41	804	23	14,750	3.70	546	4-72	36	972	.10	51	82
52-53-0059	7658738	1447414	9-70	1	305	16,730	3.80	635	41	14,890	3.84	572	9-72	36	748	-.03	23	50
52-53-0067	6334758	1441298	5-65	6	305	18,320	3.54	649	40	15,181	3.73	567	12-72	42	986	-.07	24	60
52-53-0067	6399588	1441298	6-65	3	305	20,350	3.70	753	36	16,516	3.71	613	5-72	40	1,077	-.05	31	70
52-53-0067	6399591	1441298	9-65	4	305	19,995	3.61	722	38	16,250	3.75	609	1-72	41	1,082	-.06	29	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
52-53-0067	6399592	1441298	9-65	5	305	21,140	3.59	758	41	16,482	3.76	620	12-71		42	1,225	-.07	33	$ 77
52-53-0067	6545911	1441298	1-66	4	305	19,702	3.56	701	38	15,392	3.74	575	9-71		41	1,132	-.07	29	70
52-53-0067	6672688	1428104	10-66	4	305	18,627	3.69	686	29	15,570	3.73	580	6-72		44	815	-.06	20	50
52-53-0067	6813413	1348259	5-67	4	305	20,985	3.76	790	38	16,753	3.65	611	2-73		44	818	.03	34	62
52-53-0067	6849197	1406271	10-66	4	305	17,693	3.70	654	37	14,548	3.70	539	10-72		44	740	.04	32	57
52-53-0067	6874388	1441298	3-67	4	305	19,555	3.60	704	45	15,392	3.67	565	8-72		41	1,113	-.06	31	71
52-53-0067	6891810	1452421	7-67	4	305	20,360	3.52	717	48	15,253	3.68	561	8-72		35	997	-.02	32	67
52-53-0067	7296837	1189870	9-68	3	305	20,697	3.65	755	38	15,770	3.63	572	3-73		42	754	.02	30	56
52-53-0067	7672174	1427381	9-70	1	305	20,100	3.44	692	59	15,790	3.54	559	10-72		36	1,049	.03	42	78
52-53-0067	7689923	1406271	9-70	1	305	20,660	3.60	744	57	15,810	3.54	559	10-72		36	777	.04	34	60
52-53-0075	7687825	1441440	4-70	1	305	19,290	3.70	714	40	14,860	3.76	559	7-72		36	660	.03	28	50
52-53-0126	4977892	1249424	12-58	9	305	24,344	3.08	751	11	15,486	3.58	555	8-72		43	1,134	-.13	20	63
52-53-0128	5500851	1189679	12-61	7	303	18,811	3.79	712	10	15,941	3.69	589	2-72		44	767	-.01	26	53
52-53-0128	6893362	1347940	8-67	3	289	18,996	3.63	690	13	16,843	3.53	595	3-73		42	751	.01	29	55
52-53-0128	7552600	1347940	12-69	1	305	22,610	3.26	738	23	17,480	3.68	644	10-72		36	923	-.04	27	60
52-53-0128	7812922	1347940	6-70	1	305	21,800	3.16	688	22	17,390	3.69	642	9-72		36	868	-.05	23	55
52-53-0142	7077832	1347940	9-67	2	305	18,590	3.50	651	16	14,930	3.74	558	1-72		40	846	-.02	28	58
52-53-0142	7460742	1491007	10-69	2	305	17,750	3.57	633	21	13,585	3.60	489	8-72		40	883	.00	32	63
52-53-0163	6851402	1357797	8-67	3	305	19,097	3.97	758	16	17,080	3.59	613	4-72		42	494	.15	40	54
52-53-0163	7020710	1347940	11-67	3	305	19,333	3.64	704	16	16,200	3.77	611	8-72		42	849	-.01	29	59
52-53-0163	7020714	1347940	2-68	3	305	18,813	3.74	703	12	16,773	3.68	617	5-72		42	736	.01	28	53
52-53-0163	7159986	1357797	7-68	3	305	18,410	4.08	752	14	16,077	3.73	599	11-72		42	507	.14	40	54
52-53-0163	7178453	1399824	10-68	3	305	19,543	3.89	761	16	16,940	3.71	628	3-73		42	657	.05	32	54
52-53-0163	7623446	1450692	8-70	1	292	20,800	3.77	785	20	16,640	3.73	621	8-72		35	716	.02	29	53
52-53-0185	7157510	1447141	9-68	2	305	20,605	3.57	735	24	16,810	3.29	553	5-72		40	579	.07	32	50
52-53-0185	7160474	1458744	6-68	2	305	19,865	3.34	663	17	16,940	3.31	561	10-72		40	744	-.02	24	50
52-53-0185	7234605	1347940	1-69	2	301	18,405	3.81	701	12	15,515	3.28	509	7-72		40	779	.06	37	63
52-53-0191	7578482	1427381	12-69	1	305	16,460	3.90	642	40	14,570	3.73	544	5-72		36	850	.05	39	67
52-53-0191	7820668	1491007	12-70	1	305	18,030	3.85	695	54	15,700	3.87	607	1-73		35	703	.01	27	51
52-53-0200	7316519	1491007	4-68	3	299	23,636	3.73	882	32	16,640	3.77	628	8-72	H	42	1,326	.01	50	96
52-53-0200	7316526	1347940	12-68	2	297	21,335	4.44	948	11	18,145	3.73	676	3-72		40	863	.11	48	75
52-53-0200	7462401	1347940	7-69	2	305	22,340	3.95	883	20	17,445	3.62	632	12-72		40	1,022	.05	45	79
52-53-0200	7462405	1347940	8-69	1	305	19,800	3.71	734	34	17,610	3.83	675	8-72		36	705	.00	25	50
52-53-0212	6999864	1347940	8-66	4	244	17,802	3.87	689	34	14,700	3.66	538	6-72	B	44	827	.03	35	63
52-53-0212	7618370	1347940	8-69	1	305	17,410	3.40	592	6	13,870	3.32	460	2-72		36	750	.00	27	53
52-53-0223	6995890	1469796	8-67	2	304	18,465	4.14	764	6	13,050	3.61	471	1-73		31	538	.09	33	50
52-54-0002	7287617	1491007	11-68	2	305	19,885	3.24	644	46	14,485	3.68	533	9-72		40	1,027	-.04	30	67
52-54-0002	7427763	1427615	7-69	1	305	21,970	2.89	634	50	14,370	3.74	538	8-72		36	1,030	-.17	10	50
52-54-0002	7517047	1406271	12-69	1	305	19,080	4.15	792	21	14,240	3.71	529	5-72		36	753	.08	39	63
52-56-0013	7605615	1347940	12-69	1	305	18,480	3.61	668	61	15,490	3.81	590	7-72		36	733	-.01	25	51
52-56-0034	6308339	1386406	3-65	4	305	20,252	4.05	821	48	14,872	3.77	561	9-71		44	859	.07	42	70
52-56-0040	6040036	1347940	10-63	6	303	19,041	3.82	727	18	15,565	3.91	609	8-71		44	909	.00	33	65
52-56-0040	6578357	1449322	5-66	4	305	21,540	3.56	767	14	16,180	3.71	600	3-73		30	862	-.02	28	59
52-56-0040	6694808	1347940	7-65	4	305	17,342	3.47	602	39	13,362	3.85	514	3-72		44	902	-.04	27	59
52-56-0040	7331882	1347940	4-69	2	305	17,175	3.46	594	42	13,420	3.85	517	12-72		40	825	-.03	25	54
52-56-0040	7469826	1347940	11-67	3	305	17,876	4.04	723	22	16,010	3.73	597	2-73		42	699	.04	32	55
52-56-0040	7817040	1447141	5-69	2	305	20,890	2.97	620	19	14,395	3.74	539	3-73		40	804	-.04	22	51
52-56-0041	8022073	1427381	2-70	1	305	15,580	4.08	636	27	12,020	3.60	433	7-72		36	937	.08	46	77
52-56-0044	6631363	1460590	9-66	4	305	20,455	3.50	715	12	14,738	3.60	531	2-73		30	873	-.02	29	60
52-58-0003	5863064	1189679	2-63	7	303	20,716	3.33	689	57	15,859	3.53	560	4-72		44	1,021	-.07	26	63
52-58-0003	6899244	1379208	7-67	3	302	21,860	3.80	830	89	17,847	3.54	631	12-72		42	811	.04	36	63
52-58-0003	7177749	1355784	2-68	3	305	21,383	3.09	661	71	16,830	3.60	606	6-72		42	1,020	-.14	15	54
52-58-0003	7177762	1491007	7-68	2	305	21,890	3.39	743	68	17,655	3.58	632	3-72		40	973	-.02	32	66
52-58-0003	7177766	1347940	7-68	3	302	22,326	3.61	805	91	17,456	3.52	614	1-73		42	1,078	.01	40	77
52-58-0003	7182457	1427381	8-68	2	305	19,995	3.41	682	66	17,855	3.58	639	4-72		40	950	.02	37	70
52-58-0003	7407184	1427381	8-69	2	300	21,910	3.10	679	91	19,010	3.52	670	2-73		40	1,051	-.02	34	71
52-58-0003	7423875	1347940	2-69	2	294	21,385	3.36	719	77	17,285	3.55	614	8-72		40	938	-.02	30	63
52-58-0003	7423876	1347940	7-69	1	305	24,310	3.23	786	90	18,090	3.55	643	12-71		36	1,013	-.03	31	67
52-58-0003	7423878	1347940	8-69	2	301	24,830	3.45	856	99	18,460	3.52	649	1-73		40	1,192	-.01	41	83
52-58-0003	7423879	1491007	2-69	2	305	19,875	3.92	779	100	17,780	3.52	625	12-72		40	757	.06	36	61
52-58-0003	7423886	1427615	7-69	2	305	23,545	3.22	757	91	18,795	3.52	662	2-73		40	1,006	-.14	15	53
52-58-0003	7509945	1347940	9-69	2	305	24,470	3.40	833	104	17,635	3.52	620	1-73		40	1,223	-.02	41	84
52-58-0003	7625423	1330987	6-70	1	305	23,940	3.25	777	100	19,120	3.51	671	11-72		36	702	.00	26	50
52-58-0003	7673372	1491007	5-68	2	305	24,610	3.33	820	104	17,485	3.51	613	1-73		40	1,264	-.03	41	86
52-58-0003	7733624	1428104	7-70	1	305	26,090	2.96	773	97	18,100	3.56	645	7-72		36	1,113	-.15	17	59
52-58-0003	7733625	1428104	8-70	1	305	26,800	3.05	817	111	18,960	3.48	660	1-73		36	1,115	-.13	20	62
52-58-0003	7778498	1427615	9-70	1	305	24,360	3.21	782	37	17,820	3.46	617	4-73		36	1,002	-.13	16	54
52-58-0003	7778504	1347940	9-70	1	305	22,030	3.40	749	108	18,830	3.48	655	1-73		36	799	-.01	27	55
52-60-0001	7650658	1355784	3-70	1	305	24,070	3.13	754	26	17,500	3.55	621	10-72		35	1,022	-.12	18	57
52-60-0002	6455052	1369029	1-66	5	302	22,738	2.95	671	31	16,914	3.57	603	8-72		44	934	-.11	17	52
52-60-0005	7017329	1491007	2-68	3	290	17,950	3.68	661	19	15,040	3.78	568	8-72		42	813	.00	30	58
52-60-0005	7335836	1491007	1-69	2	257	17,890	3.62	648	13	15,505	3.73	578	5-72	H	40	741	.00	27	53
52-60-0007	7037890	1491007	11-67	3	305	18,520	4.14	766	31	16,776	3.49	585	10-72		42	717	.09	40	63
52-60-0010	7170037	1347940	8-68	2	299	20,505	3.60	738	23	16,175	3.50	566	8-72		40	939	.01	36	68
52-60-0010	7349232	1491007	1-69	2	302	19,440	3.36	653	27	16,225	3.57	579	8-72		40	840	-.02	27	57
52-60-0038	7194392	1526550	8-68	3	305	20,306	3.75	762	7	15,666	3.64	570	1-73		34	753	.03	32	57
52-60-6014	6210474	1414611	12-64	5	302	21,924	3.54	777	18	16,502	3.48	574	10-72		44	738	.00	27	53
52-60-6021	6861849	1347940	4-67	3	305	21,450	4.18	897	20	17,500	3.44	602	2-72		42	973	.11	52	83
52-60-6021	7371646	1355784	12-68	2	305	22,290	2.97	663	19	17,400	3.44	599	4-72		40	1,009	-.14	14	53
52-60-6021	7526200	1377691	10-69	2	297	22,755	3.36	765	23	17,105	3.17	542	11-72		40	833	-.01	28	57
52-60-6021	7526208	1355784	11-69	2	303	21,955	3.15	691	22	17,370	3.20	556	11-72		40	977	-.09	21	57
52-60-6036	7598191	1491007	2-70	1	305	23,280	3.23	751	5	16,400	3.31	543	4-72		35	1,057	-.02	35	72
52-61-6003	7528695	1458744	3-70	2	304	17,975	3.97	713	81	14,855	3.61	537	2-73		40	721	.03	31	55
52-67-0007	7369917	1427381	2-69	2	289	17,120	3.61	618	37	12,853	3.67	472	6-72		40	1,064	.04	44	80
52-67-0011	7187865	1427381	7-68	3	299	19,376	3.16	612	29	16,563	3.53	584	8-72		42	1,013	-.02	33	69

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
52-67-0011	7412351	1427381	10-69	1	305	18,310	4.05	742	19	15,680	3.75	588	5-72		36	922	.07	44	$ 74
52-67-0011	7669791	1427381	12-69	1	305	18,960	3.99	756	26	14,980	3.62	543	8-72		36	1,012	.07	48	81
52-67-0036	6475707	1441440	2-66	4	305	20,162	3.32	670	26	17,067	3.35	572	12-71		44	732	.00	27	52
52-67-0036	6599547	1330987	3-66	4	305	22,770	3.15	717	31	17,037	3.33	568	9-72		44	1,012	-.02	34	70
52-67-0036	6925799	1312008	12-67	3	301	22,403	3.43	768	26	17,573	3.39	595	3-73		42	709	.04	32	56
52-67-0036	7134486	1469957	7-68	2	305	23,220	3.13	726	30	17,410	3.47	604	4-72		31	877	-.06	22	54
52-67-0036	7440612	010296708	9-67	3	305	22,493	3.24	729	35	17,463	3.39	592	1-73		29	798	-.04	22	51
52-67-0036	7650233	1490212	8-70	1	305	21,500	3.58	769	49	18,670	3.25	607	12-72		24	738	.02	30	55
52-67-0036	7784973	1458744	9-70	1	305	24,110	2.97	716	64	17,360	3.33	578	11-72		36	969	-.06	25	60
52-67-0036	7841505	1399824	7-70	1	305	27,340	2.78	761	65	17,370	3.33	579	11-72		36	1,119	-.07	30	71
52-67-0036	7996169	1450228	7-71	1	305	26,600	3.26	866	22	18,430	3.31	610	4-73		36	1,170	-.04	35	77
52-68-0010	6935321	1449797	8-67	4	305	21,675	3.42	741	47	15,903	3.67	583	12-72		35	893	-.01	30	61
52-68-0010	7547985	1427381	1-70	1	305	18,070	3.97	718	55	13,410	3.65	489	7-72		36	1,039	.07	48	83
52-68-0010	7591999	1399824	10-69	2	305	22,290	3.39	756	49	16,025	3.59	575	2-73		40	980	-.01	34	68
52-68-0033	7273638	1387978	12-68	2	305	16,225	3.73	605	21	12,140	3.74	454	8-72		40	759	.00	27	53
52-68-6032	7443690	1347940	7-68	3	300	23,276	3.06	713	7	14,636	3.57	522	12-72		42	1,446	-.09	38	91
52-70-0018	6505448	1316112	1-66	4	305	16,725	4.05	678	14	11,768	3.34	393	10-72		44	476	.14	39	52
52-70-0026	6377890	1446286	8-65	4	305	18,843	3.21	605	5	14,320	3.53	505	10-72		37	891	-.07	21	54
52-71-0008	7090625	1491007	2-68	3	305	17,153	3.38	580	30	13,450	3.44	463	11-72		42	868	-.01	30	60
52-71-0008	7090626	1491007	2-68	3	291	16,706	3.51	586	29	13,350	3.44	459	8-72		42	825	.01	31	60
52-71-0026	6884570	1484119	5-67	2	305	18,630	3.81	709	27	13,510	3.74	505	6-72		29	695	.04	31	54
52-72-0022	5593842	1189679	6-60	10	302	19,624	3.86	757	23	15,957	3.65	583	2-72		44	870	.01	33	63
52-72-0022	6236693	1263152	10-64	5	305	21,956	3.80	834	26	16,822	3.64	613	4-72		44	730	.05	34	58
52-72-0022	7219969	1491007	11-68	2	305	23,250	3.58	832	33	18,080	3.74	676	6-72		40	1,077	-.01	37	75
52-72-0022	7345740	1347940	6-69	2	305	20,475	3.49	715	36	16,115	3.73	601	7-72		40	941	-.02	30	63
52-72-0022	7509345	1347940	8-69	2	305	21,220	3.64	772	34	17,040	3.70	630	12-72		40	941	.00	34	67
52-72-0022	7823887	1427615	11-70	1	305	23,140	3.63	839	30	18,010	3.65	658	12-72		36	900	-.09	18	52
52-72-0028	6472532	1244009	1-66	5	301	21,300	3.57	761	29	14,376	3.60	518	10-72		44	1,233	-.03	39	83
52-72-0028	6734533	1261857	2-67	1	305	22,640	3.72	843	37	16,070	3.51	564	12-72		36	847	.07	42	70
52-72-0028	6850494	1261857	6-67	4	286	18,443	3.72	687	29	15,148	3.57	541	1-73		44	718	.07	37	60
52-73-0004	7217239	1491007	12-68	2	298	15,515	4.22	655	21	12,950	3.56	461	6-72		40	707	.08	37	60
52-73-0004	7386543	1427381	8-69	1	305	16,010	3.72	595	23	12,830	3.59	461	9-71		36	920	.05	41	72
52-73-0008	6831551	1453414	5-67	2	305	21,215	3.70	785	7	16,135	3.54	571	8-72		25	681	.03	29	52
52-74-0008	7749692	1441440	9-70	1	305	26,490	3.14	832	9	15,950	3.72	593	10-72		36	1,131	-.04	35	75
52-75-0034	7863253	1458744	7-70	1	300	19,410	3.15	611	7	13,040	3.44	448	1-73		36	876	-.04	25	57
52-75-0040	6530943	1452882	12-65	5	305	22,786	3.21	732	18	15,344	3.76	577	1-72		36	1,292	-.11	29	77
52-76-0027	7180206	1417208	5-68	2	305	22,870	3.41	779	29	17,400	3.70	644	5-72		40	943	-.03	29	63
52-76-0027	7452673	1447141	12-69	2	305	22,005	3.35	738	25	17,115	3.59	614	1-73		40	696	.02	28	52
52-76-0027	7494645	1406271	1-69	2	305	21,085	3.27	690	28	18,130	3.63	659	6-72		40	746	-.01	25	51
52-77-0011	5629561	1189679	9-62	8	303	20,750	3.00	622	28	14,856	3.58	532	3-73		44	1,129	-.12	21	63
52-77-0011	6819165	1447903	11-66	4	305	20,943	3.37	705	38	16,080	3.51	565	1-73		30	784	-.03	23	51
52-77-0011	7201180	1447141	11-68	2	275	21,685	3.53	766	38	15,290	3.58	548	6-72		40	812	.04	36	63
52-77-0011	7311305	1347940	2-69	1	305	20,310	3.67	745	32	14,950	3.51	524	7-72		36	902	.02	35	66
52-77-0011	7399221	1491007	6-69	1	305	19,060	3.40	648	48	16,870	3.46	583	1-73		35	710	.00	25	50
52-77-0011	7473241	1427381	10-69	1	305	21,760	3.29	716	39	15,920	3.60	573	5-72		36	1,165	.01	43	83
52-77-0011	7500164	1427615	11-69	1	305	23,790	2.91	693	48	16,780	3.47	582	1-73		36	1,022	-.16	11	51
52-77-0011	7536939	1427381	9-69	2	305	20,145	3.38	680	38	16,290	3.50	570	3-73		40	1,092	.02	42	80
52-77-0011	7536940	1427381	11-69	1	305	17,720	3.25	576	37	15,820	3.58	567	4-72		36	870	.01	33	63
52-80-0027	6412561	1456249	9-65	5	301	21,062	3.49	736	32	16,068	3.44	553	11-72		32	838	.00	30	59
52-80-0027	7068234	1491007	4-68	3	305	19,326	3.41	659	38	16,230	3.43	556	11-72		42	862	.00	31	61
52-80-0027	7138292	1447141	9-68	3	296	21,850	3.58	783	27	16,670	3.40	567	1-73		42	787	.07	39	65
52-80-0027	7334605	1491007	12-68	2	305	20,445	2.74	561	19	16,045	3.33	535	5-72		40	957	-.09	21	56
52-80-0027	7495133	1347940	8-69	2	303	20,425	3.12	638	36	16,715	3.39	567	1-73		40	887	-.04	25	57
52-81-0010	7344514	1491007	2-69	2	296	18,120	3.58	648	61	16,505	3.42	564	8-72		40	682	.02	28	51
52-81-0013	6686581	1263152	8-66	4	303	21,388	3.17	677	26	15,258	3.47	530	9-72		44	785	-.05	21	50
52-82-0002	7390744	1491007	12-68	2	305	18,905	3.00	568	36	15,155	3.42	519	6-72		40	873	-.05	23	55
52-82-0003	6915689	1347940	7-67	3	305	20,130	3.62	729	47	18,376	3.42	628	9-72		42	740	.02	30	55
52-82-0003	7232734	1491107	11-68	2	305	24,380	3.39	826	31	18,525	3.36	622	7-72		32	881	-.04	25	57
52-82-0003	7232737	1491007	11-68	2	305	24,520	2.99	732	37	18,580	3.36	625	7-72		40	1,166	-.07	31	73
52-82-0003	7529140	1427381	6-69	2	305	22,460	3.12	700	45	17,525	3.31	580	10-72		40	1,227	-.01	43	86
52-82-0003	7546202	1450228	9-69	2	305	20,980	3.36	704	45	17,355	3.34	579	11-72		40	898	-.03	28	60
52-82-0003	7547427	1427381	12-68	2	302	21,345	3.04	649	36	18,305	3.35	613	5-72		40	1,051	-.02	35	72
52-82-0003	7547429	1491007	12-68	2	299	22,490	2.92	656	37	18,125	3.35	607	5-72		40	996	-.07	25	61
52-82-0004	6894486	1406271	4-67	3	305	23,520	3.10	730	19	15,880	3.46	549	11-72		42	1,269	-.04	39	84
52-82-0010	6592931	1347940	5-66	4	259	21,402	4.32	924	48	17,175	3.69	633	5-72		44	1,027	.12	55	88
52-82-0010	6673824	1454671	5-66	4	305	22,912	3.86	885	33	18,245	3.51	641	5-72		44	795	.03	33	60
52-82-0010	6864186	1347940	8-67	3	299	24,670	3.75	925	36	18,003	3.65	657	12-72		42	1,297	.02	50	95
52-82-0010	6864187	1347940	8-67	3	296	20,920	3.69	772	40	17,453	3.65	637	7-72		42	916	.01	34	66
52-82-0010	6977586	1491007	11-67	2	233	20,765	3.98	826	25	16,775	3.65	613	1-73	B	40	930	.06	42	73
52-82-0010	7225289	1434756	9-68	3	299	23,343	3.31	772	39	18,297	3.59	657	11-72		42	812	-.05	21	51
52-82-0010	7445677	1347940	5-69	2	305	21,905	3.52	771	34	19,255	3.60	694	12-72		40	831	-.01	29	58
52-82-0010	7677698	1392858	8-69	2	305	21,825	4.08	890	37	19,100	3.58	683	1-73		40	539	.10	35	51
52-82-0010	7677713	1491007	8-69	2	305	21,515	3.30	711	35	19,150	3.60	690	12-72		40	813	-.03	24	53
52-82-0014	5803445	1347940	1-63	6	304	20,440	3.56	727	20	15,821	3.63	575	8-71		44	1,063	-.01	37	74
52-82-0014	7226456	1491007	9-68	3	305	19,846	3.35	664	8	16,136	3.58	577	3-73		42	931	-.03	29	62
52-82-0014	7330632	1491007	9-68	3	302	20,273	3.24	656	16	15,310	3.61	553	11-72		42	1,058	-.04	31	69
52-82-0020	7208319	1447141	8-68	2	305	21,330	3.38	720	11	14,910	3.41	509	12-72		40	807	.03	34	61
52-82-0045	7618371	1347940	8-69	2	283	19,160	3.13	600	18	14,815	3.61	535	12-72		40	913	-.06	24	57
52-82-0057	7001466	1283917	10-67	3	305	22,653	3.16	715	22	15,543	3.69	574	1-72		42	1,019	-.14	15	54
52-82-0057	7522208	1427381	9-69	2	305	18,375	3.79	697	26	15,335	3.43	526	12-72		40	990	.07	47	80
52-82-0057	7522210	1427381	12-69	2	305	21,385	3.20	685	26	15,775	3.45	544	1-73		40	1,260	.00	45	89
52-82-0057	7589087	1427381	2-70	1	305	21,110	3.10	655	29	16,090	3.54	569	1-72		36	1,106	.00	39	78
52-82-0057	7811138	1458744	12-70	1	305	21,240	3.30	701	26	15,710	3.52	553	7-72		36	853	-.04	25	56
52-82-0064	6904595	1484116	10-67	4	304	20,522	3.15	646	12	16,432	3.33	548	1-73		40	814	-.03	25	54
52-82-0073	7425278	1491007	7-69	1	305	18,920	3.67	694	24	12,840	3.73	479	6-72		35	943	.01	35	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
52-82-0081	6648874	1417208	10-66	3	305	20,943	3.10	650	7	17,023	3.35	570	12-72	42	826	-.04	23	$ 53
52-82-0081	7440905	1427381	6-69	1	305	20,760	3.43	712	12	18,440	3.18	587	5-72	36	940	.05	42	73
52-82-0081	7440906	1427381	6-69	1	305	24,130	3.00	724	11	18,430	3.12	575	6-72	36	1,192	.01	44	85
52-82-0081	7440907	1427381	8-69	1	305	21,020	3.53	743	11	18,430	3.12	575	6-72	36	960	.07	45	77
52-82-0088	7121178	1415405	7-68	2	305	22,780	3.56	810	18	16,465	3.53	581	6-72	40	837	-.03	26	56
52-82-0088	7343191	1347940	1-69	2	305	25,800	3.54	913	21	17,475	3.64	636	5-72	40	1,371	-.01	48	96
52-82-0088	7474261	1441440	11-69	2	301	24,480	3.62	886	17	17,330	3.58	621	2-73	40	1,087	.03	44	81
52-82-0088	7474262	1347940	6-69	2	294	18,415	3.52	648	15	16,130	3.63	585	8-72	40	730	-.01	25	51
52-82-0092	7342642	1447141	9-68	3	296	21,870	3.58	782	18	17,663	3.45	610	11-72	42	698	.06	35	58
52-82-0101	6374355	1268297	7-65	5	289	19,224	3.80	731	11	17,348	3.32	576	4-73	44	491	.12	36	50
52-82-0101	6391646	1268297	9-65	5	280	19,694	3.70	729	10	16,842	3.43	578	12-72	44	605	.09	36	55
52-82-0101	7185722	1490616	6-68	2	305	20,950	3.03	635	22	15,640	3.55	555	9-72	30	938	-.11	16	52
52-82-0105	6880315	1450228	8-67	3	305	23,000	3.05	702	34	17,000	3.41	580	2-73	42	1,203	-.09	29	73
52-82-0105	6919177	1414618	10-67	4	302	23,865	3.27	780	39	18,095	3.39	613	1-73	44	935	-.04	27	61
52-82-0105	7287609	1347940	10-68	3	303	19,986	3.24	648	40	16,430	3.44	565	2-73	42	903	-.04	27	59
52-82-0105	7297072	1491007	3-69	2	236	19,425	3.49	678	49	17,055	3.33	568	1-73	40	771	.01	30	57
52-82-0105	7387862	1491007	3-69	2	305	20,490	2.99	613	28	15,725	3.50	550	7-72	40	988	-.07	25	61
52-82-0105	7468836	1347940	6-69	1	305	20,380	3.34	681	38	15,610	3.38	528	8-72	36	868	-.01	30	60
52-82-0105	7735089	1491007	9-69	2	305	23,315	3.11	724	41	17,265	3.34	576	11-72	40	1,150	-.05	34	75
52-82-0115	7307802	1347940	1-69	2	305	19,070	3.49	665	33	14,950	3.71	554	7-72	40	893	-.02	29	61
52-82-0115	7416935	1347940	4-69	2	305	18,860	3.40	641	21	15,715	3.63	570	11-72	40	811	-.03	25	54
52-82-0116	7579688	1347940	11-69	1	305	22,390	3.47	776	19	18,080	3.36	608	6-72	36	870	.00	32	62
52-82-0123	7523091	1441440	10-69	2	305	20,095	3.48	700	14	14,235	3.66	521	10-72	40	894	.01	33	64
52-82-0135	7256189	1491007	9-68	3	298	18,740	3.04	570	11	14,403	3.49	502	11-72	42	964	-.06	25	60
52-82-0136	6683941	1458744	12-66	4	299	17,135	3.85	659	9	14,990	3.40	509	9-72	44	651	.05	31	52
52-82-0136	6726889	1458744	10-66	4	301	18,282	4.12	754	8	15,585	3.41	531	10-72	44	734	.09	40	63
52-82-0136	7364213	1489113	2-69	2	303	20,720	3.48	722	14	15,565	3.33	519	6-72	29	756	.00	27	53
52-82-0136	7756368	1347940	1-71	1	305	18,760	3.09	579	9	14,990	3.01	451	2-73	36	784	-.01	27	55
52-82-0136	7756369	1347940	2-71	1	127	17,350	3.50	608	6	13,720	3.10	426	3-73 B	36	755	.02	30	56
52-82-0141	7098372	1387978	4-68	3	305	22,573	3.05	688	11	14,987	3.54	530	8-72	42	1,262	-.09	31	77
52-82-0148	6127253	1366872	9-64	6	305	20,653	3.40	702	10	14,713	3.45	507	7-72	38	916	-.03	28	61
52-82-0153	7342648	1347940	4-69	2	305	20,420	3.41	697	10	15,305	3.49	534	11-72	40	1,001	-.01	34	69
52-83-0008	8066318	1450228	1-71	1	305	17,890	3.70	662	30	14,530	3.62	526	3-73	36	754	-.01	25	52
52-85-0021	6860753	1479726	7-67	4	300	20,267	3.77	764	22	15,840	3.63	575	12-72	34	727	.05	34	58
52-85-0021	7475558	1303900	9-69	2	305	21,560	3.33	718	39	15,410	3.69	568	12-72	39	1,043	-.09	23	62
52-85-0033	7094935	1379208	8-67	3	305	19,597	3.22	631	59	13,603	3.59	488	1-72	42	943	-.04	27	61
52-85-0037	6735454	1379208	9-66	3	305	22,757	3.49	795	60	15,400	3.56	549	2-72	42	1,144	-.01	40	80
52-85-0037	7201791	1399824	11-68	2	305	19,340	3.10	600	169	14,925	3.47	518	12-72	40	770	-.03	23	51
52-85-0037	7226166	1491007	11-68	2	299	17,380	3.63	631	182	14,755	3.45	509	10-72	40	750	.02	30	56
52-85-0037	7325767	1458744	4-69	2	297	17,320	3.82	662	163	14,845	3.43	509	9-72	40	656	.04	29	51
52-85-0037	7326434	1458744	1-69	2	279	18,990	3.38	641	155	14,605	3.43	501	7-72 H	40	845	-.02	27	57
52-85-0037	7409235	1365341	3-69	2	305	21,075	3.55	748	154	14,780	3.48	514	2-73	40	1,117	-.01	39	78
52-85-0037	7457858	1347940	7-69	1	305	19,390	3.10	601	175	13,830	3.45	477	9-71	36	900	-.03	27	59
52-85-0037	7458941	1447141	6-69	2	303	18,675	3.73	696	128	14,390	3.41	491	6-72	40	580	.08	33	51
52-85-0037	7458942	1447141	7-69	2	305	19,990	3.46	691	137	14,580	3.46	505	8-72	40	698	.05	32	55
52-85-0037	7619100	1387978	6-69	1	305	20,420	3.20	654	179	16,020	3.45	553	11-72	36	768	-.04	22	50
52-85-0037	7639662	1347940	12-69	1	303	20,390	3.04	620	142	15,480	3.39	525	7-72	36	876	-.04	25	57
52-85-0037	7657781	1387978	10-68	3	305	17,740	3.57	634	58	15,100	3.45	521	4-73	42	696	.01	26	50
52-85-0037	7950255	1491007	8-70	1	305	19,410	3.46	671	146	15,490	3.40	526	7-72	35	820	.00	30	58
52-85-0037	7999885	1347940	8-70	1	305	18,310	4.14	758	144	16,080	3.46	557	1-73	36	686	.06	34	56
52-86-0009	7615508	1514454	9-68	2	305	24,785	3.02	749	31	16,500	3.63	599	3-72	25	1,096	-.12	21	62
52-86-0037	7445061	1427381	9-69	1	305	15,720	3.70	582	18	14,210	3.57	507	8-72	36	817	.05	37	64
52-86-0037	7574728	1427381	12-69	1	305	15,830	3.68	583	18	14,210	3.57	507	8-72	36	825	.05	37	65
52-88-0003	7337189	1491007	3-69	2	305	21,305	3.31	706	31	16,480	3.67	604	6-72	40	1,009	-.04	30	66
52-88-0013	5527309	1189679	9-61	7	304	19,389	3.69	716	20	14,051	3.71	521	11-72	44	1,037	-.02	34	71
52-88-0013	6901661	1379208	6-67	4	294	19,493	3.75	731	38	14,858	3.65	542	10-72	43	845	.03	35	64
52-88-0013	6901662	1379208	6-67	4	295	18,578	3.56	662	34	14,920	3.61	539	10-72	43	725	.01	27	52
52-88-0013	7125972	1347940	7-68	3	303	18,430	3.57	658	35	14,710	3.55	522	7-72	42	882	.00	32	63
52-88-0013	7382841	1491007	6-69	2	296	17,290	3.49	604	33	14,465	3.46	501	7-72	40	764	.00	28	55
52-88-0030	7120192	1347940	8-68	2	305	17,530	3.41	597	29	13,795	3.45	476	10-72	40	830	-.01	29	58
52-88-0033	6720536	1421175	6-66	4	299	19,505	3.64	710	21	16,080	3.53	567	12-72	36	671	.02	27	50
52-88-0033	7133272	1389602	9-68	2	305	21,510	3.92	844	22	16,570	3.43	569	3-73	30	813	.06	39	66
52-88-0033	7133274	1435384	9-68	2	305	23,420	3.38	792	25	16,360	3.54	579	10-72	30	792	-.02	25	53
52-88-0035	7047561	1283917	12-67	3	305	22,020	3.55	782	23	15,880	3.58	569	4-73	42	915	-.06	23	56
52-88-0035	7059285	1491007	1-68	3	305	23,660	3.17	749	32	16,143	3.54	571	12-72	42	1,375	-.06	40	89
52-88-0035	7280970	1399824	1-69	2	305	21,930	3.34	732	34	17,295	3.49	604	12-72	40	840	-.01	29	58
52-88-0035	7528259	1427615	8-69	2	305	20,990	3.17	665	32	15,885	3.47	552	8-72	40	983	-.14	14	52
52-88-0035	7599556	1355784	11-69	1	305	23,920	3.01	721	35	17,370	3.60	625	12-71	35	1,019	-.13	16	55
52-92-0001	6898807	1375429	8-67	4	302	21,172	3.23	683	41	14,715	3.62	532	11-72	35	907	-.07	21	54
52-92-0001	7156959	1510659	8-68	2	305	18,125	4.33	784	77	13,520	3.63	491	8-72	29	529	.13	38	53
52-95-0007	5504525	1359420	2-62	8	304	21,071	3.43	722	20	16,128	3.48	562	8-72	36	938	.01	35	67
52-95-0007	6995187	1377954	10-67	3	301	20,883	3.15	657	19	16,630	3.46	575	5-72	42	868	-.05	24	55
52-95-0058	6613353	1329588	4-65	5	304	21,086	3.21	677	9	14,768	3.60	531	7-72	44	1,004	-.08	24	61
52-95-0058	6968714	1261857	9-67	4	304	20,030	3.52	705	18	15,088	3.55	535	11-72	44	920	.04	40	71
52-95-0058	6968717	1261857	6-67	4	274	18,008	3.80	685	10	15,248	3.55	541	3-73	44	655	.09	37	58
52-97-0003	7421498	1427381	8-69	1	305	15,830	3.65	578	39	12,810	3.54	454	3-72	36	908	.05	40	70
52-98-0003	6774665	1406271	9-66	4	298	19,885	3.35	666	23	16,160	3.43	555	5-72	44	851	.01	32	61
52-98-0003	7243113	1347940	9-68	2	305	19,460	3.28	638	24	15,835	3.36	532	5-72	40	860	-.02	28	58
52-98-0003	7596800	1491007	11-69	1	305	19,060	3.14	598	24	16,590	3.29	545	4-72	35	727	-.01	24	50
52-98-0018	6689565	1488231	10-66	3	303	24,586	3.40	835	24	17,603	3.56	627	7-72	32	1,116	-.05	33	73
52-98-0018	7105474	1491007	1-68	3	296	21,126	3.69	779	35	17,483	3.49	611	8-72	42	955	.03	39	72
52-98-0018	7210778	1491007	7-68	1	305	22,190	3.57	793	17	17,470	3.54	618	5-72	35	910	.01	34	66
52-98-0018	7210779	1491007	7-68	2	305	19,250	3.59	691	33	17,390	3.57	620	9-71	40	725	.01	28	53
52-98-0018	7210780	1491007	7-68	3	260	24,296	3.28	798	18	17,790	3.39	603	4-73 B	42	1,296	-.03	42	88
52-98-0018	7336281	1447141	12-68	2	305	22,255	3.29	733	39	17,455	3.45	602	8-72	40	694	.02	28	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	INDEX...COW MILK (LB)	FAT (%)	INDEX...HEIFER FAT (LB)	DOL-LARS
52-98-0018	7336283	1491007	2-69	2	296	21,280	3.77	802	36	17,040	3.49	594	8-72	40	961	.04	41	$ 73
52-98-0018	7394433	1491007	2-69	2	305	19,640	3.15	619	37	17,365	3.44	597	10-72	40	767	-.04	22	50
52-98-0026	7051912	1491007	12-67	3	293	17,963	3.16	568	14	15,443	3.26	504	1-73	42	777	-.02	25	53
52-98-0026	7249517	1491007	12-68	2	305	21,490	2.99	643	9	15,715	3.29	517	3-72	40	1,091	-.05	31	70
52-98-0026	7249519	1347940	1-69	2	287	20,760	3.27	678	22	16,325	3.33	543	8-72	40	953	-.02	31	65
52-98-0030	6678404	1465506	7-66	4	305	18,698	3.84	718	15	13,450	3.86	519	4-72	30	762	.02	30	56
52-98-0034	7225693	1491007	12-68	1	305	16,430	3.60	592	50	14,090	3.43	483	7-72	35	679	.02	27	50
54-02-0033	6459874	1442837	11-65	5	286	19,450	3.69	718	10	12,946	3.50	453	6-72	B 43	662	.02	27	50
54-02-0054	6741260	1347940	9-66	4	305	19,640	3.62	710	9	15,507	3.62	561	4-73	44	974	.01	36	70
54-02-0054	7421008	1427381	3-69	2	305	18,055	4.21	760	32	14,925	3.79	565	4-72	40	991	.09	50	82
54-02-0054	7514017	1427381	7-69	2	305	16,950	4.08	692	35	14,380	3.75	539	12-72	40	923	.08	46	76
54-02-0054	7514018	1427381	8-69	2	303	15,300	4.15	635	54	13,030	3.82	498	9-72	40	865	.08	43	71
54-02-0054	7514019	1427381	8-69	2	305	17,325	4.35	753	55	13,385	3.80	509	8-72	40	1,042	.11	54	88
54-02-0058	6302135	1329588	3-65	6	296	22,348	3.50	782	19	17,888	3.62	648	1-73	44	844	-.03	25	55
54-10-0002	6482729	1242221	2-65	6	302	19,832	3.45	685	21	16,632	3.58	595	5-72	43	1,055	-.02	35	72
54-10-0002	6482730	1242221	4-65	5	302	19,504	3.35	653	34	16,190	3.45	559	9-72	43	1,058	-.03	34	72
54-10-0002	6726292	1445278	9-66	2	305	20,935	3.82	800	26	16,510	3.70	611	8-72	40	893	-.05	25	57
54-10-0002	6997716	1347940	3-67	3	305	19,263	3.51	676	28	16,316	3.56	581	3-72	42	830	-.01	29	50
54-13-0018	7257372	1379208	12-67	3	300	20,747	3.40	705	16	15,320	3.56	546	9-72	42	917	-.02	30	62
54-13-0043	7209805	1438758	9-68	2	305	22,305	3.16	705	35	15,695	3.44	540	6-72	40	971	-.11	18	55
54-13-0063	7611206	1414618	2-69	2	305	22,020	3.33	734	15	15,130	3.62	547	2-73	40	855	-.04	24	55
54-13-0064	6829373	1379208	11-66	4	296	22,593	3.19	721	15	15,973	3.46	553	10-72	43	1,120	-.05	33	73
54-13-0064	7047633	1379208	11-67	2	305	20,815	3.75	781	15	16,940	3.33	564	4-72	40	720	.05	34	58
54-13-0065	7768989	1447414	10-70	1	286	17,480	3.38	590	23	12,610	3.79	478	1-73	36	940	-.06	25	59
54-17-0002	7501635	1347940	12-68	2	305	17,190	3.62	623	8	14,005	3.74	524	3-73	40	779	-.01	27	54
54-17-0002	7501636	1347940	12-68	1	305	18,780	3.07	576	9	13,470	3.63	489	8-71	36	876	-.05	24	56
54-17-0040	6612914	1347940	7-66	3	305	16,140	3.46	559	11	13,266	3.45	458	12-71	42	752	-.01	26	52
54-19-0003	6498662	1425910	10-65	4	305	21,970	3.74	822	35	15,040	3.77	567	2-72	34	1,124	.00	40	79
54-19-0003	7168686	1347940	5-68	3	303	17,576	3.52	618	51	14,636	3.62	530	9-72	H 42	791	-.01	27	55
54-19-0034	7289454	1406271	1-69	2	305	17,375	3.97	690	15	13,145	3.70	486	12-72	40	774	.07	39	64
54-19-0041	6315483	1347940	3-65	3	305	18,726	3.57	668	21	14,393	3.66	527	10-71	42	945	-.01	33	66
54-19-0041	6784102	1347940	4-67	4	304	20,722	4.02	834	17	14,527	3.59	521	6-72	44	1,204	.07	55	95
54-19-0069	6509778	1458744	11-65	5	304	18,188	3.82	694	49	14,776	3.90	576	11-72	44	816	.00	29	57
54-19-0069	7082261	1458744	9-67	3	299	17,096	4.43	757	52	15,446	3.88	600	11-72	42	595	.08	33	52
54-19-0069	7119572	1494828	10-67	3	305	19,316	4.16	803	55	15,146	3.86	584	1-72	33	615	.12	40	59
54-19-0069	7174046	1494828	6-68	2	305	21,255	3.95	840	46	16,255	3.83	622	2-72	30	675	.09	38	59
54-19-0069	7223963	1458744	12-68	2	305	19,165	4.41	845	50	15,630	3.85	602	5-72	40	779	.08	40	65
54-19-0069	7223966	1447141	1-69	3	299	21,163	3.73	789	45	16,486	3.83	632	4-73	42	725	.05	33	57
54-19-0069	7332097	1494828	1-69	2	305	19,300	4.21	812	53	15,645	3.79	593	6-72	30	502	.18	37	51
54-19-0069	7496484	1458744	11-69	2	301	19,255	3.58	690	46	15,880	3.87	615	12-72	40	768	-.03	23	51
54-19-0069	7649820	1427381	2-70	1	305	19,700	3.68	725	52	15,510	3.84	596	5-72	36	1,036	.03	42	77
54-19-0078	6695474	1347940	12-66	3	300	15,450	4.19	647	6	13,880	3.76	522	10-72	42	616	.06	31	51
54-19-0078	6935391	1347940	7-67	3	303	17,970	3.83	689	7	14,503	3.79	549	10-72	42	840	.02	33	62
54-19-0078	7081808	1347940	1-68	2	297	20,305	3.43	696	16	14,215	3.84	546	11-71	40	1,078	-.04	33	71
54-19-0078	7088977	1458744	11-67	2	268	17,670	4.06	717	16	14,770	3.76	555	12-71	H 40	697	.03	30	53
54-19-0080	6660276	1458744	9-66	3	305	18,783	3.16	594	12	13,423	3.63	487	12-72	42	975	-.07	24	60
54-19-0080	6902534	1347940	7-67	3	300	17,756	3.43	609	12	13,666	3.61	494	11-72	42	901	-.02	29	61
54-19-0080	8179318	1347940	12-70	1	305	21,610	3.35	725	8	14,570	3.67	534	3-73	36	1,021	-.02	33	69
54-19-0081	6853907	1347940	4-67	2	302	17,915	3.54	635	11	15,585	3.59	560	12-72	40	724	.00	26	51
54-21-0034	7854246	1406271	8-69	1	305	19,680	3.86	759	24	14,320	3.45	494	5-72	36	793	.07	39	65
54-26-0009	7372571	1320310	7-69	2	305	16,290	3.69	601	5	14,245	3.58	510	12-72	40	746	-.03	23	50
54-26-0014	7039438	1347940	11-67	3	292	21,340	3.31	707	11	16,253	3.42	556	11-72	42	1,075	-.03	34	72
54-26-0014	7118554	1347940	1-68	3	305	18,683	3.40	635	18	13,416	3.32	446	8-72	42	1,030	-.01	36	72
54-26-0014	7618341	1406271	11-69	1	305	18,810	3.82	718	13	15,990	3.44	550	4-72	36	629	.07	33	53
54-26-0080	6784789	1347940	1-67	4	300	17,517	3.63	635	25	15,927	3.42	545	7-72	44	670	.03	28	51
54-26-0080	7652695	1320310	8-69	2	305	20,025	3.30	660	19	15,090	3.60	543	11-72	40	1,059	-.07	27	66
54-26-0080	7706277	1493686	4-70	1	305	22,900	3.04	696	24	17,220	3.62	623	6-72	36	861	-.03	26	57
54-26-0088	6878487	1347940	8-67	2	305	17,780	3.25	577	9	13,750	3.53	485	3-72	40	859	-.03	26	57
54-27-0029	5869977	1330987	3-63	6	305	18,821	3.84	722	20	15,480	3.75	581	12-71	44	694	.05	33	56
54-27-0029	6648939	1379208	8-66	5	304	18,940	3.39	642	35	15,238	3.65	556	3-73	44	758	-.03	23	50
54-27-0030	6400153	1346850	9-65	5	305	20,702	3.34	692	69	14,130	3.79	535	2-73	44	928	-.08	21	55
54-27-0030	7367804	1477122	11-68	2	305	21,210	3.39	719	89	15,730	3.67	577	1-73	30	834	-.06	20	51
54-27-0030	7561439	1406271	8-69	2	292	20,545	3.39	697	113	14,960	3.70	554	9-72	40	949	.00	34	67
54-27-0030	7592439	1406271	9-69	2	305	21,315	3.45	736	47	15,945	3.66	584	4-73	40	947	.01	35	68
54-27-0030	7912440	1535960	9-70	1	295	21,410	3.13	670	81	17,260	3.55	612	1-73	29	713	.00	25	50
54-27-0045	7011749	1347940	10-67	3	300	17,706	3.35	593	29	13,830	3.65	505	12-72	42	880	-.04	26	58
54-27-0045	7049450	1347940	7-67	4	305	15,735	3.71	583	38	12,957	3.67	475	4-73	44	744	.01	28	54
54-27-0049	6349127	1440493	1-65	5	305	18,520	3.84	712	21	14,072	3.77	530	8-72	35	671	.05	32	54
54-27-0049	6531504	1347940	11-65	5	305	21,422	3.73	799	17	15,360	3.76	578	9-72	44	1,237	.01	46	89
54-27-0049	7263890	1447141	12-68	2	305	22,025	3.67	809	30	14,920	3.83	571	6-72	40	876	.04	38	67
54-27-0049	7444662	1320310	5-69	2	296	17,290	3.69	638	31	14,950	3.85	576	5-72	40	792	-.04	22	51
54-27-0049	7444663	1347940	7-69	2	305	17,510	3.75	656	11	15,420	3.77	581	2-73	40	696	.01	26	50
54-27-0063	6170442	1122127	8-64	7	297	18,827	3.78	711	67	15,239	3.76	573	10-72	44	760	-.03	23	50
54-27-0063	7120369	1347940	7-68	3	301	19,380	3.58	693	80	16,040	3.72	596	11-72	42	869	-.01	29	60
54-27-0063	7340196	1347940	11-68	2	298	18,640	3.54	659	65	15,410	3.76	579	6-72	40	812	-.01	27	56
54-27-0063	7340197	1347940	11-68	2	305	20,410	3.34	682	90	15,720	3.71	583	9-72	40	966	-.04	29	64
54-27-0087	7011613	1239242	10-67	3	305	22,937	3.33	764	25	17,630	3.53	623	9-72	42	825	-.04	23	53
54-27-0087	7551306	1447141	9-69	2	246	21,015	3.41	717	32	16,570	3.55	589	9-72	40	640	.03	28	50
54-31-0024	6907107	1347940	7-67	4	296	18,847	3.28	618	16	16,380	3.25	533	11-72	44	790	-.01	27	55
54-31-0024	6907113	1265694	11-67	3	305	20,647	3.36	693	20	16,120	3.33	536	9-72	42	857	-.08	19	51
54-31-0024	7794960	1447414	12-70	1	299	23,820	2.42	576	32	18,850	2.93	553	11-72	36	1,040	-.12	19	58
54-32-0013	7794958	1447414	10-70	1	291	17,590	3.42	601	29	13,850	3.55	492	9-72	36	874	-.04	25	56
54-32-0014	5591788	1257301	7-60	8	297	20,239	3.42	692	18	15,435	3.65	563	3-72	36	777	-.04	22	50
54-32-0014	6998186	1347940	9-67	1	305	20,980	3.73	783	35	16,750	3.47	581	11-72	36	845	.02	34	63
54-32-0014	7351283	1347940	3-69	2	305	18,925	3.58	678	18	16,895	3.59	606	4-73	40	720	.00	26	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
54-32-0014	7443273	1347940	8-69	2	305	19,630	3.34	656	34	16,345	3.52	576	10-72		40	836	-.03	26	$ 56
54-32-0015	7203080	1347940	10-68	2	300	19,605	3.29	645	35	16,510	3.53	583	11-72		40	820	-.03	25	54
54-32-0015	7433985	1347940	10-69	1	305	21,030	3.03	638	5	17,450	3.62	631	4-72		36	807	-.06	20	50
54-32-0018	7457278	1445278	10-69	2	305	20,400	2.96	604	12	12,685	3.46	439	9-72		40	1,151	-.14	19	63
54-34-0004	6973210	1504374	1-68	3	305	21,640	3.04	832	25	17,170	3.41	585	6-72		29	710	.07	37	60
54-35-0019	7486653	1427381	1-70	1	305	15,370	3.85	591	18	11,920	3.45	411	8-72		36	927	.07	44	75
54-35-0019	7883245	1427381	4-70	1	305	18,990	2.94	559	21	12,110	3.50	424	9-72		36	1,185	-.02	40	82
54-39-0021	7211619	1347940	8-68	1	305	17,750	3.68	654	14	12,790	3.36	430	8-71		36	840	.02	34	63
54-39-0021	7454100	1347940	9-69	1	305	17,060	3.25	555	17	13,530	3.41	462	10-72		36	744	-.02	24	50
54-39-0041	6431668	1346850	8-65	3	302	23,390	3.13	731	13	16,813	3.34	562	6-72		42	904	-.07	21	54
54-39-0041	6648055	1339464	6-66	5	304	22,368	3.06	684	10	16,276	3.28	534	12-72		44	954	-.11	17	53
54-39-0041	7575225	1320310	2-70	1	305	21,130	3.09	653	18	16,330	3.17	518	8-72		36	967	-.06	25	60
54-45-0001	6781297	1346850	3-65	5	303	20,858	3.10	646	6	13,368	3.46	462	3-73		44	1,027	-.09	23	61
54-49-0015	6616683	1347940	8-66	4	305	17,250	3.62	624	35	14,340	3.79	544	7-72		44	794	-.01	27	55
54-49-0015	6996259	1392774	11-67	3	305	21,706	3.53	767	31	15,496	3.75	581	4-72		42	726	.00	26	51
54-49-0015	7409491	1427381	8-69	2	305	17,300	3.85	666	50	14,130	3.81	538	9-72		40	979	.05	43	76
54-49-0015	7562724	1427381	10-69	2	305	16,735	3.78	632	58	14,495	3.78	548	10-72		40	892	.04	39	69
54-49-0015	7562726	1427381	12-69	1	305	23,490	3.62	850	44	15,100	3.77	569	12-71		36	1,342	.03	53	99
54-49-0025	7400203	1427381	7-69	2	262	18,850	3.39	639	17	14,270	3.55	506	3-73	B	40	1,125	.02	43	82
54-49-0025	7547066	1427381	9-69	1	305	17,800	3.54	630	17	14,520	3.69	536	4-72		36	953	.03	39	71
54-49-0025	7547067	1427381	9-69	1	305	15,560	3.93	612	17	14,040	3.71	521	3-72		36	815	.06	39	66
54-59-0025	5722550	1122127	4-62	6	298	17,768	3.35	596	11	13,093	3.57	467	11-72		44	845	-.07	19	50
55-00-0017	7864308	1493686	7-70	1	305	18,370	3.67	674	30	14,750	3.57	527	7-72		36	670	.04	30	52
55-00-0030	7613956	1427381	5-70	1	305	17,010	3.58	609	47	15,030	3.48	523	9-72		36	864	.04	38	67
55-00-0030	7613957	1427381	11-69	1	305	17,360	3.53	612	49	15,240	3.44	524	10-72		36	877	.04	38	68
55-00-0036	7646803	1399283	12-69	1	305	22,700	3.52	798	24	13,950	3.76	524	7-72		36	894	-.05	25	57
55-00-0036	7946625	1447414	4-70	1	305	16,790	3.79	637	19	13,820	3.92	542	10-72		36	816	-.03	25	54
55-00-0036	8070454	1447414	5-70	1	305	15,610	3.90	609	20	13,770	3.81	525	9-72		36	731	-.01	24	50
55-00-0040	7332384	1399283	8-68	2	305	23,535	3.67	864	26	17,090	3.77	645	6-72		40	941	-.03	29	63
55-00-0042	6305827	1430386	5-65	5	305	20,982	3.61	757	12	17,704	3.54	626	5-72		36	654	.04	29	51
55-02-0026	7877823	1347940	9-69	1	305	18,070	3.64	658	8	15,260	3.51	535	11-71		36	717	.01	28	53
55-10-0043	7306542	1330987	10-68	3	304	21,833	3.55	776	18	16,210	3.49	566	10-72		42	933	.04	40	71
55-10-0054	6730406	1417208	7-65	4	305	20,318	3.19	649	9	16,408	3.30	542	1-72		44	839	-.03	25	55
55-10-0060	6908394	1261857	8-67	2	296	19,140	3.71	710	20	15,110	3.53	534	7-72		40	735	.07	37	61
55-10-6007	6666662	1261857	10-66	4	305	24,258	3.25	789	5	16,148	3.56	575	9-72		44	1,338	-.01	46	93
55-10-6007	6793519	1261857	1-67	3	305	21,600	3.31	714	7	16,473	3.41	561	9-72		42	938	.02	37	69
55-10-6007	6832509	1261857	6-67	4	299	19,955	3.26	650	11	16,525	3.37	557	12-72		44	769	.02	31	57
55-10-6007	6832510	1261857	6-67	4	305	19,643	3.23	634	7	16,140	3.28	530	3-73		44	768	.02	31	57
55-10-6007	6938387	1261857	9-67	4	305	19,810	3.59	711	15	16,965	3.40	577	1-73		44	708	.07	36	59
55-10-6007	7556494	1426597	9-69	2	305	23,810	3.53	840	11	18,865	3.44	649	11-72		40	769	.00	28	55
55-10-6007	7605309	1406271	12-69	2	300	20,850	3.49	728	16	17,555	3.55	624	11-72		40	769	.02	31	57
55-10-6007	7605310	1406271	12-69	1	305	21,510	3.24	697	18	17,870	3.53	630	11-72		36	718	.00	26	51
55-10-6007	7698388	1406271	8-70	1	304	20,400	3.44	702	10	15,870	3.44	546	4-73		36	754	.03	32	57
55-11-0006	6157685	1414893	10-64	6	303	20,390	3.62	738	57	17,407	3.56	619	12-72		38	657	.03	29	50
55-11-0006	7223258	1506745	11-68	3	277	21,516	3.32	714	52	17,756	3.57	634	3-73	B	34	844	-.06	21	52
55-11-0006	7294393	1506082	1-69	3	305	21,486	3.57	766	50	17,756	3.58	635	3-73		35	806	-.01	28	56
55-12-0012	7453752	1447414	10-69	1	305	19,910	3.35	667	34	16,430	3.47	570	5-72		36	893	-.05	25	57
55-12-0012	7744850	1447414	6-70	1	181	19,920	3.79	755	14	17,370	3.28	569	1-73	B	36	838	.01	32	61
55-18-0001	7161111	1347940	9-67	2	278	17,580	3.49	614	48	15,140	3.29	498	9-71	B	40	726	.02	29	54
55-18-0001	7161112	1347940	9-67	2	249	17,275	3.42	591	44	15,040	3.31	498	11-71	B	40	703	.00	26	50
55-18-0001	7161114	1347940	2-68	2	235	19,010	3.17	603	41	15,580	3.29	512	11-71	B	40	835	-.03	26	56
55-18-0006	7141767	1413165	5-68	3	305	21,700	3.79	823	26	17,463	3.75	655	10-72		42	859	-.06	21	53
55-18-0006	7141771	1407362	9-68	2	305	28,575	3.46	988	24	17,910	3.84	688	12-71		33	1,491	-.02	51	103
55-18-0017	7172592	1387978	11-68	2	305	20,640	3.06	632	17	14,345	3.36	482	6-72		40	1,028	-.06	28	65
55-18-0034	5975779	1189870	2-63	7	304	21,551	3.54	762	11	15,123	3.64	550	7-72		44	997	-.01	35	70
55-18-0034	6941314	1407362	9-67	4	300	18,927	3.75	710	20	15,270	3.65	557	8-72		37	708	.06	34	57
55-18-0034	7942186	1399283	1-70	1	305	22,960	3.64	835	19	16,110	3.72	599	11-72		36	784	-.03	23	51
55-18-0041	7304671	1494358	10-68	2	305	21,000	3.38	709	9	14,560	3.72	542	5-72		32	944	-.08	21	56
55-18-0051	6871819	1261857	3-67	4	302	17,733	3.99	708	8	15,545	3.78	588	12-72		44	591	.09	35	53
55-18-0051	6871822	1261857	7-67	4	298	17,868	4.14	739	13	16,245	3.81	619	11-72		44	539	.11	36	52
55-18-0051	7130821	1330987	11-67	3	305	20,123	3.78	760	15	15,726	3.76	591	12-72		42	781	.05	36	62
55-18-0061	7406614	1413165	10-69	2	305	21,990	3.17	696	9	15,230	3.34	509	3-73		40	1,016	-.12	18	56
55-21-0014	7550855	1447414	9-69	1	305	19,390	3.00	582	8	15,290	3.37	516	3-73		36	922	-.07	22	56
55-21-0014	7550856	1447414	9-69	2	294	18,815	3.15	592	18	13,835	3.61	500	11-72		40	1,060	-.08	25	64
55-21-0014	7550858	1447414	11-69	1	305	17,990	3.64	655	16	14,460	3.49	505	7-72		36	867	-.02	28	59
55-21-0014	7884004	1447414	9-70	1	305	18,620	3.38	629	16	13,170	3.72	490	12-72		36	991	-.06	27	63
55-22-0043	6222404	1406271	8-64	5	305	23,332	3.25	758	18	17,254	3.33	575	5-72		44	1,201	-.01	42	84
55-22-0043	6449914	1406271	8-65	4	305	20,078	3.43	688	12	15,658	3.40	533	2-72		44	925	.02	37	69
55-22-0053	7181458	1347940	5-68	1	305	20,650	4.03	833	17	18,170	3.57	648	9-72		36	738	.05	34	58
55-28-0002	7358066	1261857	8-67	3	305	19,710	4.53	893	10	18,003	3.65	657	11-72		42	580	.19	49	65
55-28-0010	5960098	1338072	8-63	7	305	19,389	3.51	681	44	15,243	3.67	559	3-73		36	779	-.03	24	52
55-28-0010	7307265	1330987	12-67	1	305	23,300	3.55	827	60	16,220	3.43	556	10-72		36	827	.04	36	64
55-28-0017	7676080	1406271	6-70	1	305	20,890	3.26	680	21	13,700	3.69	505	9-72		36	920	.00	33	65
55-28-0017	7676082	1450228	7-70	1	298	21,990	3.36	738	20	15,110	3.73	563	12-72		36	1,025	-.06	28	65
55-28-0025	6917339	1377954	9-67	4	305	18,278	3.70	677	30	14,598	3.71	541	12-72		44	778	.02	31	58
55-28-0025	7533033	1450228	1-70	1	305	20,490	3.55	727	37	13,760	3.74	515	9-72		36	993	-.04	30	66
55-28-0025	7533034	1450228	2-70	1	305	17,590	3.55	625	36	13,730	3.68	505	7-72		36	779	-.03	23	51
55-28-0025	7705824	1450228	7-70	1	305	18,290	3.49	639	42	13,880	3.69	512	8-72		36	822	-.04	24	54
55-28-0025	7705825	1450228	8-70	1	305	18,200	3.56	648	42	13,880	3.69	512	8-72		36	816	-.03	25	54
55-28-0026	6625481	1261857	8-66	4	305	16,118	3.46	557	42	12,943	3.59	465	1-73		44	649	.03	28	50
55-28-0026	6855425	1377954	7-67	3	305	16,230	3.46	562	45	12,513	3.56	445	10-72		42	711	.00	25	50
55-28-0027	6778877	1377954	8-66	4	304	17,918	3.21	575	33	13,908	3.39	471	6-72		44	802	-.02	25	54
55-28-0027	6933876	1377954	10-67	2	305	18,485	3.44	635	39	13,205	3.48	459	1-72		40	851	.00	31	61
55-28-0027	7644105	1426597	7-69	2	305	21,895	2.51	550	28	13,610	3.28	446	2-73		40	1,002	-.13	15	53
55-28-0032	6664759	1347940	12-66	3	303	19,180	3.72	714	24	14,026	3.73	523	9-71		42	1,031	.01	38	74

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
55-28-0032	6734660	1347940	3-66	5	297	19,642	3.31	650	15	14,808	3.63	537	4-72		44	1,064	-.05	31	$ 69
55-28-0032	7060370	1387978	4-68	3	305	17,680	3.77	667	25	13,043	3.61	471	9-72		42	878	.02	34	64
55-28-0032	7816591	1447414	10-69	1	305	19,080	3.39	646	25	12,420	3.41	424	9-72		36	1,070	-.04	32	70
55-28-0035	6731517	1261857	9-66	4	304	31,035	3.52	1091	35	15,443	3.61	557	2-72		44	2,244	.03	85	163
55-28-0035	6922344	1261857	8-67	4	301	19,898	3.67	731	37	15,380	3.54	544	11-72		44	875	.07	42	71
55-28-0035	7081900	1258673	9-67	3	305	24,537	3.56	873	31	16,407	3.44	564	5-72		42	784	.14	49	73
55-28-0035	7153417	1473442	9-68	3	303	23,440	3.15	738	27	16,940	3.41	577	2-73		41	1,120	-.09	26	67
55-29-0009	6594490	1261857	8-66	5	291	16,954	3.87	656	25	14,960	3.38	506	2-73		44	560	.11	37	54
55-29-0009	6668345	1261857	12-66	4	301	17,110	3.81	652	25	13,855	3.36	465	6-72		44	681	.10	40	61
55-29-0009	6884361	1261857	8-67	4	297	18,463	3.47	640	21	15,483	3.40	525	1-73		44	691	.05	33	56
55-29-0009	6961486	1261857	11-67	3	305	16,790	3.89	653	32	13,617	3.37	459	10-72		42	648	.11	40	60
55-29-0009	6961487	1261857	11-67	3	300	18,450	3.13	578	34	13,610	3.39	461	9-72		42	839	.01	31	60
55-33-0025	6787950	1406271	1-67	3	305	17,667	4.01	709	38	15,680	3.57	560	10-72		42	615	.09	36	55
55-33-0026	7323627	1343126	3-68	2	300	24,325	2.96	719	16	16,745	3.55	594	5-72		40	1,006	-.13	16	54
55-33-0037	7454962	1447141	11-69	1	305	23,540	3.73	878	13	18,270	3.56	651	4-72		36	606	.07	33	52
55-35-0051	6406651	1347940	9-65	4	232	16,060	4.08	655	20	12,960	3.62	469	2-72		44	784	.06	38	64
55-38-0003	6401047	1442047	10-65	4	305	21,003	3.78	794	18	17,103	3.79	648	7-72		34	779	.00	28	55
55-38-0003	7020479	1476877	3-68	3	305	22,473	3.72	836	17	18,147	3.75	680	3-73		29	717	.01	27	52
55-38-0003	7124754	1399283	7-68	2	305	25,175	3.86	972	14	18,275	3.77	689	10-72		40	1,011	.00	36	71
55-38-0015	7600086	1491537	10-68	2	303	22,315	3.27	729	17	14,925	3.40	508	11-72		29	914	-.04	27	60
55-38-0020	7204611	1496750	7-68	3	304	19,947	3.93	784	34	15,937	3.52	561	8-72		41	720	.07	36	59
55-38-0020	7204614	1387978	7-68	3	297	20,213	3.28	663	24	15,620	3.53	551	6-72		42	932	-.05	26	60
55-38-0020	7430216	1506081	8-69	2	305	23,405	3.43	802	20	16,660	3.49	581	11-72		29	899	-.02	30	62
55-38-0020	7751258	1447414	9-70	1	305	21,440	3.85	825	32	15,950	3.52	562	9-72		36	1,036	.00	37	73
55-38-0034	7214099	1506745	12-68	2	305	19,255	3.68	708	55	15,180	3.66	555	1-72		32	762	-.01	26	53
55-38-0034	7231106	1506745	10-68	2	305	18,955	3.56	675	38	14,175	3.75	531	5-72		32	820	-.04	24	53
55-38-0037	4952867	1192713	8-59	4	305	22,233	3.44	765	17	17,103	3.70	633	4-72		44	899	-.04	26	58
55-38-0037	6719087	1261857	9-66	4	305	22,713	3.63	824	19	17,103	3.69	631	1-72		44	1,052	.05	45	81
55-38-0037	6719088	1261857	9-66	5	305	22,672	3.74	847	26	16,224	3.66	593	1-73		44	1,167	.07	53	92
55-38-0037	7702420	1447414	8-70	1	305	17,750	3.52	625	33	15,550	3.69	574	8-72		36	785	-.04	22	50
55-40-0019	6332902	1192713	3-65	6	299	20,985	3.28	689	40	16,902	3.54	598	9-72		44	787	-.05	21	50
55-40-0019	6921555	1387978	12-67	3	305	20,663	3.77	779	39	15,950	3.64	580	5-72		42	954	.02	37	70
55-40-0019	7066424	1387978	2-68	3	305	19,547	3.43	670	34	16,377	3.52	576	10-72		42	786	-.02	25	53
55-40-0019	7551175	1522949	12-69	1	305	22,160	3.29	730	34	16,130	3.50	564	6-72		26	683	.02	27	50
55-40-0019	7687158	1540369	5-70	1	305	21,030	3.46	727	45	16,740	3.52	589	10-72		29	670	.03	28	51
55-40-0021	7266431	1497727	3-69	2	305	23,490	3.17	745	26	17,695	3.54	627	4-72		30	846	-.07	19	50
55-40-0021	7339607	1387978	5-69	2	305	19,880	3.64	724	34	16,810	3.49	587	7-72		40	750	.01	28	54
55-40-0021	7358922	1387978	7-69	2	305	21,435	3.58	767	32	17,025	3.49	595	12-72		40	891	.00	32	63
55-40-0021	7687084	1450228	12-70	1	283	20,920	3.15	659	26	17,560	3.34	587	2-73		36	799	-.05	21	50
55-40-0038	6908334	1308429	10-67	3	305	19,763	4.17	825	26	14,890	3.87	576	10-72		42	683	.02	28	51
55-40-0045	6885757	1407362	5-67	3	305	19,660	3.71	730	26	16,116	3.48	561	5-72		36	688	.07	35	57
55-40-0045	7268431	1347940	8-68	2	305	16,170	3.78	611	27	13,775	3.51	483	9-72		40	694	.03	30	53
55-40-0051	7180431	1387978	9-68	3	305	19,407	3.68	714	35	16,757	3.59	601	9-72		42	735	.01	28	53
55-40-0051	7330440	1399283	3-69	2	305	22,320	3.52	785	20	17,480	3.62	633	4-72		40	786	-.04	22	50
55-40-0051	7596021	1447414	2-70	2	305	20,965	3.58	751	20	18,280	3.49	638	3-73		40	917	-.02	30	62
55-40-0051	7774385	1447414	6-70	1	305	21,290	3.22	686	22	17,760	3.55	630	1-73		36	917	-.06	23	57
55-40-0062	6730920	1261857	12-66	4	302	16,563	4.11	681	30	14,783	3.71	549	8-72		44	522	.11	35	51
55-40-0062	7060911	1387978	1-68	3	305	17,590	4.13	726	15	15,657	3.83	600	5-72		42	627	.04	29	50
55-40-0062	7843168	1447414	5-70	1	305	20,750	3.39	704	31	14,160	3.81	540	10-72		36	1,091	-.06	30	69
55-40-0062	7888431	1387978	12-69	1	305	16,950	4.16	705	21	13,760	3.76	517	6-72		36	645	.03	28	50
55-40-0082	7561075	1447414	1-70	1	305	18,050	3.62	654	11	14,830	3.27	485	12-71		36	850	-.01	29	59
55-40-0082	7741194	1447414	6-70	1	305	18,040	3.75	676	10	15,070	3.56	537	1-73		36	835	-.01	28	57
55-40-0082	7741195	1447414	8-70	1	305	19,310	3.36	648	10	14,360	3.45	495	4-72		36	972	-.04	28	63
55-40-6029	7903372	1447414	12-70	1	305	19,280	2.92	563	7	15,400	3.34	515	1-73		36	907	-.07	21	54
55-42-0003	7365722	1447414	6-69	2	276	18,750	4.22	792	12	15,200	3.86	587	9-72		40	942	.03	38	70
55-42-0005	7177750	1355784	3-68	3	305	20,620	3.48	718	42	17,226	3.61	621	11-72		42	894	-.08	20	53
55-42-0005	7177751	1355784	5-68	3	297	20,223	3.51	709	45	17,226	3.58	616	9-72		42	848	-.07	19	50
55-42-0005	7177764	1347940	6-68	3	300	20,110	3.49	702	46	17,263	3.56	615	8-72		42	840	-.01	28	58
55-42-0005	7177765	1347940	6-68	3	304	20,306	3.64	739	36	18,370	3.55	653	2-73		42	761	.01	29	55
55-42-0005	7470191	1410733	6-69	2	305	21,820	3.86	843	43	17,230	3.56	614	8-72		40	770	.03	33	59
55-42-0005	7470193	1447414	7-69	2	305	19,915	3.60	717	34	17,570	3.59	630	1-73		40	868	-.03	27	58
55-42-0005	7470202	1355784	9-69	2	305	20,800	3.59	747	35	17,165	3.59	616	12-72		40	876	-.06	22	54
55-43-0007	6279105	842876	12-64	7	298	20,956	3.05	640	42	16,409	3.37	553	1-73		44	922	-.10	18	53
55-43-0007	6309335	1447414	5-65	4	302	20,882	3.43	717	40	15,847	3.43	544	2-72		44	1,190	-.04	37	79
55-43-0007	6892357	1475485	10-66	4	250	22,050	3.27	721	38	16,980	3.35	568	4-72	A	38	848	-.04	24	55
55-43-0007	6840067	1473347	3-67	4	301	22,105	3.20	707	52	15,875	3.48	553	10-72		39	1,401	-.09	36	87
55-43-0007	6907344	1474638	7-67	3	305	22,443	3.01	676	51	16,006	3.47	555	7-72		38	1,124	-.10	24	66
55-43-0007	7063370	1261857	11-67	3	305	23,773	3.44	818	33	17,563	3.29	577	8-72		42	1,088	.06	48	84
55-43-0007	7116832	1495135	3-68	3	299	20,220	3.75	758	52	16,446	3.51	578	3-73	H	39	754	.08	39	63
55-43-0007	7116835	1495135	3-68	2	305	19,705	3.58	706	49	16,665	3.47	578	1-73		37	630	.06	32	52
55-43-0007	7528367	1447414	1-70	1	305	19,460	3.26	634	44	16,840	3.44	580	7-72		36	835	-.05	22	52
55-43-0007	7672129	1447414	3-70	1	305	21,670	3.29	714	51	16,760	3.45	579	2-73		36	1,004	-.05	28	64
55-43-0008	6972607	1261857	10-67	3	297	16,383	4.24	694	6	12,460	3.69	460	10-72		42	707	.12	44	66
55-44-0026	7427128	010275932	9-67	3	305	22,363	3.27	732	72	16,933	3.66	620	11-72		42	780	-.04	22	50
55-44-0026	7494775	010291309	9-67	3	305	21,630	3.31	716	89	15,926	3.62	577	8-72		38	865	-.06	22	54
55-44-0026	7666224	010298298	7-69	2	305	22,100	3.56	786	96	16,670	3.68	614	9-72		25	739	-.02	24	50
55-44-0026	7670032	010307182	8-69	2	303	23,470	3.43	805	76	17,380	3.64	633	1-73		25	840	-.03	25	55
55-44-0026	7775562	010308691	7-70	1	300	23,440	4.18	980	98	17,200	3.71	638	11-72		28	1,286	.10	62	104
55-44-0026	7862440	1406271	6-70	1	302	21,310	3.76	802	86	16,680	3.72	620	7-72		36	774	.05	35	61
55-44-0026	7862441	1406271	6-70	1	291	21,240	3.64	773	73	17,400	3.69	642	12-72		36	726	.03	31	56
55-44-0026	7862443	1406271	8-70	1	285	24,280	3.55	863	37	18,080	3.71	670	3-73		36	912	.02	36	67
55-44-0026	8144608	1447414	6-71	1	305	23,500	3.28	770	27	17,700	3.71	656	4-73		36	1,085	-.07	28	68
55-44-0026	012171683	1291309	2-67	4	305	22,005	3.07	676	70	15,525	3.63	564	12-72		30	1,013	-.11	19	57
55-44-0062	6718365	1447414	5-65	3	305	18,213	4.01	730	32	16,206	3.70	599	12-71		42	819	.02	33	61
55-44-0062	6814647	1465714	7-66	3	305	21,283	3.45	735	30	17,083	3.72	636	4-72		38	931	-.09	20	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
55-44-0062	6814648	1465714	7-66	3	305	21,367	3.18	679	33	16,730	3.71	620	8-72	38	976	-.13	15	$ 52
55-44-0067	6742430	1469898	12-66	2	305	19,410	3.44	667	33	14,765	3.69	545	5-72	34	857	-.07	20	52
55-44-0067	7139706	1377954	6-67	4	285	19,725	3.61	712	29	13,815	3.57	493	12-72	44	1,034	.02	40	76
55-44-0067	7325335	1406271	5-69	1	305	22,880	3.60	823	43	15,150	3.66	554	1-72	36	982	.03	40	73
55-44-0067	7636837	1447414	5-70	1	281	17,210	3.82	658	43	13,950	3.74	522	6-72	36	840	-.02	27	57
55-48-0054	7387842	1493686	2-69	2	292	20,075	3.38	679	39	16,915	3.53	597	9-72	40	742	.00	27	53
55-48-0061	7831729	1427381	8-70	1	305	21,730	3.87	842	19	17,450	3.64	636	2-73	36	1,071	.07	49	85
55-48-0075	7414109	010291281	5-66	2	305	20,465	3.12	639	6	14,880	3.41	508	4-72	35	1,029	-.05	29	66
55-48-0075	7572260	010275932	2-68	3	305	18,317	4.00	732	6	14,420	3.46	499	12-72	42	554	.09	33	50
55-48-0076	7353560	1435690	12-68	2	305	22,310	3.56	794	12	14,770	3.57	528	8-72	40	741	.06	36	60
55-53-0009	6652061	1085978	9-66	5	301	21,972	3.70	812	41	18,168	3.88	705	1-73	44	834	-.02	27	57
55-53-0009	6652063	1419567	11-66	4	305	22,412	3.88	869	32	17,675	3.83	677	8-72	39	888	.01	33	64
55-53-0009	7180261	1493192	6-68	3	304	22,337	3.52	787	35	18,003	3.85	694	1-73	35	866	-.07	21	53
55-53-0009	7421676	1419567	9-69	1	305	23,920	3.80	909	32	17,370	3.88	674	6-72	30	783	-.02	25	53
55-53-0017	6351762	1399628	8-65	5	305	22,426	3.46	776	42	16,698	3.70	618	10-72	42	1,046	-.07	27	65
55-53-0017	6846668	1377954	4-67	4	305	20,168	3.40	686	51	16,645	3.51	585	1-73	44	809	-.01	27	56
55-53-0017	7201130	1261857	7-67	3	305	22,440	3.48	781	34	18,237	3.54	646	5-72	42	872	.04	37	66
55-53-0017	7301984	1506331	11-68	2	305	25,000	3.18	795	38	17,605	3.49	615	7-72	31	1,023	-.07	26	63
55-53-0017	7378527	1506331	7-69	2	293	23,395	3.33	778	55	18,330	3.48	638	12-72	31	768	-.04	22	50
55-53-0017	7661705	1447141	7-70	1	305	23,510	3.55	834	46	17,850	3.61	645	1-73	36	629	.05	30	51
55-54-0037	6457647	1406271	9-65	6	303	19,717	3.74	738	31	15,950	3.66	583	3-73	44	869	.05	39	68
55-54-0037	6632682	1406271	9-66	5	303	18,546	3.86	716	36	15,696	3.68	577	1-73	44	744	.07	37	61
55-59-0014	7552238	1523470	12-69	1	305	23,280	3.42	796	10	17,050	3.48	594	5-72	22	794	-.03	24	52
55-59-0014	7552244	1427381	9-69	2	294	17,570	3.44	605	24	15,480	3.48	539	2-73	40	897	.03	37	67
55-59-0014	7552245	1427381	12-69	2	305	17,055	3.73	636	23	14,970	3.45	516	11-72	40	886	.07	42	71
55-63-0001	6595919	1206797	4-66	2	305	20,105	3.42	688	51	13,415	3.79	508	10-71	40	820	-.04	24	53
55-63-0001	7574596	1447414	9-69	2	305	19,250	3.58	690	46	15,210	3.93	597	1-73	40	992	-.06	27	63
55-63-0001	7780672	1450228	10-70	1	305	21,950	3.60	791	47	15,740	3.84	604	2-73	36	984	-.03	30	65
55-67-0005	6481922	1453010	8-65	5	305	22,250	3.60	802	33	17,080	3.67	627	2-72	42	868	-.03	27	58
55-67-0005	7058155	1261857	8-67	4	296	19,555	3.70	723	50	16,695	3.64	607	9-72	44	703	.06	35	58
55-67-0005	7743055	1447414	9-70	1	304	19,140	3.53	676	58	16,030	3.61	578	9-72	36	859	-.04	25	56
55-67-0010	5795985	1199324	11-62	7	296	20,467	3.42	700	11	15,727	3.80	598	2-73	44	1,062	-.06	29	67
55-67-0010	7400581	1427381	8-69	1	305	20,830	3.20	666	15	15,600	3.54	552	8-72	36	1,114	.01	41	80
55-67-0010	7501712	1427381	10-69	1	290	22,610	2.78	628	15	15,600	3.54	552	8-72	36	1,247	-.04	38	83
55-67-0014	6633499	1261857	9-66	5	305	20,180	3.64	734	25	18,038	3.66	660	2-73	44	659	.05	31	53
55-67-0014	7306692	1458744	12-68	2	305	21,880	3.80	831	37	17,480	3.63	635	7-72	40	904	.02	35	66
55-67-0014	7537635	1518086	12-69	1	305	23,730	3.30	782	42	17,520	3.65	639	10-72	34	858	-.08	19	51
55-67-0014	7758526	1447414	9-70	1	305	23,620	3.36	794	43	17,440	3.64	635	10-72	36	1,109	-.06	31	71
55-67-0015	7067463	1389915	4-68	2	305	19,340	3.33	644	21	14,175	3.76	533	4-72	38	937	-.09	20	55
55-67-0016	5558682	1199324	10-61	8	291	22,413	3.36	754	25	17,571	3.59	630	4-72	44	1,122	-.05	33	73
55-67-0016	6484061	1273756	8-65	5	305	22,934	3.49	801	31	18,154	3.48	632	9-72	44	994	.01	38	72
55-67-0016	7379628	1427381	9-69	2	286	20,040	3.55	712	49	18,160	3.54	642	10-72	40	930	.04	39	71
55-67-0016	7386544	1427381	8-69	1	305	19,980	3.69	738	39	16,950	3.48	590	6-72	36	971	.06	44	76
55-67-0018	6110133	1441862	5-64	7	302	21,534	3.25	700	34	16,133	3.49	563	12-72	32	904	-.06	23	56
55-67-0018	6709263	1417208	12-66	5	297	23,820	3.00	715	30	17,318	3.40	588	12-72	44	1,217	-.09	30	75
55-67-0018	7103417	1472115	7-67	4	293	20,467	3.62	741	55	15,862	3.48	552	9-72	37	760	.00	28	54
55-67-0018	7503709	1427381	9-69	1	305	17,560	3.54	622	65	16,030	3.44	552	8-71	36	845	.04	37	65
55-67-0027	6805609	1344811	7-65	5	303	22,520	3.77	850	38	15,564	3.77	586	7-72	32	1,133	.02	44	83
55-67-0028	5833477	1386774	1-63	7	305	23,596	3.33	786	23	17,863	3.64	651	4-72	36	959	-.07	23	58
55-67-0031	6813388	1481341	5-67	4	304	22,048	3.80	838	17	17,968	3.74	672	4-73	34	716	.02	29	53
55-67-0031	7662360	1447414	7-70	1	305	21,640	3.47	750	40	17,540	3.81	668	7-72	36	956	-.05	26	61
55-67-0032	7615946	1427381	2-70	2	289	18,995	3.44	653	16	17,270	3.52	608	1-73	40	896	.02	36	67
55-67-0035	7043938	1458744	3-68	2	305	19,655	3.50	688	37	16,225	3.87	628	11-72	40	780	-.04	22	50
55-67-0035	7403064	1458744	10-68	2	303	21,135	3.58	756	53	15,985	3.88	621	8-72	40	950	-.03	29	63
55-67-0035	7405066	1427381	8-69	2	305	19,915	4.08	813	21	18,135	3.76	681	1-73	40	919	.08	46	76
55-67-0035	7478407	1458744	9-68	2	305	18,285	4.16	760	53	16,010	3.87	620	9-72	40	659	.03	29	51
55-67-0038	7636127	1430145	7-70	1	305	22,900	4.38	1003	62	18,310	3.90	715	11-72	35	637	.07	34	54
55-67-0038	7636134	1450228	8-70	1	299	22,710	3.41	774	63	17,120	3.92	671	8-72	36	958	-.06	25	60
55-67-0038	7636136	1447414	7-70	1	285	22,440	3.43	770	62	18,300	3.92	717	11-72	36	970	-.07	24	60
55-67-0038	7755562	1447414	1-71	1	305	24,450	3.93	961	9	19,860	3.75	745	3-73	36	1,027	.00	37	73
55-67-0060	7565721	1447414	10-69	2	305	27,790	2.96	823	14	17,815	3.50	623	1-73	40	1,648	-.12	39	100
55-67-0067	7602253	1427381	11-69	1	293	18,590	3.74	695	28	15,040	3.46	520	8-72	36	981	.06	45	78
55-67-0068	6119037	1399628	7-64	5	305	20,922	3.56	745	33	16,480	3.79	625	7-72	42	866	-.06	22	54
55-67-0068	7242266	1506331	12-68	1	305	22,930	4.03	924	37	15,860	3.77	598	6-72	26	731	.04	33	57
55-67-0068	7440605	010275932	12-68	2	305	21,530	3.67	791	37	16,265	3.79	617	5-72	40	682	.02	27	50
55-67-0084	6054930	1189870	4-63	7	298	18,533	3.84	711	16	15,116	3.51	531	4-72	44	609	.06	31	51
55-67-0084	6939627	1474754	3-67	4	263	20,697	3.30	683	39	15,260	3.58	547	7-72	35	1,055	-.08	25	64
55-67-0084	6967451	1474754	10-67	4	304	20,812	3.42	712	33	16,110	3.59	579	1-73	35	975	-.06	26	61
55-67-0084	7400571	1417208	6-69	2	305	20,120	3.12	627	16	15,535	3.67	570	6-72	40	815	-.06	20	50
55-67-0084	7400573	1417208	7-69	2	299	19,370	3.25	629	17	14,705	3.69	543	8-72	40	806	-.05	22	51
55-67-0084	7400576	1417208	8-69	2	305	21,815	2.93	639	18	14,500	3.74	542	10-72	40	1,071	-.10	23	63
55-74-0009	6801982	1222994	1-67	3	305	23,190	3.52	816	27	19,790	3.53	699	1-72	42	765	.00	27	54
55-74-0009	6841641	1261857	1-67	5	295	22,538	3.48	784	29	20,018	3.53	706	1-73	44	759	.04	33	59
55-74-0009	6853340	1261857	5-67	4	291	23,083	3.69	852	31	16,395	3.67	601	1-73	44	1,168	.06	51	90
55-74-0009	7197249	1222994	8-68	2	251	21,435	3.69	791	29	17,125	3.80	651	9-72 B	40	753	.00	27	53
55-74-0009	7558089	1399283	12-69	2	299	24,220	3.74	906	33	19,335	3.77	728	1-73	40	828	-.02	27	56
55-74-0009	7558092	1261857	12-69	2	305	26,580	3.18	844	33	19,455	3.75	729	1-73	40	1,138	-.04	35	76
55-74-0009	7674643	1447414	6-70	1	264	19,290	3.64	702	27	16,680	3.94	658	7-72 B	36	832	-.04	23	53
55-74-0009	7836345	1447414	7-70	1	261	20,260	3.46	702	27	16,680	3.94	658	7-72 B	36	904	-.06	23	56
55-75-0014	7032339	1494749	1-68	4	302	19,843	3.38	671	20	14,573	3.38	492	3-73	33	851	-.01	29	59
55-75-0027	7125887	1261857	9-67	3	290	19,800	3.14	622	28	16,930	3.30	559	10-72	42	689	.01	27	51
55-75-0027	7125888	1261857	12-67	4	297	21,233	3.24	688	25	17,478	3.27	572	1-73	44	833	.03	34	62
55-75-0030	6621525	1329588	8-66	5	298	21,574	3.33	719	37	16,474	3.54	583	12-72	44	891	-.05	24	56
55-75-0030	6928023	1496510	8-67	3	302	22,673	2.92	662	36	16,310	3.64	594	8-72	32	1,055	-.17	12	53
55-75-0030	6979038	1350190	12-67	4	295	23,660	3.57	845	35	18,455	3.52	650	2-73	44	912	-.03	28	61

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
55-75-0053	7872183	1441026	7-70	1	305	20,220	3.20	648	32	14,000	3.64	509	7-72		35	924	-.09	19	$ 53
55-78-0021	6393518	1430386	11-65	6	291	20,792	3.67	764	16	15,887	3.66	582	12-72		36	841	.03	35	64
55-78-0023	6933714	1199324	1-64	5	302	17,922	3.61	647	28	14,300	3.64	521	12-72		44	881	-.01	30	61
55-78-0023	7474278	1427381	8-69	2	305	17,730	3.34	592	16	13,915	3.66	509	3-73		40	1,040	.00	38	74
55-78-0023	7474279	1427381	12-69	1	305	16,590	3.41	566	23	14,010	3.53	495	1-72		36	893	.03	37	67
55-78-0023	7474280	1427381	12-69	1	305	19,940	3.35	667	26	14,160	3.53	500	12-71		36	1,134	.02	44	03
55-79-0035	6338676	1222994	5-65	4	305	22,243	3.83	851	26	15,593	3.96	618	7-72		44	1,095	.01	41	79
55-79-0014	6746639	1352963	1-67	4	305	23,198	3.51	814	14	17,435	3.72	648	3-72		44	798	-.02	24	51
55-79-0017	6912467	1486640	10-67	3	305	21,057	3.24	683	40	18,287	3.35	612	10-72		38	820	-.04	24	53
55-79-0017	7551313	1399283	9-69	2	299	25,335	3.05	773	22	19,425	3.29	640	1-73		40	934	-.09	20	55
55-79-0020	6815121	1261857	1-67	3	305	16,140	3.85	622	16	13,700	3.72	509	1-72		42	565	.08	32	50
55-79-0062	7355195	1261857	11-68	3	305	17,420	3.68	641	19	13,960	3.50	489	8-72		42	688	.07	36	58
55-79-0062	7355198	1261857	10-68	3	305	17,590	3.21	565	17	14,140	3.54	500	12-72		42	691	.01	26	50
55-79-0076	7223040	1399283	1-69	2	305	20,255	3.63	735	6	14,680	3.59	527	3-72		40	804	-.03	25	54
55-80-0001	6601511	1406271	8-66	4	288	19,418	3.31	642	18	15,048	3.50	527	7-72	B	44	904	.00	32	64
55-80-0001	6916442	1450228	9-67	2	305	21,135	3.23	683	22	14,515	3.43	498	9-71		40	1,145	-.06	32	73
55-83-0017	6448986	1428204	6-64	7	302	21,050	3.15	664	21	16,340	3.46	565	3-73		35	874	-.07	20	52
55-83-0017	6622083	1490584	9-66	3	303	20,833	3.59	748	13	16,340	3.47	567	4-73		32	764	.00	28	55
55-83-0017	7424113	1516991	10-68	2	305	23,020	3.44	792	18	18,120	3.28	594	5-72		25	709	.01	27	51
55-85-0018	7783040	1447141	12-70	1	305	27,100	2.73	740	19	17,190	3.46	594	11-72		36	936	-.05	26	60
55-91-0005	5920777	1192713	10-63	7	305	22,721	3.12	710	56	17,639	3.13	552	11-72		44	935	-.04	28	61
55-91-0005	6151373	1244009	8-64	6	305	23,368	2.88	673	33	18,321	3.14	576	4-73		44	1,093	-.11	22	63
55-91-0005	6675074	1261857	7-66	4	305	19,950	3.18	635	62	16,643	3.15	525	11-72		44	757	.03	32	58
55-91-0005	6675076	1261857	7-66	4	305	18,783	3.42	642	80	16,343	3.12	510	7-72		44	642	.07	34	55
55-91-0005	7122074	1399283	6-68	3	305	21,590	3.21	693	30	17,456	3.15	549	2-73		42	769	-.04	22	50
55-91-0005	7697859	1450228	8-70	1	305	22,630	2.86	647	12	17,970	3.37	605	3-73		36	902	-.09	19	53
55-91-0010	6136716	1414893	9-64	6	303	21,260	3.39	720	55	16,023	3.63	581	8-72		38	944	-.03	30	64
55-91-0010	6568931	1441026	5-66	5	305	18,618	3.56	662	49	15,618	3.69	576	10-72		43	819	-.06	20	50
55-91-0010	6895127	1485410	8-67	3	305	19,477	3.61	704	45	15,210	3.71	564	5-72		36	798	-.02	25	53
55-91-0017	6398085	1245520	6-65	5	305	24,298	3.05	740	28	18,594	3.38	628	1-73		44	1,061	-.11	21	61
55-91-0017	6822669	1261857	7-66	4	302	20,598	3.62	746	28	17,933	3.33	598	2-72		44	709	.09	39	62
55-91-0017	6832993	1261857	8-66	5	301	20,132	4.01	808	42	17,584	3.39	596	9-72		44	699	.15	48	69
55-91-0017	7886552	1443161	1-71	1	305	31,430	2.99	941	22	21,270	3.32	707	1-73		34	1,162	-.10	26	69
55-91-0017	7924828	1441440	4-71	1	305	25,850	3.02	781	21	21,550	3.29	709	2-73		36	750	-.02	24	51
55-91-0027	7325030	1330597	1-69	2	305	22,375	3.90	872	34	17,345	3.45	599	8-72		40	710	.04	32	56
55-91-0035	7626721	1447414	9-69	1	305	22,380	3.69	826	35	17,650	3.80	679	5-72		36	992	-.03	31	66
55-91-0047	7561122	1447414	2-70	1	305	15,650	3.83	599	58	13,980	3.20	447	7-72		36	722	.01	27	52
55-91-6003	6660621	1453485	9-66	5	305	21,880	3.24	708	17	17,682	3.53	624	10-72		41	872	-.07	20	52
55-91-6003	7033342	1493192	4-68	3	305	21,920	3.52	772	17	18,237	3.64	664	7-72		35	708	-.03	23	51
55-91-6003	7398565	1506082	3-69	2	305	22,565	3.55	801	22	18,285	3.56	651	2-73		32	826	-.01	28	57
55-91-6048	6743454	1261857	10-66	4	249	15,953	4.12	658	10	13,993	3.75	525	6-72	B	44	525	.11	35	51
55-95-0006	6342816	1419567	1-65	5	302	20,644	3.93	811	50	17,610	3.74	658	4-72		40	677	.03	29	52
55-95-0006	6614265	1453485	3-66	4	305	21,535	3.79	817	50	17,573	3.80	668	2-73		40	812	.00	29	57
55-95-0006	7231122	1493192	12-68	2	305	21,980	3.81	837	43	17,000	3.85	654	7-72		32	851	-.01	29	59
55-97-0001	6484060	1347940	9-65	5	305	18,266	3.49	637	22	15,004	3.22	483	1-72		44	866	-.02	35	65
55-97-0001	6638301	1468155	9-66	3	305	26,080	2.82	735	15	16,633	3.11	518	11-72		32	1,521	-.14	32	89
55-97-0001	6972146	1468155	12-67	2	305	24,420	2.68	655	17	16,000	3.29	526	1-73		29	1,236	-.17	18	65
55-97-0001	7245734	1261857	12-68	2	305	21,520	2.55	549	31	17,195	3.14	540	12-72		40	808	-.05	21	50
55-98-0043	7451223	1427381	10-69	1	305	21,170	3.35	710	11	15,740	3.37	531	2-73		36	1,131	.03	45	84
56-01-0005	7400767	1421089	9-69	1	305	23,960	3.35	802	29	15,810	3.44	544	8-72		25	820	-.02	26	55
56-01-0005	7454968	1493686	1-70	1	305	19,610	4.07	798	19	16,390	3.36	550	6-72		36	665	.09	38	59
56-01-0005	7522105	1406271	9-69	1	305	23,040	3.01	693	21	16,230	3.36	546	11-72		36	930	-.02	31	64
56-04-0008	6839030	1406271	6-67	3	305	18,950	3.50	664	11	15,407	3.45	531	1-73		42	787	.03	33	60
56-04-0014	5741296	1378614	1-63	7	303	19,211	3.25	625	15	13,269	3.44	456	6-72		36	1,155	-.09	28	70
56-04-0038	7099726	1355784	7-68	2	305	23,555	2.81	663	34	14,280	3.65	521	8-72		40	1,392	-.18	21	74
56-04-0042	7252140	1493686	1-69	1	305	20,870	3.48	726	7	17,470	3.29	574	7-72		36	695	.04	31	54
56-04-0042	7514188	1308101	8-69	1	305	20,810	3.45	717	23	17,330	3.31	573	11-72		36	912	-.02	30	62
56-04-0042	7675271	1450228	10-70	1	305	22,150	3.08	683	20	17,230	3.33	573	9-72		36	910	-.06	24	57
56-04-0042	7733205	1450228	1-71	1	296	20,980	3.11	653	19	17,010	3.32	565	12-72		36	836	-.05	22	52
56-04-0044	7232775	1493686	11-68	2	305	19,085	4.20	801	46	13,625	4.04	550	11-72		40	909	.07	43	73
56-04-0044	7498045	1427381	10-69	2	305	18,055	4.27	771	38	13,800	4.02	555	12-72		40	1,082	.08	52	88
56-14-0012	6677651	1406271	10-66	5	300	19,098	3.51	671	24	16,430	3.47	570	1-73		44	740	.04	32	57
56-16-0001	6090781	1199324	4-64	4	305	20,888	3.40	711	33	16,125	3.44	554	1-72		44	1,053	-.02	34	71
56-16-0001	6275890	1199324	10-64	6	300	18,303	3.22	589	31	15,635	3.45	539	3-73		44	792	-.05	21	50
56-16-0001	6592405	1259069	6-65	4	305	22,150	3.39	751	44	15,633	3.44	538	7-72		44	952	-.04	28	62
56-16-0001	7899715	1406271	11-69	1	305	21,660	3.67	794	62	15,780	3.45	545	7-72		36	854	.05	39	67
56-18-0006	7640642	1493686	12-68	2	305	17,685	3.81	673	30	14,250	3.88	553	2-73		40	716	.03	30	54
56-19-0006	7462930	1406271	6-69	1	305	21,200	3.05	647	13	14,050	3.41	479	6-72		36	922	-.01	32	64
56-21-0012	6787214	1406271	12-66	4	305	20,608	3.44	709	7	14,660	3.54	519	1-73		44	1,089	.01	41	79
56-23-0002	7013871	1493686	2-68	2	305	19,165	3.52	675	114	15,740	3.55	558	8-71		40	745	.02	30	55
56-23-0002	7085618	1261857	8-66	4	305	18,568	3.81	708	89	16,210	3.59	582	9-72		44	629	.08	35	55
56-23-0002	7376127	1406271	7-69	1	295	20,670	4.17	862	87	16,660	3.85	641	11-72		36	727	.08	38	61
56-23-0010	6781857	1473442	10-66	4	305	20,063	3.26	655	18	14,008	3.59	503	2-72		42	1,047	-.09	24	63
56-23-0010	6894553	1406271	4-67	4	302	22,058	3.43	756	21	13,665	3.54	484	9-72		44	1,366	.01	50	97
56-27-0012	6705391	1261857	8-66	3	305	18,547	3.76	697	58	15,250	3.62	552	4-72		42	699	.07	36	59
56-27-0012	6705394	1261857	1-67	3	305	20,263	3.70	750	49	15,667	3.69	578	2-72		42	858	.06	40	68
56-27-0012	6908408	1261857	9-67	3	305	17,677	3.68	651	64	14,323	3.76	538	3-73		42	685	.05	32	55
56-27-0012	7033244	1421089	12-67	2	305	21,725	3.45	750	46	15,475	3.67	568	1-72		30	830	-.03	25	55
56-27-0012	7400761	1447414	9-69	1	305	18,900	3.50	662	91	13,540	3.80	514	8-72		36	990	-.05	28	64
56-30-0003	5603544	1138451	12-61	6	298	23,642	3.59	849	28	16,342	3.51	574	12-72		44	815	.01	31	59
56-30-0003	6198572	1406271	9-64	5	305	21,532	3.35	721	28	16,162	3.52	569	11-72		44	1,081	-.01	38	76
56-30-0003	6430311	1406271	7-65	5	305	18,954	3.47	658	25	16,660	3.52	587	12-72		44	697	.02	28	52
56-30-0003	6795560	1367353	12-66	2	305	24,525	3.34	820	17	18,170	3.43	624	12-71		40	751	.00	27	53
56-30-0003	7108337	1493686	7-68	2	305	21,135	3.35	708	18	18,135	3.41	618	4-72		40	751	.01	28	54
56-30-0003	7122969	1473192	6-68	2	305	22,820	3.32	758	25	16,835	3.47	584	8-72		35	866	-.02	28	59

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
56-30-0003	7205809	1493686	8-68	2	305	19,895	3.44	685	22	17,315	3.48	603	9-72	40	691	.01	27	$ 51
56-30-0003	7462934	1493686	9-69	1	305	21,320	3.16	674	21	16,770	3.51	588	6-72	36	770	-.01	26	53
56-30-0038	6613107	1406271	11-65	5	305	20,608	3.35	690	24	16,018	3.45	552	6-72	44	977	.01	36	70
56-30-0038	6669914	1406271	10-66	2	305	22,015	3.26	717	31	15,435	3.43	530	9-72	40	1,059	.00	38	75
56-34-0028	6050579	1216957	4-64	5	305	21,306	3.80	809	33	16,574	3.68	610	3-72	44	647	.05	31	52
56-34-0028	6408350	1406271	10-65	4	305	18,500	3.77	698	32	16,703	3.67	613	4-72	44	627	.06	31	51
56-34-0028	6408351	1406271	10-65	5	305	23,416	3.39	793	34	16,412	3.61	592	11-72	44	1,298	-.01	45	90
56-34-0028	6452222	1406271	1-66	5	305	18,720	3.82	715	27	15,690	3.66	575	7-72	44	767	.06	37	62
56-34-0028	6615755	1406271	8-66	4	305	20,115	3.73	750	32	16,915	3.67	620	8-72	44	805	.05	36	63
56-36-0011	6767741	1406271	1-67	4	305	19,103	3.50	668	20	15,898	3.57	568	6-72	44	781	.02	31	58
56-36-0011	6997382	1493686	7-67	3	293	18,213	3.62	660	35	16,026	3.51	563	11-72	42	646	.04	29	51
56-36-0011	7465880	1500404	11-69	1	305	22,940	3.21	737	23	16,300	3.57	582	3-72	35	987	-.12	17	54
56-36-0011	7707394	1406271	7-70	1	305	20,080	3.77	757	31	15,850	3.48	551	6-72	36	732	.06	36	60
56-36-0025	6820560	1486805	5-67	4	300	18,552	3.58	665	45	13,727	3.74	514	8-72	35	816	-.03	25	54
56-36-0035	7369003	1493686	11-68	2	300	19,600	3.68	722	87	14,930	3.55	530	7-72	40	855	.04	37	66
56-36-0037	7365102	1493686	12-68	3	299	19,356	3.76	728	15	14,850	3.64	541	2-73	42	886	.05	39	69
56-38-0003	7650833	1493686	8-70	1	305	18,240	3.65	665	15	13,340	3.57	476	3-73	36	745	.03	32	57
56-38-0008	6369257	1430162	4-65	2	303	21,160	3.84	812	74	13,960	3.76	525	10-71	38	789	.06	37	63
56-38-0008	6972056	1473192	1-68	3	304	18,546	3.61	669	53	13,750	3.72	512	12-72	38	732	.00	26	52
56-38-0008	7108329	1458744	5-68	2	305	18,080	3.58	648	64	14,345	3.82	548	1-72	40	773	-.02	24	52
56-38-0008	7620959	1503949	12-68	2	305	20,910	3.81	797	60	13,595	3.63	494	7-72	29	901	.04	38	69
56-38-0008	7770020	1503949	7-69	2	305	18,860	3.77	711	60	13,595	3.63	494	7-72	29	656	.03	28	50
56-38-0008	7778305	1427381	3-70	1	305	21,000	3.69	775	49	14,100	3.69	520	5-72	36	1,217	.05	51	92
56-38-0036	7198194	1435690	7-68	2	295	20,410	3.23	659	10	11,510	3.65	420	3-72	40	812	.01	31	59
56-38-0036	7929066	1427381	10-69	1	305	15,450	3.48	537	8	12,930	3.60	465	11-72	36	873	.03	36	66
56-38-0069	6850071	1320310	4-67	1	305	18,040	3.55	641	33	14,720	3.59	529	1-73	36	833	-.04	24	54
56-38-0069	7595340	1406271	9-69	1	305	18,940	3.66	694	38	14,860	3.58	532	10-72	36	706	.04	32	56
56-38-0072	6192307	1237057	10-64	4	305	18,670	3.68	687	38	12,890	3.76	485	12-71	44	856	-.04	25	56
56-39-0020	6331408	1271810	4-65	6	304	19,367	3.66	709	45	14,117	3.84	542	10-72	44	938	-.04	27	61
56-40-0015	6725815	1491902	9-66	4	244	20,268	3.29	667	7	14,788	3.46	512	10-72	B 30	838	-.04	24	54
56-40-0020	7187463	1375967	8-68	2	305	22,470	3.32	746	65	15,010	3.52	529	10-72	40	961	-.09	20	56
56-40-0020	7481502	1406271	7-69	2	300	18,530	3.37	625	66	14,555	3.53	514	10-72	40	777	.01	30	57
56-41-0008	7720894	010291281	10-68	2	305	20,350	3.59	731	50	16,465	3.60	593	5-72	35	876	.00	32	62
56-41-0012	7018347	1347940	9-67	3	304	19,830	3.21	637	10	16,210	3.43	556	11-72	42	905	-.04	26	59
56-41-0025	6257492	1406271	11-64	5	305	17,894	3.84	688	61	15,344	3.57	548	3-72	44	696	.07	36	58
56-41-0025	6285793	1406271	2-65	6	305	18,697	3.78	707	81	15,068	3.58	539	12-72	44	829	.06	39	66
56-41-0025	6953220	1347940	7-67	3	297	18,753	3.58	671	70	15,880	3.71	589	12-72	42	812	-.01	27	56
56-41-0025	7106003	1320310	7-68	3	305	19,233	3.81	732	53	15,950	3.71	591	4-73	42	938	-.01	32	65
56-41-0025	7389816	1347940	5-69	2	305	19,450	4.27	831	96	15,090	3.66	552	10-72	40	920	.08	46	76
56-41-0025	7623915	1427381	12-69	1	305	18,180	3.73	678	90	16,130	3.53	569	11-72	36	885	.06	41	70
56-41-0025	7623916	1427381	12-69	1	305	20,480	3.63	744	72	16,030	3.54	568	9-72	36	1,063	.05	46	82
56-41-0025	7623917	1427381	12-69	1	303	20,820	3.35	698	90	16,130	3.53	569	11-72	36	1,082	.02	42	79
56-41-0025	7623918	1427381	1-70	1	305	21,110	3.77	796	63	15,950	3.47	553	7-72	36	1,114	.06	50	87
56-41-0025	7623919	1427381	1-70	1	305	17,990	3.61	649	63	15,950	3.47	553	7-72	36	882	.05	39	69
56-41-0025	7626849	1427381	2-69	1	305	16,510	4.08	674	102	14,960	3.53	528	9-71	36	831	.08	43	70
56-41-0025	7626850	1427381	2-69	2	305	20,790	3.41	709	92	15,685	3.54	555	1-73	40	1,207	.02	46	88
56-41-0025	7653544	1458744	8-70	1	305	23,390	3.30	771	91	15,940	3.56	568	12-72	36	1,000	-.04	30	66
56-41-0025	7922314	1427381	4-70	1	305	18,320	3.43	628	33	16,170	3.59	581	4-73	36	894	.02	36	67
56-41-0028	6289116	1406271	12-64	5	305	16,498	3.81	628	45	14,610	3.47	507	10-72	44	592	.07	32	51
56-41-0028	7366582	1447141	1-69	2	305	21,755	3.27	711	38	15,485	3.41	528	5-72	40	803	.02	32	59
56-41-0043	7462933	1500404	9-69	1	305	21,020	2.98	626	10	14,230	3.44	490	7-72	35	968	-.13	15	52
56-41-0044	6982775	1261857	9-67	3	291	19,250	3.62	697	35	15,520	3.69	572	10-72	42	755	.04	34	59
56-41-0056	6285794	1406271	3-65	6	301	17,550	3.61	633	26	15,028	3.48	523	11-72	44	685	.05	32	55
56-43-0026	6230423	1408654	1-65	6	301	19,516	3.93	767	88	13,835	3.76	520	2-73	37	841	.04	36	64
56-43-0026	6230427	1355784	12-64	4	301	18,337	3.54	649	131	14,030	3.69	518	12-71	43	950	-.07	23	58
56-43-0026	6906120	1486805	9-67	3	305	18,656	4.05	756	103	13,790	3.94	544	2-73	33	782	.03	32	59
56-43-0026	7200074	1355784	11-68	2	305	17,730	3.70	656	83	13,910	3.82	531	10-72	40	828	-.07	19	50
56-43-0026	7297415	1493686	3-69	2	305	16,400	4.16	682	40	13,865	3.89	539	9-72	40	617	.06	32	52
56-46-0022	6585510	1406271	1-66	3	305	20,350	3.75	764	21	15,130	3.48	526	3-72	42	974	.06	45	77
56-46-0022	7257196	1406271	10-68	2	304	20,360	3.52	717	27	15,950	3.61	576	2-72	40	849	.02	34	63
56-46-0031	7475425	1493686	8-69	1	305	20,820	3.73	777	16	15,580	3.55	553	5-72	36	803	.05	36	63
57-02-0002	6642772	1460865	8-66	4	305	19,175	3.55	680	23	14,383	3.55	511	2-72	30	721	.00	26	51
57-02-0002	7129694	1347940	8-68	3	288	16,216	3.55	575	37	13,500	3.66	494	12-72	42	739	-.01	25	51
57-02-0002	7258264	1347940	11-68	3	301	16,513	3.62	597	49	13,110	3.68	483	12-72	42	809	.00	29	57
57-06-0011	6908109	1261857	1-67	3	305	18,567	3.80	706	34	14,547	3.71	540	3-72	42	766	.07	38	63
57-06-0015	6960868	1239242	9-67	3	302	21,960	3.22	707	17	15,360	3.44	529	12-72	42	922	-.05	25	58
57-10-0003	7562599	1500404	1-70	1	305	21,530	3.24	697	21	15,420	3.46	534	7-72	35	934	-.11	17	52
57-10-0015	6734174	1469898	11-66	3	302	20,837	3.49	727	35	16,600	3.40	565	1-72	37	909	-.03	28	60
57-12-0525	6847559	1261857	4-67	1	284	18,860	3.49	659	21	15,160	3.47	526	11-72	36	820	.06	31	51
57-15-0001	7751762	1427381	11-70	1	305	22,790	3.00	684	26	18,020	3.29	593	1-73	36	1,116	.00	40	79
57-16-0008	6305369	1222994	10-64	6	255	19,807	3.29	652	38	15,650	3.42	535	9-72	A 44	809	-.03	25	54
57-16-0008	6621194	1261857	9-66	5	301	21,900	3.37	737	35	15,950	3.39	541	11-72	44	1,096	.03	44	81
57-16-0008	6969180	1261857	10-67	3	295	19,753	3.52	696	25	16,017	3.35	537	12-72	42	767	.06	37	62
57-16-0008	6969181	1261857	10-67	4	303	22,050	3.46	762	24	17,188	3.35	575	1-73	44	962	.05	43	75
57-16-0008	7748073	1447414	8-70	1	305	18,070	3.15	570	28	14,970	3.56	533	11-72	36	843	-.07	20	51
57-25-0014	6905825	1477809	7-67	3	304	19,947	3.30	658	48	15,763	2.96	467	6-72	32	684	.02	27	50
57-25-0014	7383147	1427381	8-69	2	305	20,975	3.12	655	96	14,675	3.06	449	11-72	40	1,308	.01	49	94
57-25-0014	7629410	1427381	5-70	1	305	20,870	3.29	686	88	14,230	3.23	460	9-72	36	1,199	.03	48	89
57-25-0014	7629411	1427381	3-70	1	305	19,850	2.72	539	88	14,230	3.23	460	9-72	36	1,123	-.02	37	77
57-25-0014	7629413	1489981	12-69	2	288	19,870	3.37	669	85	15,245	3.02	460	2-73	40	616	.10	38	57
57-25-0014	7629420	1491007	7-70	1	305	18,910	3.41	645	83	14,760	3.18	469	12-72	35	826	.01	32	60
57-25-0014	7735717	1491007	9-70	1	303	20,760	2.85	592	71	15,230	3.10	472	2-73	35	937	-.04	28	62
57-35-0501	7747831	1387978	8-69	2	297	17,065	4.15	709	42	12,955	3.94	510	12-72	40	778	.03	33	59
57-40-0501	6350641	1419461	5-65	3	305	18,780	3.85	723	35	13,640	3.65	498	5-72	32	647	.05	31	52
57-41-0007	6958315	1473347	4-67	3	298	17,980	3.28	589	13	14,923	3.48	519	11-71	37	937	-.06	24	58

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
57-41-0009	7024705	1413165	10-67	3	304	22,027	2.82	621	45	14,327	3.62	519	11-72	42	1,185	-.21	10	$ 57
57-41-0020	6521472	1303502	5-66	4	297	20,298	3.61	732	41	14,170	3.44	488	11-72	44	821	.03	34	62
57-43-0021	6888409	1377954	7-67	3	301	18,350	3.08	566	30	13,590	3.39	461	2-73	42	856	-.04	24	55
57-43-0025	7433351	1399283	1-69	2	305	19,285	3.66	706	5	14,230	3.56	507	5-72	40	742	-.02	24	50
57-44-0523	6653727	1445899	8-66	4	305	19,205	3.17	609	29	14,850	3.43	510	10-72	35	881	-.07	21	53
57-45-0003	7757603	1531452	3-70	1	305	25,420	3.17	805	44	14,800	3.51	520	6-72	23	1,181	-.07	31	74
57-45-0003	7811662	1450228	9-70	1	305	19,100	3.43	656	54	14,330	3.62	519	3-73	36	856	-.04	25	56
57-53-0508	6805387	1397209	5-67	4	299	18,537	3.63	673	25	14,720	3.41	502	9-72	44	718	.01	27	52
57-53-0508	6827333	1406271	11-66	5	299	19,896	3.23	642	30	15,790	3.64	574	11-72	44	909	-.04	27	60
57-53-0513	5981898	1237057	11-63	6	298	22,980	3.73	857	17	15,975	3.77	603	12-72	44	1,121	-.03	36	76
57-53-0513	5989512	1271810	7-63	5	257	19,264	3.59	691	32	15,160	3.69	560	7-72	44	817	-.04	23	52
57-53-0513	7100050	1406271	9-66	4	294	19,445	3.79	736	26	16,038	3.61	579	12-72	44	809	.06	39	66
57-53-0520	6160030	1313339	2-64	4	305	21,873	3.67	802	11	15,818	3.64	576	2-72	35	1,026	.00	37	73
57-53-0521	7450916	1500404	11-69	1	305	22,120	3.20	707	9	14,880	3.90	580	11-72	35	1,011	-.14	15	54
57-53-0525	7161464	1406271	11-66	3	305	19,703	3.80	748	9	16,203	3.68	596	2-72	42	801	.05	37	64
57-53-0525	7663211	1460012	11-68	2	305	21,975	3.23	709	15	15,620	3.62	566	12-72	25	829	-.07	19	50
57-53-0525	7681359	1406271	7-70	1	305	19,780	3.84	760	31	14,720	3.68	542	10-72	36	777	.05	36	62
57-53-0527	7260746	1427708	11-68	2	305	24,500	3.29	807	13	16,465	3.55	584	10-72	40	986	-.07	25	61
57-53-0535	7535473	1347940	9-69	2	271	21,970	3.39	745	39	15,485	3.68	570	8-72	40	1,144	-.03	36	77
57-53-0535	7624118	1406271	5-70	1	305	20,190	3.86	779	21	16,140	3.86	623	9-72	36	723	.05	33	57
57-55-0001	7109634	1477381	3-68	2	302	17,705	3.81	674	27	13,690	3.73	510	10-71	40	630	.04	29	50
57-59-0001	6218376	1179372	9-64	4	305	19,245	3.81	733	88	15,508	3.57	554	1-73	44	666	.05	31	53
57-59-0001	6235142	1244009	6-64	6	302	18,410	3.62	667	98	15,313	3.62	554	8-72	44	764	-.03	23	50
57-59-0001	6235153	1258673	8-64	5	305	20,330	3.92	797	83	15,160	3.58	543	7-72	44	496	.18	45	58
57-59-0001	7347939	1399283	10-68	2	305	22,015	3.42	753	73	15,230	3.62	551	1-73	40	938	-.06	25	59
57-59-0001	7364706	1450564	8-67	3	305	21,676	3.11	674	90	15,656	3.62	567	3-73	33	939	-.11	16	52
57-59-0001	7423226	1399283	12-68	2	305	22,105	3.71	821	101	15,115	3.65	552	11-72	40	956	-.02	32	66
57-59-0001	7530595	1399283	3-69	2	305	20,440	3.61	737	104	15,135	3.70	560	7-72	40	786	-.03	23	51
57-59-0014	7079398	1406271	10-66	4	281	17,923	3.87	694	56	14,940	3.50	523	1-72	44	730	.08	39	62
57-59-0014	7713627	1427381	8-70	1	305	20,380	3.51	715	85	13,520	3.64	492	11-72	36	1,205	.03	48	89
57-59-0019	6945549	1261857	10-67	3	305	19,147	3.57	684	40	14,817	3.22	477	7-72	42	808	.08	42	68
57-59-0030	5572841	1162188	4-60	6	303	20,357	3.18	648	52	14,735	3.49	514	10-72	44	962	-.09	21	57
57-59-0030	6754840	1308101	1-67	3	305	18,297	3.61	661	49	15,687	3.42	536	8-72	42	881	.00	31	62
57-59-0032	6383452	1240549	6-65	6	289	21,388	3.42	732	18	16,235	3.42	556	12-72	44	710	.00	26	51
57-59-0032	7126540	1450564	6-67	3	305	20,650	3.55	733	56	15,570	3.58	557	9-72	33	810	-.03	25	54
57-59-0032	7424193	1493686	7-69	1	305	17,390	4.01	698	34	15,100	3.40	514	11-71	36	577	.07	32	50
57-61-0032	8282364	1450228	8-70	1	305	20,290	3.62	734	32	16,890	3.88	655	12-72	36	792	-.04	23	51
57-64-0005	6417444	1368793	9-65	3	305	19,216	3.31	636	12	13,836	3.53	489	1-72	37	924	-.04	27	60
57-67-0025	7170063	1399283	8-68	2	305	21,970	3.12	685	17	15,410	3.48	537	3-73	40	919	-.08	20	54
57-67-0025	7707652	1447414	6-70	1	305	21,870	3.30	722	15	16,070	3.35	538	4-73	36	1,060	-.05	31	69
57-67-0025	7743673	1450228	9-70	1	305	19,550	3.28	642	45	13,010	3.38	440	10-72	36	968	-.04	29	64
57-73-0022	7402049	1381027	6-69	2	305	23,050	3.02	697	12	11,800	3.49	412	11-72	40	970	-.06	26	61
57-81-0003	7748072	1447414	7-70	1	305	17,780	3.61	641	17	14,020	3.88	544	8-72	36	878	-.04	25	57
57-83-0504	6576391	010229512	11-63	2	299	21,125	3.54	748	39	16,485	3.52	580	1-72	40	595	.06	31	50
57-83-0504	7633025	1406271	9-68	2	296	18,240	3.89	710	55	14,950	3.67	548	7-72	40	715	.07	36	59
57-88-0026	7276632	1493686	1-69	2	281	18,175	3.38	615	17	11,980	3.56	427	12-72 B	40	950	.00	34	67
58-05-0038	6945225	1261857	10-67	2	305	16,390	3.97	650	9	13,930	3.47	484	6-72	40	552	.10	35	52
58-09-0022	5451986	1354731	10-61	8	301	19,883	3.22	640	187	15,410	3.32	512	12-72	37	920	-.08	21	55
58-09-0022	5689535	1354731	10-62	8	303	20,181	3.35	677	195	15,170	3.35	508	12-72	37	991	-.06	27	63
58-09-0022	5689537	1354731	11-62	8	296	20,036	3.25	652	176	15,648	3.33	521	12-72	37	914	-.07	22	56
58-09-0022	6809972	1436894	11-64	5	305	20,960	3.02	634	219	15,894	3.18	505	2-73	35	928	-.07	23	57
61-02-0033	7841462	1447141	9-70	1	305	22,920	2.99	685	38	13,490	3.61	487	12-72	36	845	-.02	28	58
61-03-0001	6337455	1308101	7-65	6	305	19,453	3.32	646	11	15,275	3.47	530	3-73	44	1,092	-.05	31	70
61-03-0001	6650674	1308101	6-66	3	305	18,047	3.50	632	11	14,417	3.57	515	6-72	42	969	-.03	30	65
61-03-0001	6650675	1308101	6-66	4	305	18,663	3.54	660	10	14,613	3.57	521	8-72	44	1,044	-.03	33	70
61-03-0001	6650676	1308101	8-66	4	305	20,345	3.41	693	11	15,223	3.44	523	7-72	44	1,191	-.04	37	79
61-03-0001	6734107	1308101	10-66	4	304	19,120	3.37	644	11	15,880	3.38	537	3-72	44	975	-.03	30	65
61-03-0001	6740988	1308101	9-66	5	296	17,822	3.38	603	11	15,966	3.39	541	3-73	44	810	-.03	25	54
61-03-0001	6795376	1308101	2-67	3	305	17,820	3.58	638	11	15,623	3.49	545	1-72	42	833	-.01	28	57
61-03-0001	6795377	1308101	4-67	4	298	16,683	3.56	594	9	15,115	3.53	533	10-72	44	750	-.02	24	51
61-03-0001	6870535	1308101	7-67	3	305	21,430	3.74	802	8	15,673	3.53	554	1-73	42	1,243	.01	46	89
61-03-0001	6883799	1308101	8-67	3	305	18,740	3.45	646	11	15,830	3.46	547	4-72	42	919	-.03	29	62
61-03-0001	6883800	1308101	10-67	3	298	18,940	3.62	686	12	15,927	3.45	549	3-72	42	933	.00	33	66
61-03-0001	7055439	1315578	5-68	3	291	18,317	3.87	709	11	15,207	3.58	545	9-72	42	518	.12	37	52
61-06-0025	5981899	1308101	1-64	6	304	19,603	3.47	681	19	14,017	3.55	497	12-72	44	1,241	-.04	39	83
61-06-0025	6857628	1308101	7-67	4	305	16,540	3.75	620	31	14,593	3.69	539	1-73	44	784	-.01	27	55
61-06-0025	6946948	1308101	9-67	3	304	20,070	3.58	718	31	15,060	3.73	562	2-72	42	1,143	-.03	36	77
61-06-0025	7014093	1308101	1-68	3	305	17,187	4.24	728	32	14,570	3.65	532	1-73	42	857	.06	40	68
61-06-0025	7298120	1308101	1-69	2	305	17,905	3.66	656	28	13,830	3.68	509	10-72	40	974	-.02	32	66
61-06-0025	7298125	1392858	1-69	2	305	18,745	4.04	758	25	13,510	3.65	493	8-72	40	681	.08	37	59
61-06-0025	7478409	1308101	10-69	1	305	18,320	3.62	664	31	14,810	3.63	537	3-72	36	877	-.02	28	59
61-06-0032	7549368	1392858	2-69	2	305	19,625	3.69	724	28	14,830	3.63	538	10-72	40	663	.04	30	52
61-06-0037	6867144	1308101	8-67	3	305	17,687	3.48	615	12	15,120	3.54	535	10-72	42	863	-.03	26	57
61-08-0007	7200473	1427381	8-68	2	298	15,795	3.87	611	28	13,600	3.65	497	1-73	40	869	.06	41	70
61-08-0010	6399760	1406271	11-65	5	304	22,402	4.03	902	14	16,782	3.66	614	1-73	44	1,129	.10	57	94
61-08-0010	6634360	1271810	11-66	3	305	20,003	3.73	746	28	15,850	3.62	573	7-72	42	790	-.02	26	54
61-08-0010	6718090	1413798	1-67	4	305	20,990	3.61	758	27	15,988	3.62	579	9-72	35	847	-.01	29	59
61-08-0050	7021514	1418927	12-67	2	212	19,905	3.58	713	18	14,275	3.59	513	4-72	40	687	.01	26	50
61-08-0050	7200474	1427381	10-68	3	305	15,093	4.07	615	32	13,476	3.67	494	1-73	42	804	.08	42	68
61-08-0050	7471487	1427381	9-69	1	305	18,000	4.78	860	38	14,200	3.73	530	12-71	36	987	.13	56	87
61-08-0077	7743760	1450228	7-70	1	287	21,140	3.37	712	9	18,360	3.50	643	2-73	36	768	-.04	22	50
61-09-0016	7550783	1450228	2-70	1	305	21,980	3.53	775	16	17,280	3.54	611	3-72	36	895	-.03	28	60
61-09-0034	6804799	1308101	10-66	4	297	16,398	3.51	575	13	14,400	3.52	507	7-72	44	785	-.03	24	52
61-09-0034	6804800	1308101	12-66	5	305	17,174	3.55	610	12	14,904	3.53	526	2-73	44	836	-.02	27	57
61-09-0034	6840799	1308101	9-66	4	304	17,690	3.41	603	14	14,763	3.51	518	6-72	44	909	-.04	27	60

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
61-09-0034	7317303	1392858	11-68	2	305	20,050	3.42	685	12	14,775	3.53	522	4-72		40	710	.01	27	$ 52
61-09-0034	7570633	1308101	8-69	2	289	18,355	3.56	654	15	14,500	3.65	529	2-73		40	965	-.03	30	64
61-10-0043	7538495	1308101	10-69	2	300	18,745	3.22	604	10	15,365	3.39	521	1-73		40	934	-.05	26	60
61-10-0043	7736493	1450228	8-70	1	302	20,970	2.91	610	10	15,980	3.30	528	1-73		36	897	-.07	21	54
61-11-0003	7239421	1308101	11-68	2	289	17,250	3.12	539	24	13,250	3.68	487	9-72		40	954	-.08	22	57
61-12-0006	6922789	1368793	10-67	3	305	19,063	3.96	755	22	15,406	3.71	572	5-72		37	746	.04	33	58
61-12-0006	7426985	1368793	9-69	2	302	20,675	3.50	723	26	15,750	3.70	582	1-73		34	849	-.03	26	56
61-12-0007	6533758	1368793	3-66	5	299	18,352	3.01	553	36	13,452	3.67	494	3-73		39	913	-.11	16	51
61-13-0001	7208647	1308101	7-68	2	305	15,445	3.50	541	17	12,490	3.47	433	7-72		40	833	-.03	26	56
61-14-0015	6703228	1404272	12-66	4	305	21,330	3.26	695	42	13,075	3.46	453	8-72		34	1,314	-.06	37	84
61-14-0015	6888288	1404272	10-67	2	305	20,565	3.14	645	29	12,485	3.44	429	3-72		29	1,091	-.07	28	68
61-14-0015	7425627	1404272	8-69	1	305	20,480	3.05	624	21	12,520	3.55	444	4-72		24	867	-.07	20	52
61-14-0027	5449372	1215958	10-61	6	305	22,163	3.48	772	9	14,675	3.43	503	9-72		43	1,202	-.01	42	84
61-14-0027	7329137	1406271	4-69	1	305	19,860	3.41	678	14	13,620	3.58	487	2-72		36	848	.02	33	62
61-14-0410	7603772	1491980	8-68	2	305	17,435	4.21	734	10	14,585	3.60	525	7-72		35	620	.12	41	60
61-15-0038	6393450	1329588	2-64	5	305	19,874	3.53	701	6	14,152	3.55	503	7-72		44	911	-.02	30	62
61-15-0038	7459946	1427381	9-69	2	305	19,320	3.99	770	26	17,380	3.53	613	2-73		40	920	.10	48	78
61-16-0023	6228622	1308101	10-64	1	305	17,880	3.67	657	5	14,040	3.75	526	1-73		36	890	-.02	29	60
61-18-0039	6422779	1308101	10-65	4	305	16,645	3.23	537	43	13,655	3.49	477	2-72		44	889	-.06	23	55
61-18-0039	6511181	1308101	11-65	5	300	17,170	3.44	591	33	14,162	3.49	494	3-73		44	912	-.03	28	61
61-18-0039	6511182	1308101	12-65	4	305	19,495	3.19	622	34	14,333	3.48	499	4-72		44	1,174	-.07	31	74
61-18-0039	7209506	1427381	10-68	2	305	17,325	3.55	615	26	14,550	3.50	509	3-73		40	947	.04	40	72
61-19-0001	7346311	1308101	3-69	2	305	18,640	3.39	631	16	15,695	3.55	557	4-72		40	897	-.05	25	57
61-19-0015	6363162	1308101	11-64	6	305	15,378	3.70	569	18	12,688	3.48	441	9-72		44	833	.01	31	60
61-19-0015	6578391	1308101	9-65	5	295	16,044	3.69	592	17	12,814	3.49	447	1-73		44	906	.00	33	65
61-19-0015	6578393	1308101	10-65	4	305	16,995	3.38	574	17	13,228	3.52	465	11-72		44	975	-.05	28	63
61-19-0015	6578394	1308101	10-65	5	304	15,150	3.76	569	20	12,688	3.46	439	10-72		44	804	.01	31	59
61-19-0015	7054114	1308101	10-66	3	291	15,420	3.58	552	24	12,613	3.43	432	9-72		42	833	-.01	28	57
61-19-0060	6250397	1308101	9-64	2	305	18,490	3.54	654	27	14,835	3.69	547	11-72		40	952	-.03	29	63
61-20-0002	6290767	1182696	10-64	6	305	19,883	3.46	688	12	15,185	3.33	506	5-72		44	858	.02	34	63
61-23-0024	7836559	1447414	10-70	1	269	16,740	3.33	558	10	14,130	3.46	489	1-73		36	794	-.04	22	51
61-23-0027	7203999	1485285	10-67	3	305	24,903	3.06	763	10	17,920	3.28	587	4-72		33	1,132	-.09	26	68
61-23-0030	7055890	1308101	12-67	2	305	16,070	3.60	578	21	13,795	3.42	472	1-73		40	790	-.01	27	55
61-23-0030	7156540	1392858	9-68	2	303	17,840	3.59	640	21	11,805	3.64	430	6-72		40	727	.03	30	55
61-23-0030	7835884	1530738	11-69	2	305	21,060	3.47	730	9	13,225	3.61	477	1-73		25	956	-.02	31	65
61-24-0001	7490704	1308101	7-69	1	305	18,200	3.30	600	14	15,860	3.58	568	3-72		36	806	-.05	22	51
61-24-0008	6825734	1315578	8-66	5	300	17,104	3.41	583	18	13,020	3.53	459	2-73		44	627	.06	31	51
61-24-0020	6321475	1182696	3-65	5	305	17,888	4.06	726	14	14,436	3.62	522	5-72		44	678	.09	38	59
61-24-0020	7452205	1427381	4-69	1	305	15,270	3.68	562	19	13,190	3.51	463	4-72		36	844	.05	38	66
61-24-0020	7452207	1427381	9-69	1	305	15,530	3.79	588	13	13,330	3.77	502	9-72		36	855	.05	38	67
61-24-0067	6667276	1308101	9-66	5	262	22,690	3.32	753	12	18,958	3.47	657	4-73	B	44	1,130	-.05	32	73
61-24-0067	6919664	1440965	7-67	4	290	23,398	3.82	894	41	19,450	3.42	665	2-73	B	35	588	.12	40	57
61-24-0067	7017882	1357743	9-67	4	284	25,150	3.47	873	43	19,193	3.47	666	3-73	B	44	942	-.03	29	63
61-24-0067	7189853	1427381	7-68	2	305	25,310	3.48	881	50	17,355	3.60	624	11-71		40	1,530	.02	58	111
61-24-0067	7189854	1427381	9-68	3	258	23,976	3.48	834	52	17,660	3.54	626	11-72	A	42	1,441	.02	55	105
61-24-0067	7189855	1427381	9-68	3	305	27,610	3.23	892	39	18,030	3.49	629	10-72		42	1,825	-.02	62	126
61-24-0067	7189861	1510877	7-68	3	296	25,067	3.12	783	56	18,680	3.55	663	1-73	B	29	1,026	-.10	21	59
61-24-0067	7277834	1427381	11-68	3	305	26,193	3.30	865	51	17,296	3.54	612	9-72		42	1,729	-.01	60	121
61-24-0067	7277835	1427381	12-68	3	265	24,313	3.01	732	30	20,276	3.39	687	4-73	B	42	1,239	-.04	38	82
61-24-0067	7277836	1427381	12-68	2	305	23,535	3.55	836	39	19,625	3.45	678	2-72		40	1,166	.04 *	49	88
61-24-0067	7277837	1427381	1-69	2	278	23,455	3.16	741	35	20,740	3.35	694	2-73	B	40	1,067	.00	38	75
61-24-0067	7277838	1427381	1-69	2	305	21,035	3.77	792	33	18,445	3.38	624	6-72		40	1,008	.08	49	82
61-24-0067	7363851	1427381	2-69	2	305	20,225	3.69	747	49	17,830	3.42	610	8-72		40	976	.06	45	77
61-24-0067	7363853	1427381	3-69	2	305	24,480	3.66	895	34	18,385	3.42	628	5-72		40	1,362	.06	59	105
61-24-0067	7363855	1427381	3-69	3	280	25,906	3.44	890	34	20,020	3.40	680	2-73	B	42	1,446	.03	57	107
61-24-0067	7398021	1427381	7-69	2	305	22,925	3.51	805	43	17,775	3.43	609	10-72		40	1,254	.04	51	94
61-24-0067	7459944	1427381	8-69	2	305	25,115	3.41	857	45	18,005	3.42	616	7-72		40	1,458	.02	56	106
61-24-0067	7459945	1427381	8-69	2	305	24,170	3.38	818	49	17,480	3.44	601	9-72		40	1,404	.02	53	102
61-24-0067	7459948	1427381	11-69	2	303	21,180	3.26	691	43	19,025	3.36	640	11-72		40	975	.01	37	71
61-24-0067	7459949	1427381	11-69	1	305	20,980	3.36	705	48	18,270	3.54	646	10-71		36	967	.02	38	71
61-24-0067	7473077	1427381	8-69	2	295	24,485	3.29	806	41	18,065	3.43	619	10-72		40	1,389	.01	51	99
61-24-0067	7521464	1427381	1-70	2	281	28,820	3.34	962	35	20,580	3.33	686	2-73	B	40	1,625	.02	61	117
61-24-0067	7618084	1427381	2-70	1	305	22,020	3.40	749	41	18,030	3.27	589	7-72		36	1,058	.04	45	81
61-24-0067	7618085	1427381	2-70	1	305	22,150	3.51	778	48	17,680	3.26	577	8-72		36	1,089	.06	48	85
61-24-0067	7718496	1308101	7-70	1	305	25,440	2.89	735	62	18,550	3.28	609	8-72		36	1,185	-.09	29	72
61-24-0074	6630740	1315578	9-66	5	305	20,868	3.48	726	17	17,488	3.61	632	12-72		44	651	.06	32	53
61-24-0074	7680582	1308101	11-70	1	305	19,510	3.76	733	18	17,210	3.65	628	11-72		36	823	-.01	28	57
61-24-0078	6389373	1441939	9-65	5	302	20,950	3.73	782	17	14,786	3.86	571	10-72		32	982	.00	35	69
61-24-0078	6788327	1237057	12-66	4	305	20,375	3.62	737	17	15,010	3.86	579	3-73		44	857	-.06	22	53
61-24-0078	7387761	1427381	7-69	1	305	18,160	4.09	742	18	15,360	3.83	588	1-72		36	930	.07	44	75
61-24-0129	6417455	1368793	10-65	3	289	19,270	3.64	702	7	14,296	3.78	541	2-72		37	884	-.01	30	61
61-24-0130	7513566	1308101	9-69	2	305	20,620	2.97	613	12	16,045	3.65	585	2-73		40	1,070	-.11	21	61
61-24-0130	7614589	1308101	1-70	2	297	18,080	3.40	615	11	16,025	3.57	572	1-73		40	813	-.04	23	52
61-24-0138	7299263	1427381	10-68	1	305	20,240	3.78	766	13	12,850	3.67	471	9-71		36	1,234	.05	53	95
61-24-0145	7202705	1357743	8-66	3	305	23,253	3.93	914	8	18,593	3.38	628	7-72		42	723	.06	35	59
61-24-0145	7346312	1308101	3-69	2	296	22,025	3.40	749	15	18,055	3.51	634	5-72		40	1,049	-.04	31	69
61-24-0145	7437681	1427381	9-69	1	305	21,950	3.34	733	11	20,430	3.39	692	7-72		36	910	.03	37	68
61-24-0149	6878240	1308101	9-67	3	294	18,757	3.05	572	8	15,720	3.28	515	11-72		42	931	-.07	23	57
61-24-0166	6346760	1182696	3-65	1	305	26,650	3.35	892	20	20,010	3.17	634	10-72		36	846	.02	34	63
61-24-0166	7136642	1387978	9-68	3	278	23,193	3.10	719	12	19,983	3.35	670	12-72	B	42	874	-.06	22	54
61-24-0166	7405270	1308101	7-69	2	305	20,135	3.40	685	18	18,475	3.34	617	9-72		40	823	-.02	26	55
61-24-0166	7405273	1308101	10-69	2	305	23,870	3.15	752	15	19,600	3.40	667	11-72		40	1,111	-.07	29	69
61-24-0166	7692285	1516004	10-70	1	305	24,130	3.42	826	20	20,130	3.16	637	10-72		31	776	-.01	26	53
61-25-0010	7457193	1427381	9-69	2	298	17,180	3.34	574	11	13,360	3.50	467	8-72		40	1,029	.01	39	75
61-25-0011	6417459	1368793	7-65	3	305	21,466	4.03	866	27	17,826	3.51	626	2-73		37	805	.08	42	68

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
61-25-0011	7109752	1418927	6-68	2	305	24,370	3.25	793	26	18,445	3.56	657	1-73		40	803	-.04	22	$ 51
61-25-0011	7162086	1399824	8-68	3	305	21,857	3.50	765	36	16,653	3.55	591	10-72		42	950	.01	35	68
61-25-0011	7381959	010275932	7-69	2	305	28,255	3.29	929	24	17,970	3.48	626	3-73		40	1,226	-.03	40	83
61-25-0011	7422812	1392858	12-68	2	305	22,095	3.86	852	22	16,665	3.44	574	1-73		40	764	.08	40	65
61-25-0034	7596666	1427381	3-70	1	305	19,680	3.27	644	8	17,950	3.45	620	4-72		36	889	.02	35	65
61-25-0034	7638884	1427381	7-70	1	303	18,940	3.74	708	23	17,120	3.48	595	11-72		36	883	.06	41	70
61-25-0042	6873999	1308101	6-66	3	280	16,983	3.34	567	16	13,883	3.57	495	7-72		42	896	-.05	24	57
61-25-0042	7082781	1320310	5-67	3	292	20,077	3.48	698	16	15,120	3.59	543	12-72		42	1,111	-.05	32	72
61-25-0042	7175609	1427381	10-68	1	305	17,420	3.87	675	23	13,290	3.64	484	9-71		36	998	.06	45	78
61-25-0042	8013638	1427381	9-70	1	305	16,480	3.82	629	36	13,800	3.62	499	1-73		36	898	.06	41	71
61-26-0022	6355294	1308101	10-64	6	305	18,610	3.75	698	29	15,478	3.55	549	3-73		44	962	.01	36	69
61-26-0022	6434768	1308101	12-64	5	305	18,228	3.47	632	28	15,450	3.53	545	1-73		44	916	-.03	28	61
61-26-0022	6523002	1276344	11-65	5	304	21,226	3.20	679	25	15,812	3.57	565	2-73		44	897	-.05	25	57
61-26-0022	6722166	1315578	11-66	4	305	17,593	4.01	706	29	14,953	3.66	548	10-72		44	478	.13	37	50
61-26-0022	6722167	1315578	12-66	4	305	20,010	3.61	722	19	15,920	3.62	577	11-72		44	680	.08	36	58
61-26-0022	6722170	1276344	9-66	4	305	19,690	3.72	733	24	15,675	3.67	576	2-73		43	688	.04	31	54
61-27-0021	7002731	1237277	1-68	3	305	24,320	3.63	882	11	16,130	3.63	586	6-72		42	916	-.01	32	64
61-27-0021	7153129	1308101	3-68	3	294	18,933	3.63	688	21	15,693	3.69	579	9-72		42	954	-.02	31	65
61-27-0021	7359386	1292880	9-67	3	305	28,230	3.03	855	8	18,240	3.52	642	6-72		42	1,100	-.08	27	67
61-27-0027	7554069	1450692	1-70	2	303	21,415	3.25	697	11	15,420	3.50	540	12-72		40	977	-.03	30	65
61-27-0027	7612678	1450692	4-70	1	305	21,290	3.92	834	11	14,520	3.71	539	10-72		35	881	.03	37	67
61-27-0032	7281382	1491980	1-69	3	289	18,780	3.38	634	16	16,033	3.37	540	2-73		37	671	.03	29	52
61-27-0032	7651728	1450692	1-70	1	302	22,270	3.41	759	14	16,600	3.43	569	3-73		35	829	.00	30	59
61-28-0003	6218123	1182696	12-64	6	304	19,022	3.27	622	34	15,028	3.46	520	3-72		44	763	-.02	24	51
61-28-0003	6218128	1308101	10-64	6	305	17,882	3.49	624	32	15,200	3.55	540	4-73		44	897	-.03	28	60
61-28-0003	6899365	1237057	6-67	4	298	20,532	3.84	788	30	16,515	3.51	579	2-73		44	728	.02	29	54
61-28-0003	6921969	1368793	9-67	3	305	20,586	3.38	696	29	16,420	3.48	571	7-72		37	836	-.03	26	56
61-28-0003	7060519	1341975	10-67	3	305	23,793	3.45	821	28	16,456	3.57	588	10-72		38	864	-.01	29	59
61-28-0003	7268614	1333969	9-67	1	305	27,380	4.07	1114	30	16,580	3.49	579	7-72		35	735	.13	47	69
61-28-0003	7324915	1357743	4-69	2	305	24,350	3.67	893	26	18,045	3.60	649	2-73		40	808	-.01	27	55
61-28-0003	7678126	1308101	11-69	1	305	21,810	3.85	840	33	18,660	3.93	733	1-73		36	908	-.02	30	62
61-28-0046	5362035	1352979	2-61	4	305	19,393	3.51	680	17	13,565	3.58	485	8-72		44	962	-.06	25	60
61-28-0046	5891694	1352979	7-63	8	309	18,261	3.30	603	9	12,560	3.57	449	1-73		44	948	-.09	20	55
61-28-0051	6641315	1308101	11-66	3	292	17,587	3.37	593	8	13,853	3.65	505	4-72		42	969	-.05	27	62
61-29-0027	6986111	1218293	8-67	2	305	19,900	3.75	747	8	11,785	3.64	429	5-72		40	839	.01	31	60
61-29-0040	7562780	1308101	11-69	2	303	19,460	3.56	693	7	15,755	3.57	562	1-73		40	975	-.03	31	66
61-29-0040	7607671	1308101	11-69	1	305	15,770	4.01	632	18	14,230	3.86	549	8-72		36	722	-.01	25	50
61-29-0048	8193073	1523162	12-70	1	305	23,490	3.42	803	17	15,790	3.63	573	12-72		22	827	-.01	28	57
61-30-0003	7714434	1493686	10-70	1	305	22,500	3.43	771	5	17,170	3.12	536	2-73		36	834	.04	36	64
61-30-0005	6966264	1308101	1-67	4	304	16,348	3.32	543	33	12,150	3.51	426	7-72		44	1,001	-.05	28	64
61-30-0006	7114751	1315578	12-67	3	301	18,717	3.88	726	30	15,290	3.56	544	8-72		42	556	.13	39	55
61-30-0006	7266731	1308101	12-68	2	305	20,865	3.30	689	30	15,950	3.46	552	8-72		40	1,102	-.05	32	72
61-30-0006	7457934	1308101	9-69	2	290	20,830	3.06	638	28	18,310	3.34	612	1-73		40	907	-.07	22	55
61-30-0006	7497530	1427381	9-69	2	285	21,230	3.06	650	30	18,360	3.34	613	1-73		40	1,034	-.01	35	71
61-30-0006	7569206	1450228	3-69	2	305	19,785	3.33	658	33	16,250	3.50	568	9-72		40	867	-.05	24	55
61-30-0008	6693131	1308101	8-66	5	305	17,642	3.59	633	33	15,782	3.52	555	3-73		44	806	-.01	27	55
61-30-0008	7053902	1308101	7-67	4	295	17,773	3.42	607	44	14,880	3.50	521	9-72		44	907	-.04	27	60
61-30-0008	7444522	1308101	10-69	1	305	22,490	3.24	729	38	16,580	3.45	572	2-72		36	1,082	-.05	31	70
61-30-0008	7571783	1450692	11-69	2	293	18,460	3.55	655	28	15,090	3.53	532	3-73		40	702	.01	27	51
61-30-0014	7033279	1508432	10-67	3	292	24,117	3.04	734	24	18,210	3.43	624	1-72		29	944	-.10	19	54
61-30-0014	7330642	1392858	8-68	3	288	21,463	3.20	687	30	14,866	3.57	531	8-72		42	931	-.04	28	61
61-30-0014	7866094	1447414	1-71	1	305	19,620	3.78	742	32	16,600	3.75	623	2-73		36	861	-.02	28	58
61-30-0014	7889408	1447414	4-71	1	305	19,280	4.03	777	24	16,470	3.84	633	3-73		36	844	.00	30	59
61-30-0026	6198688	1308101	7-64	7	305	20,587	3.19	657	10	16,283	3.35	546	3-73		44	1,134	-.06	31	72
61-30-0026	7123665	1308101	7-68	2	305	18,265	3.14	574	13	15,510	3.10	481	7-72		40	874	-.04	26	57
61-30-0026	7402126	1308101	8-69	2	305	17,615	3.22	567	12	14,880	3.26	485	11-72		40	859	-.04	25	56
61-33-0012	6414869	1308101	5-65	6	285	17,515	3.49	612	10	14,503	3.56	516	11-72		44	922	-.03	29	62
61-33-0012	7230001	1427381	11-68	2	305	16,920	3.69	624	7	15,415	3.50	540	5-72		40	836	.06	39	67
61-33-0012	7545058	1427381	3-70	1	285	18,040	4.00	722	16	15,500	3.47	538	9-72		36	913	.08	46	76
61-34-0002	6661493	1456385	4-66	4	275	19,125	3.48	665	61	12,523	3.42	428	9-72	B	35	1,097	.00	39	77
61-34-0002	6661496	1456385	8-66	4	274	20,100	3.06	616	52	13,835	3.49	483	10-72	B	35	1,086	-.09	25	65
61-34-0002	7048523	1458744	5-68	3	293	15,976	3.41	545	81	11,793	3.33	393	5-72		42	802	-.01	27	55
61-34-0002	7442129	1308101	11-69	1	305	16,860	3.86	650	61	11,860	3.47	412	5-72		36	944	.01	35	68
61-34-0002	7653306	1450228	6-70	1	159	17,810	3.00	534	123	11,980	3.56	427	10-72	B	36	900	-.07	21	54
61-34-0013	6642086	1315578	8-66	5	290	18,986	3.88	736	27	16,212	3.49	566	8-72		44	540	.14	40	56
61-34-0013	6915002	1315578	11-67	3	305	19,517	3.99	779	31	15,913	3.53	562	10-72		42	591	.14	43	60
61-34-0013	7643939	1399654	7-70	1	305	19,720	3.90	769	28	15,920	3.58	570	11-72		35	544	.09	33	50
61-34-0027	6530731	1308101	3-66	4	237	18,655	3.24	604	14	14,955	3.66	548	5-72		44	1,009	-.08	24	61
61-34-0044	6726014	1308101	9-66	4	303	16,375	3.57	585	15	14,123	3.51	496	4-73		44	810	-.01	27	56
61-34-0044	7262607	1308101	11-68	3	215	16,093	3.50	563	22	13,923	3.68	512	12-72		42	790	-.04	22	51
61-34-0044	7508179	1308101	9-69	2	305	18,740	3.95	741	13	13,265	3.58	475	4-73		40	1,104	.02	43	81
61-40-0017	5334208	1350142	11-60	8	305	21,428	3.58	767	18	15,524	3.63	563	11-72		36	978	-.01	34	68
61-40-0017	7349103	1427381	12-68	2	300	19,200	3.80	730	11	16,630	3.57	594	2-73		40	969	.07	45	77
61-40-0017	7349104	1427381	1-69	2	273	21,755	3.52	765	13	16,820	3.67	617	12-72		40	1,213	.02	47	89
61-40-0017	7349105	1427381	6-69	1	305	23,270	3.43	799	11	15,880	3.45	548	5-72		36	1,280	.03	51	95
61-40-0017	7446477	1427381	7-69	2	289	22,005	3.77	829	13	16,820	3.67	617	12-72		40	1,238	.05	53	95
61-40-0017	7446478	1427381	8-69	1	305	28,470	3.41	970	12	16,970	3.58	607	12-71		36	1,602	.01	60	115
61-40-0017	7446479	1427381	8-69	2	295	21,370	3.14	670	9	17,665	3.59	634	2-73		40	1,105	-.02	36	75
61-40-0017	7446480	1427381	10-69	2	276	22,815	3.34	763	13	16,820	3.67	617	12-72		40	1,320	-.01	46	92
61-40-0017	7446482	1427381	12-69	1	305	18,340	3.21	589	22	15,890	3.66	581	8-72		36	912	.00	33	65
61-40-0017	7753601	1427381	10-70	1	305	20,870	3.59	750	22	15,890	3.66	581	8-72		36	1,100	.03	45	82
61-40-0017	7796626	1458744	9-70	1	292	21,130	3.19	673	25	16,120	3.66	590	8-72		36	821	-.06	21	51
61-40-0017	7796627	1458744	9-70	1	305	23,470	3.47	815	18	17,330	3.72	645	1-73		36	923	-.03	28	61
61-40-0017	7796628	1458744	10-70	1	305	27,060	3.06	828	7	17,950	3.73	669	4-73		36	1,154	-.09	28	70
61-40-0017	7980159	1427381	6-70	1	294	20,060	3.73	748	26	15,940	3.68	586	9-72		36	1,037	.05	45	80

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW MILK (LB)	I N D E X..... MILK FAT (%)	FAT (LB)	DOL-LARS
61-52-0505	6459765	1308101	10-65	4	296	15,113	3.85	582	15	13,108	3.54	464	8-72		44	754	.01	29	$ 55
61-55-0009	7170462	1509821	7-68	2	305	17,530	4.50	788	14	15,250	3.38	516	2-72		31	480	.15	40	53
61-55-0025	6820542	1464266	3-67	3	305	23,647	4.15	981	5	16,307	3.53	575	5-72		33	1,138	.11	58	95
61-59-0001	6872916	1308101	8-67	4	300	16,555	3.55	587	11	14,383	3.57	513	1-73		44	806	-.03	25	54
61-59-0001	6872917	1308101	8-67	3	305	19,260	3.11	599	7	14,853	3.47	516	12-72		42	1,069	-.08	26	65
61-60-0046	6259454	1308101	9-64	6	303	21,487	3.42	735	23	15,905	3.66	582	7-72		44	1,289	-.05	38	84
61-60-0046	6727119	1308101	9-66	5	302	19,550	3.42	668	32	15,522	3.72	578	2-73		44	1,079	-.06	29	68
61-60-0046	6922564	1308101	11-67	3	305	18,633	3.83	713	16	15,967	3.68	588	2-72		42	894	.01	33	64
61-60-0046	7496253	1513884	11-69	1	305	25,130	3.62	910	41	14,880	3.76	560	10-72		22	1,097	-.03	35	74
61-60-0084	6595329	1308101	9-65	5	305	18,122	3.26	591	26	14,796	3.62	536	3-72		44	970	-.07	24	60
61-60-0084	6697508	1315578	11-66	4	304	18,830	3.69	694	24	14,948	3.57	533	3-73		44	631	.09	37	57
61-60-0084	6831523	1308101	4-67	4	304	17,148	3.48	597	18	15,128	3.58	541	2-73		44	806	-.03	24	53
61-62-0032	6907468	1464838	10-67	3	305	23,533	3.35	789	12	17,440	3.64	634	8-72		34	870	-.03	27	58
61-62-0032	7424978	1509821	10-69	2	305	20,385	3.75	764	16	16,535	3.82	632	11-72		31	694	.01	26	50
61-73-0065	6171930	1368793	8-64	6	304	19,573	3.53	691	18	14,350	3.60	517	12-72		39	984	-.02	33	68
61-74-0010	7486515	1493686	3-69	2	235	19,210	3.77	725	9	16,430	3.49	574	1-73		40	694	.06	34	57
61-74-0010	7808456	1308101	9-69	1	305	16,970	3.15	534	14	14,570	3.18	464	2-73		36	791	-.04	23	51
61-76-0027	6205322	1308101	7-64	6	305	19,867	3.12	620	7	13,283	3.23	429	4-73		44	1,351	-.06	39	88
61-76-0027	7494300	1308101	4-69	2	305	18,130	3.05	553	5	15,170	3.03	460	4-72		40	888	-.04	25	57
61-99-0001	5489617	1237277	1-62	9	304	25,291	3.27	827	26	16,650	3.39	565	11-72		44	1,110	-.06	31	71
61-99-0001	6208025	1182696	12-64	6	292	21,600	3.40	735	22	16,953	3.29	557	11-72		44	897	.02	35	66
61-99-0001	7640853	1308101	8-69	2	305	22,815	2.74	625	23	15,585	3.27	510	7-72		40	1,330	-.12	29	78
63-03-0003	7517268	1427381	12-68	1	305	17,460	3.49	609	12	12,330	3.55	438	7-72		36	1,058	.03	43	79
63-03-0014	7563519	1406271	10-69	1	305	20,180	3.35	676	47	14,790	3.51	519	9-72		36	802	.01	31	59
63-03-0022	5195736	1094305	10-60	9	304	21,290	3.65	778	47	16,108	3.54	571	1-73		44	693	.03	29	52
63-03-0022	5934258	1287490	11-63	6	299	22,123	3.56	788	54	17,218	3.58	616	9-72		42	692	.01	27	51
63-03-0022	6270594	1296729	11-64	6	302	22,282	3.46	770	58	16,977	3.60	611	2-73		44	909	-.08	20	54
63-03-0022	6427286	1273756	8-65	5	305	21,636	3.36	726	45	17,474	3.61	630	3-72		44	897	-.02	29	61
63-03-0022	6427289	1273756	8-65	4	305	21,690	3.60	780	40	17,020	3.61	614	5-72		44	926	.02	37	69
63-03-0022	6427290	1273756	8-65	5	304	21,642	3.46	748	62	16,658	3.60	599	8-72		44	982	.00	35	69
63-03-0022	6427297	1273756	10-65	5	305	20,588	3.76	774	45	16,936	3.59	608	9-72		44	817	.05	37	64
63-03-0022	6510134	1352953	1-66	4	305	23,098	3.61	834	53	17,780	3.60	640	3-72		44	712	.01	27	52
63-03-0022	6510137	1273756	11-65	5	305	22,418	3.40	762	36	16,346	3.60	589	10-72		44	1,114	-.01	38	77
63-03-0022	7139794	1348259	7-68	3	305	20,617	3.72	766	71	16,800	3.63	609	12-72		42	737	.02	30	55
63-03-0022	7139797	1514699	8-68	3	305	22,336	3.51	784	61	17,153	3.64	624	12-72		36	881	-.04	25	57
63-03-0022	7139799	1514699	8-68	2	305	23,215	3.45	801	58	17,900	3.60	645	1-72		34	837	-.05	23	53
63-03-0022	7469130	1320310	10-69	1	305	19,360	3.74	724	39	16,940	3.58	606	7-72		36	799	-.02	25	53
63-03-0022	7469147	1441440	11-69	1	305	25,880	3.56	922	94	16,700	3.64	608	10-72		36	1,041	.02	40	76
63-03-0022	7755495	1447414	9-70	1	305	21,850	2.93	640	83	16,560	3.64	603	9-72		36	1,030	-.10	21	59
63-03-0022	7760396	1447414	8-70	1	305	19,490	3.58	698	83	16,560	3.64	603	9-72		36	854	-.03	26	57
63-03-1011	7575367	1427381	2-70	2	305	19,060	3.85	733	33	16,355	3.67	601	12-72		40	977	.06	45	77
63-03-1011	7711490	1427381	5-70	1	305	18,390	4.11	756	30	14,610	3.81	556	7-72		36	992	.07	47	80
63-03-1011	7711491	1427381	5-70	1	305	16,950	4.31	731	30	14,610	3.81	556	7-72		36	884	.09	45	74
63-03-1011	7711492	1427381	7-70	1	305	17,540	3.84	673	34	15,330	3.78	579	11-72		36	885	.05	40	70
63-03-1011	7711494	1427381	8-70	1	305	17,310	3.77	653	32	15,500	3.78	586	12-72		36	858	.05	38	67
63-03-1120	7537775	1406271	7-69	2	302	17,910	3.81	683	13	15,850	3.53	560	2-73		40	609	.07	32	52
63-05-0001	7823086	1559306	9-69	2	298	21,770	3.47	756	51	16,125	3.47	559	11-72		29	826	.00	30	59
63-06-0012	6401869	1445963	9-65	5	302	20,974	3.45	724	37	15,254	3.44	524	8-72		43	806	-.01	28	56
63-06-0012	6561069	1338592	3-66	4	303	19,330	3.38	653	42	14,458	3.47	502	12-72		43	833	-.06	20	51
63-06-0012	7277425	1469869	8-68	1	303	22,970	3.62	832	52	16,540	3.56	589	9-72		23	800	.01	30	58
63-06-0017	6261919	1237057	10-64	6	305	21,618	3.77	815	11	16,708	3.60	602	4-73		44	870	.00	31	61
63-06-0017	7149148	1386406	9-68	3	305	24,130	3.70	894	21	16,606	3.60	597	3-73		42	1,104	.03	45	83
63-06-0017	7745045	1427381	10-69	2	305	18,750	3.56	667	53	15,535	3.60	560	1-73		40	1,012	.03	41	76
63-06-0017	7745046	1427381	11-70	1	305	21,720	3.58	778	42	16,380	3.64	596	2-73		36	1,134	.03	46	85
63-06-0022	7524161	1514484	4-68	3	301	21,823	3.57	780	11	18,907	3.55	600	6-72		29	766	.00	28	55
63-06-0024	8056109	1427381	8-70	1	305	18,240	3.51	640	10	14,260	3.66	522	7-72		36	1,001	.03	41	75
63-06-0030	6903981	1261857	3-67	3	289	18,677	3.49	651	19	13,890	3.51	487	11-72		42	839	.04	37	65
63-06-1130	6979451	1495502	8-67	2	305	20,320	3.57	725	10	14,640	3.63	532	12-72		25	719	-.01	25	50
63-07-0006	6235825	1308101	1-65	5	299	15,424	3.49	538	21	12,492	3.54	442	3-72		44	860	-.03	27	58
63-08-0032	6909238	1303900	12-66	5	293	19,732	3.37	665	9	15,456	3.48	538	1-73		43	946	-.07	23	58
63-08-0045	7290028	1387978	9-68	2	305	18,615	3.43	638	24	14,755	3.52	519	11-72		40	789	-.02	25	53
63-08-0045	7341587	1387978	10-68	2	305	18,050	3.37	609	35	14,515	3.55	516	9-72		40	751	-.03	23	50
63-08-0046	6433493	1416871	11-65	4	305	20,880	3.58	747	11	13,915	3.52	490	8-72		35	892	.01	34	65
63-09-0007	5513791	1352290	9-61	8	302	20,233	3.44	696	54	15,124	3.51	531	1-72		37	939	-.04	27	61
63-09-0007	7349188	1386406	9-68	2	305	19,790	3.96	784	53	16,300	3.49	569	12-71		40	589	.07	32	51
63-09-0007	7349206	1357797	10-68	2	305	19,095	3.76	718	67	17,200	3.38	581	11-72		40	454	.14	37	50
63-09-0007	7652002	1386406	7-69	1	289	25,200	3.40	858	67	17,720	3.49	618	11-72		36	816	.00	30	58
63-09-0007	7652006	1320310	2-69	2	305	21,645	3.35	725	46	17,215	3.42	588	1-73		40	1,051	-.05	30	68
63-09-0007	7841179	1347940	8-69	1	305	20,520	2.97	610	70	17,070	3.42	583	8-72		36	791	-.05	21	50
63-09-0007	7915426	1357797	12-69	1	305	21,600	3.84	830	34	16,820	3.36	565	6-72		35	616	.14	44	62
63-09-0007	7915429	1320310	1-70	1	305	20,560	3.29	677	57	17,190	3.43	589	8-72		36	873	-.05	23	55
63-09-0007	7915440	1357797	12-69	1	296	20,840	3.64	758	67	17,050	3.40	580	8-72		35	545	.12	38	54
63-09-0007	7915444	1320310	3-70	1	305	19,380	3.60	697	57	17,190	3.43	589	8-72		36	785	-.03	24	52
63-09-0007	8050939	1347940	9-70	1	303	24,590	2.76	679	70	17,600	3.48	613	11-72		36	1,063	-.08	25	64
63-09-0007	8050940	1347940	10-70	1	305	19,630	3.86	757	54	17,780	3.50	623	12-72		36	683	.04	30	53
63-09-0007	8050941	1406271	6-70	1	305	19,750	3.87	765	69	17,100	3.40	582	8-72		36	633	.07	34	54
63-09-0007	8050942	1347940	8-70	1	305	21,260	3.12	664	70	17,600	3.48	613	11-72		36	815	-.04	23	52
63-09-0007	8050969	1347940	8-70	1	305	20,360	4.02	819	38	17,730	3.51	623	1-73		36	740	.05	34	59
63-12-0017	7228762	1320310	8-68	2	305	21,675	3.16	685	79	16,515	3.54	584	3-72		40	1,110	-.09	26	67
63-12-0017	7341704	1406271	11-68	2	305	19,850	3.19	634	71	15,295	3.60	550	10-72		40	851	-.02	28	58
63-12-0017	7362913	1524814	2-69	2	305	21,785	3.71	808	61	16,165	3.51	567	6-72		30	810	.04	36	63
63-12-0017	7426992	1524814	4-69	2	285	20,335	3.56	723	65	15,405	3.71	572	10-72		30	710	.00	25	50
63-12-0017	7613348	1450692	5-70	1	305	20,830	3.44	716	69	15,700	3.73	586	5-72		35	775	-.01	26	53
63-12-0058	7421495	1427381	7-69	2	305	16,565	3.43	569	18	13,380	3.42	458	3-73		40	965	.03	40	73
63-12-0058	7584862	1447414	1-70	1	305	16,540	3.70	612	20	14,540	3.33	484	2-72		36	755	-.01	26	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
63-13-0007	7809039	1427381	9-70	1	305	24,290	3.59	871	23	16,970	3.62	614	12-72		36	1,291	.04	52	$ 96
63-13-0010	6965884	1458744	9-67	3	298	19,633	3.29	646	24	14,943	3.69	552	8-72		42	933	-.06	24	58
63-13-0014	6332485	1451360	8-64	5	305	19,342	3.84	743	14	13,262	3.56	472	4-72		36	820	.06	39	66
63-14-1001	7324336	1308101	3-69	1	286	17,200	3.44	592	15	13,840	3.42	473	11-72		36	851	-.02	27	57
63-17-0020	7874644	1458744	6-70	1	288	20,290	3.41	691	24	15,410	3.56	549	12-72		36	801	-.02	25	54
63-17-0026	6239476	1308101	8-64	7	303	18,266	3.44	629	16	13,237	3.59	475	9-72		44	1,149	-.04	35	76
63-17-0027	6685129	1308101	8-65	5	305	17,688	3.38	597	20	14,080	3.62	510	9-72		44	988	-.05	27	63
63-17-0027	6685130	1308101	9-65	6	302	18,918	3.57	675	26	14,970	3.57	534	3-73		44	1,055	-.02	35	72
63-17-0027	6762683	1308101	11-65	5	305	18,144	3.54	643	26	14,252	3.64	519	8-72		44	1,029	-.03	32	69
63-17-0027	6947598	1308101	7-67	4	305	17,133	3.57	611	28	14,120	3.62	511	12-72		44	904	-.03	28	60
63-17-0027	6947599	1308101	9-67	3	305	18,077	3.76	679	25	14,767	3.66	541	2-72		42	941	-.01	33	66
63-17-0027	7528997	1491980	1-69	3	302	19,603	3.60	706	27	15,090	3.58	540	1-73		37	869	.04	38	67
63-17-0027	7529000	1308101	8-68	3	305	19,447	3.53	686	30	14,373	3.58	514	1-73		42	1,135	-.03	36	76
63-17-0027	7529030	1308101	10-69	2	305	18,220	3.44	627	36	13,845	3.63	502	9-72		40	1,005	-.04	30	66
63-17-0029	7083644	1493686	7-68	2	299	17,345	3.89	674	11	14,970	3.62	542	2-72		40	623	.06	31	51
63-22-0006	7159118	1406271	7-68	3	305	18,850	3.38	638	28	16,433	3.35	551	12-72		42	681	.02	28	51
63-22-0006	7338716	1406271	3-69	2	305	19,505	3.47	677	19	14,860	3.34	496	9-72		40	851	.04	37	66
63-22-0006	7515018	1406271	7-69	1	305	19,780	3.61	715	18	17,290	3.33	575	2-72		36	624	.06	31	51
63-22-0024	7669403	1450692	9-70	1	280	21,730	3.54	769	9	17,290	3.66	633	10-72		35	747	.00	27	53
63-23-0035	7118384	1347940	6-68	2	305	22,440	3.22	722	42	17,070	3.48	594	3-73		40	1,063	-.04	32	70
63-23-0035	7118386	1347940	8-68	3	300	17,766	3.39	602	66	15,273	3.57	545	10-72		42	754	-.03	23	50
63-23-0035	7548233	1337741	8-69	2	298	22,040	3.39	748	43	17,015	3.51	597	1-73		40	731	-.01	24	50
63-23-0210	6147109	1338592	9-64	2	305	24,280	3.11	754	8	16,960	3.27	555	12-72		40	1,038	-.10	22	61
63-24-0012	7148887	1387978	8-68	3	305	18,853	3.37	636	23	14,487	3.53	512	12-72		42	880	-.03	27	58
63-24-0017	7412879	1427381	9-69	2	268	15,405	3.72	573	23	13,535	3.65	494	7-72	B	40	835	.05	37	65
63-25-0001	6703033	1406271	9-66	3	305	16,547	3.82	632	23	14,123	3.35	473	5-72		42	629	.08	35	55
63-25-0005	6605754	1276654	9-66	4	305	21,818	3.48	759	24	14,275	3.43	489	10-72		44	1,038	-.01	36	72
63-25-0005	7374356	1520499	7-69	2	303	18,250	3.86	704	37	13,500	3.42	462	12-72		28	616	.06	32	52
63-26-0022	6662507	1383004	11-66	4	277	19,203	4.33	832	14	15,483	3.71	574	4-72		44	435	.19	45	55
63-26-0022	7236536	1383004	8-68	2	282	21,075	4.05	854	14	15,980	3.74	598	2-72		40	496	.15	40	54
63-26-0022	7651064	1347940	11-68	2	305	22,755	3.04	691	16	15,045	3.66	550	10-72		40	1,259	-.08	32	78
63-28-0021	6681550	1450228	9-66	3	305	17,166	3.69	634	17	12,720	3.55	452	12-71		42	926	.00	33	65
63-32-0013	6677670	1469662	10-66	3	305	21,173	3.59	761	20	16,200	3.48	564	7-72		29	754	.02	30	56
63-32-0013	6821352	1469662	3-67	4	302	21,830	3.41	745	28	16,483	3.45	568	12-72		30	870	-.01	29	60
63-32-0013	7288178	1399283	12-68	2	305	22,155	3.39	750	51	17,050	3.40	580	11-72		40	804	-.04	23	52
63-32-0013	7375696	1508145	6-69	1	305	23,390	3.23	756	14	16,900	3.32	561	4-72		23	792	-.04	23	51
63-32-0022	7592558	1447141	10-69	1	305	18,970	3.31	628	7	11,850	3.47	411	7-72		36	648	.03	28	50
63-32-1007	7388475	1435690	9-68	3	292	20,836	3.52	733	12	15,293	3.56	545	12-72		42	626	.06	31	51
63-32-1015	7066868	1419936	9-67	3	305	24,383	3.53	860	6	17,100	3.43	587	4-72		38	952	.02	37	70
63-32-1015	7375777	1427381	8-69	2	294	21,100	3.32	701	15	17,385	3.39	590	10-72		40	1,100	.02	42	80
63-36-0004	7849015	1447414	10-70	1	305	19,060	3.66	697	13	15,650	3.50	548	11-72		36	876	-.02	29	60
63-37-0011	5590564	1199324	2-62	7	305	19,193	3.38	648	19	14,046	3.54	497	1-73		44	1,071	-.04	33	71
63-37-0011	5801210	1352991	12-62	7	301	19,427	3.13	608	20	14,731	3.60	530	8-72		40	1,156	-.12	23	66
63-37-0011	6339163	1303900	5-65	6	301	17,160	4.16	713	21	14,557	3.56	518	2-73		43	702	.04	32	55
63-37-0011	6754717	1303900	7-66	4	305	20,573	2.96	608	27	14,495	3.63	526	6-72		42	1,130	-.15	17	60
63-37-0011	7778348	1427381	4-70	1	305	16,650	3.63	604	33	13,920	3.51	488	7-72		36	903	.05	40	70
63-37-0014	7014048	1303900	2-67	3	305	22,223	3.91	869	8	16,127	3.52	568	12-72		41	1,124	.02	43	82
63-37-0014	7302324	1458744	3-69	2	299	23,150	3.09	716	20	18,050	3.33	601	5-72		40	987	-.05	27	63
63-40-1101	6773565	1357743	10-66	3	305	23,217	3.45	800	14	16,640	3.62	603	1-72		42	898	-.05	24	57
63-40-1101	7530395	1427381	12-69	1	305	18,120	3.57	647	22	15,100	3.56	537	5-72		36	942	.04	40	72
63-40-1101	7848603	1427381	6-70	1	305	18,780	3.56	669	22	15,660	3.54	555	12-72		36	958	.04	41	73
63-43-1004	6027289	1430718	1-64	4	305	20,008	3.49	699	7	12,700	3.61	458	8-72		30	1,053	-.02	35	72
63-44-0020	7038179	1406271	1-68	2	305	19,655	3.46	681	37	14,635	3.37	493	7-72		40	885	.03	37	67
63-44-0020	7681362	1491007	2-70	1	305	17,700	3.54	626	23	15,190	3.50	531	5-72		35	709	.01	27	51
63-45-0013	7778536	1427381	10-69	2	305	18,025	3.28	592	8	16,105	3.41	549	9-72		40	892	.02	35	66
63-51-0014	6538315	1347940	12-65	4	305	16,757	3.91	655	18	14,022	3.54	497	9-72		44	765	.05	35	60
63-51-0014	7967948	1417208	6-70	2	305	20,080	3.45	693	23	15,420	3.42	528	3-73		40	820	.00	30	58
63-51-0014	8092237	1427381	7-70	1	305	18,840	2.93	552	24	15,440	3.37	521	6-72		36	976	-.01	34	68
63-51-0028	7530396	1427381	1-70	1	305	18,460	3.56	657	12	14,700	3.72	547	4-73		36	992	.03	40	74
63-51-0038	7445719	1427381	10-69	1	299	17,430	4.45	775	46	15,170	3.86	585	10-72		36	887	.10	47	75
63-51-0038	7745038	1427381	8-70	1	305	17,790	4.42	786	52	15,750	3.81	600	11-72		36	879	.10	47	75
63-51-1123	7237253	1458744	11-67	3	300	18,593	3.51	652	27	15,570	3.62	564	10-72		42	756	-.02	24	51
63-51-1123	7352649	1387978	7-68	2	305	20,775	3.49	726	28	15,750	3.61	568	3-72		40	927	-.02	30	63
63-60-0002	6389377	1308101	9-65	5	305	21,872	3.38	739	24	16,896	3.44	581	5-72		44	1,237	-.04	38	82
63-60-0002	6709671	1308101	10-66	4	305	19,675	3.26	641	24	16,960	3.41	579	6-72		44	937	-.06	25	59
63-60-0002	6913435	1315578	7-67	4	305	19,340	3.93	761	13	15,495	3.46	536	3-73		44	640	.14	45	64
63-60-0002	7572044	1427381	8-69	2	305	20,255	3.46	700	22	16,440	3.44	565	6-72		40	1,091	.03	44	81
63-60-0002	7572045	1427381	8-69	2	305	22,675	3.05	691	28	15,700	3.49	548	11-72		40	1,397	-.03	45	95
63-60-0002	7572047	1427381	9-69	2	305	18,760	3.58	672	27	15,770	3.48	549	10-72		40	994	.05	43	76
63-60-0002	7967330	1427381	6-70	1	303	20,680	3.17	656	24	16,740	3.46	580	12-72		36	1,035	.00	38	74
64-01-0126	6422533	1406271	12-65	5	296	17,434	3.95	689	31	14,692	3.38	497	9-72		44	704	.10	41	63
64-02-0108	7008410	1261857	8-67	3	305	20,070	4.36	876	7	17,440	4.04	704	6-72		42	673	.12	43	63
64-02-0108	7391918	1387978	12-67	2	302	20,090	4.42	888	6	16,870	4.17	704	5-72		40	767	.05	36	61
64-05-0103	7705286	1427381	10-70	1	305	16,080	3.89	626	76	14,190	3.71	527	11-72		36	845	.06	39	67
64-08-0103	7025272	1406271	6-67	4	299	17,173	3.56	611	21	14,833	3.47	514	8-72		44	648	.04	30	52
64-08-0106	6386779	1261857	3-65	6	290	17,150	3.78	649	20	14,725	3.65	537	1-73		44	610	.07	33	52
64-08-0106	6875332	1377954	8-67	4	304	18,078	3.68	666	37	14,143	3.72	526	10-72		44	798	.01	31	58
64-08-0106	7439760	1355784	12-69	1	305	20,560	3.29	677	13	14,940	3.88	580	5-72		35	912	-.11	15	50
64-08-0112	7391095	1499574	1-68	2	305	20,830	3.87	807	15	15,605	3.79	591	6-72		30	649	.04	30	52
64-08-0115	7108468	1406271	7-67	4	300	15,878	3.84	610	26	13,220	3.57	472	10-72		44	647	.07	34	55
64-08-0117	7604772	1406271	9-68	3	305	19,190	2.93	562	24	14,267	3.45	492	11-72		42	920	-.05	25	58
64-29-0105	7582024	1387978	6-69	1	305	20,110	3.38	679	7	14,060	3.54	498	7-72		36	862	-.03	27	58
64-29-0123	6821513	1406271	9-66	4	293	16,263	3.54	576	60	13,155	3.47	457	10-72		44	701	.04	31	55
64-29-0123	6821521	1406271	11-66	5	294	17,106	3.78	647	65	13,520	3.42	462	11-72		44	783	.08	40	65
64-29-0134	7314175	1419376	3-69	1	305	23,260	3.12	725	24	16,840	3.33	560	10-72		35	720	.01	27	52

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C O W I N D E X..... C REPT (%)	MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
64-29-0134	7408273	1463838	6-69	1	305	23,770	3.23	768	15	16,060	3.24	520	1-73	26	757	-.02	24	$ 51
64-53-0101	6421650	1271810	2-65	6	304	19,017	3.53	672	57	12,767	3.68	470	8-72	44	1,032	-.05	30	67
64-53-0101	6786441	1406271	2-67	4	305	17,345	3.42	594	59	12,575	3.71	467	9-72	44	892	.00	32	63
64-53-0101	7180364	1406271	7-68	3	300	15,490	3.91	605	45	12,253	3.72	456	8-72	42	680	.06	33	55
64-55-0101	6895630	1316112	7-67	2	305	20,165	4.37	881	31	13,165	3.71	489	10-72	40	611	.16	46	63
64-55-0101	7426904	1406271	10-69	2	305	17,630	3.91	689	37	14,190	3.59	510	12-72	40	715	.07	37	60
64-57-0105	6906031	1406271	8-67	1	305	16,180	4.03	652	20	12,800	3.85	493	8-72	36	623	.06	31	51
64-58-0110	7654632	010299972	4-68	2	301	17,280	3.56	616	52	12,250	3.57	437	10-71	35	744	-.01	25	51
64-58-0110	7658795	1458744	10-70	1	305	20,470	3.51	718	15	16,050	3.62	581	1-73	36	776	-.02	25	53
64-63-0115	7753889	1450228	8-70	1	305	20,630	3.00	619	53	14,490	3.62	525	10-72	36	960	-.08	22	57
64-67-0101	7658251	1441440	8-70	1	305	21,130	3.51	742	19	16,820	3.44	578	4-73	36	680	.03	29	52
64-67-0101	7707837	1450692	7-70	1	305	21,840	3.44	751	43	16,170	3.52	569	7-72	35	823	.00	29	58
64-99-0101	4931648	1060259	8-59	10	305	19,464	3.68	716	21	15,379	3.69	568	3-73	44	850	-.02	28	58
64-99-0101	6637950	1261857	9-66	4	292	17,653	4.12	727	22	16,095	3.65	588	7-72	44	527	.12	37	52
64-99-0101	6704019	1222994	11-66	3	305	18,877	3.99	754	16	15,480	3.78	585	4-72	42	666	.05	31	53
65-03-0331	7213726	1347940	8-68	3	305	20,953	3.61	757	23	18,223	3.52	642	1-73	42	849	.01	32	61
65-03-0331	7213730	1347940	8-68	3	295	21,430	3.49	748	18	18,396	3.54	652	4-73	42	888	-.01	30	61
65-03-0331	7213733	1392858	10-68	2	224	22,015	3.61	794	6	18,060	3.41	616	5-72 B	40	643	.05	30	51
65-03-0331	7251992	1347940	8-68	3	290	19,406	3.55	688	25	17,833	3.52	627	10-72	42	707	.00	26	51
65-03-0331	7515888	1320310	8-69	2	305	22,630	3.06	692	20	18,970	3.52	668	12-72	40	1,008	-.10	20	58
65-03-0331	7515891	1320310	8-69	2	297	22,245	3.78	840	21	18,340	3.45	632	12-72	40	1,020	.01	38	73
65-03-0331	7515892	1320310	8-69	2	305	19,910	3.60	717	25	18,305	3.45	631	11-72	40	786	-.02	25	53
65-03-0331	7515897	1315578	10-69	2	305	21,960	3.69	811	25	18,920	3.49	660	11-72	40	548	.11	36	52
65-03-0331	7515902	1308101	12-69	2	302	22,405	3.13	701	21	19,535	3.51	685	1-73	40	967	-.08	22	58
65-03-0331	7515905	1347940	10-69	1	305	23,530	3.09	727	16	18,330	3.32	609	8-72	36	940	-.04	28	62
65-04-0013	6684930	1261857	11-66	3	305	19,540	3.24	633	50	12,623	3.50	442	9-72	42	1,055	.01	39	76
65-04-0013	7421286	1427381	8-69	1	266	19,480	3.60	702	48	15,850	3.58	568	12-71 B	36	999	.04	42	76
65-05-0008	7048110	1308101	2-68	1	305	18,820	3.30	621	9	11,950	3.61	431	7-72	36	1,085	-.04	32	71
65-07-0006	6390397	1308101	11-65	5	293	17,534	3.46	606	28	15,628	3.48	544	2-73	44	808	-.03	25	54
65-07-0006	6896515	1308101	10-67	3	305	20,260	3.47	703	35	16,000	3.51	561	10-72	42	1,078	-.03	34	72
65-11-0011	7119411	1406271	6-68	2	305	18,005	3.66	659	22	13,935	3.40	474	5-72	40	774	.06	37	63
65-11-0017	5839682	1283937	1-63	6	278	19,838	3.56	706	28	14,858	3.55	528	8-72	36	800	.00	28	56
65-11-0017	7003335	1471618	11-67	3	299	21,693	3.37	732	7	16,780	3.30	554	3-72	34	890	-.02	29	60
65-12-0007	6270012	1430162	2-65	6	298	19,231	3.81	733	24	14,821	3.76	558	9-72	43	639	.05	31	52
65-12-0007	6691120	1261857	11-66	3	305	22,183	4.02	891	16	16,080	3.65	587	4-72	42	1,041	.11	55	88
65-12-0007	6957879	1315578	1-68	3	303	18,647	4.72	880	33	16,480	3.75	618	8-72	42	439	.23	50	60
65-12-0007	7406675	1308101	9-69	2	294	19,185	3.88	744	36	16,605	3.88	644	9-72	40	878	-.01	30	61
65-13-0008	6310568	1148087	12-64	4	305	18,650	3.51	654	60	14,190	3.53	501	1-73	43	747	-.03	23	50
65-13-0008	6646994	1261857	8-66	3	305	19,637	3.46	680	41	15,223	3.49	531	2-73	42	827	.04	36	64
65-13-0008	6646995	1261857	9-66	3	305	17,797	3.62	645	37	14,497	3.50	508	9-72	42	682	.06	34	56
65-13-0008	6785735	1360676	12-66	3	305	17,577	3.58	630	33	14,567	3.50	510	2-73	41	676	.02	28	51
65-13-0008	6831847	1261857	2-67	4	293	17,218	3.69	635	44	14,300	3.49	499	10-72	44	651	.08	35	56
65-13-0008	7065137	1360676	3-68	3	305	19,807	3.32	657	35	14,767	3.48	514	4-73	41	918	-.01	31	63
65-13-0008	7703381	1406271	9-70	1	305	20,700	3.25	672	53	16,550	3.43	568	1-73	36	736	.01	28	53
65-13-0008	7703382	1524032	9-70	1	305	23,590	3.14	741	64	16,190	3.43	555	12-72	25	927	-.09	19	54
65-17-0036	6929918	1282936	1-67	2	305	22,705	3.11	706	33	13,515	3.49	471	9-72	40	1,057	-.06	28	66
65-17-0036	7023231	1465678	9-67	2	305	21,495	3.14	676	28	13,870	3.45	478	2-73	36	1,195	-.06	34	77
65-17-0036	7112098	1495881	9-67	4	288	17,795	3.27	582	26	14,070	3.50	492	12-72	42	858	-.06	21	52
65-20-0002	6329871	1422723	2-65	5	305	19,024	3.34	635	15	14,128	3.48	492	6-72	37	1,001	-.03	31	67
65-21-0005	6837706	1406271	7-67	3	301	19,000	2.91	552	6	13,713	3.68	504	8-72	42	949	-.07	23	58
65-27-0001	6951968	1308101	2-67	4	303	20,453	3.19	653	24	16,303	3.31	540	10-72	44	1,098	-.05	31	71
65-27-0001	7721678	1392858	9-69	2	301	22,255	3.03	674	46	15,955	3.22	514	11-72	40	838	-.03	26	56
65-52-0048	5442082	1309943	3-61	6	298	21,958	3.04	667	16	14,492	3.49	506	2-72	37	1,251	-.11	28	74
65-53-0001	6684929	1261857	9-66	4	303	20,858	3.59	749	46	15,848	3.61	572	9-72	44	947	.04	41	73
65-53-0001	7482881	1308101	10-69	2	271	18,420	3.26	600	31	16,510	3.56	588	10-72	40	808	-.06	20	50
65-53-0005	7415523	1427381	7-69	1	305	19,730	3.14	620	22	17,320	3.41	590	1-73	36	930	.01	35	67
65-53-0005	7795725	1450692	11-71	1	305	23,510	3.31	778	22	17,150	3.40	583	1-73	35	890	-.01	30	61
65-53-0005	7795726	1447141	11-71	1	305	24,320	3.34	813	22	17,120	3.40	582	1-73	36	733	.04	32	57
65-53-0009	6430446	1426467	1-65	2	305	25,740	3.44	885	10	16,435	3.56	585	2-72	25	1,223	-.03	40	83
71-02-0057	7201708	1427381	7-68	2	305	17,285	3.65	631	13	15,350	3.50	537	3-72 B	40	878	.05	40	69
71-02-0057	7616120	1427381	12-69	1	305	18,780	3.71	697	13	14,890	3.45	513	8-72	36	1,004	.06	45	79
71-02-0061	6025383	1271810	1-64	5	305	21,270	3.54	754	19	15,460	3.43	531	1-72	44	1,045	-.02	34	71
71-02-0061	6923710	1493686	11-67	3	305	20,280	3.41	692	22	17,056	3.35	572	5-72	42	789	.02	32	59
71-02-0061	7087583	1493686	1-68	3	302	20,793	3.24	674	22	16,333	3.44	562	11-72	42	915	-.01	31	63
71-02-0061	7092837	1427381	7-68	2	305	19,395	3.39	658	24	17,705	3.40	602	9-72	40	901	.03	37	68
71-02-0071	7061634	1427381	6-68	2	288	19,755	3.78	746	9	16,965	3.76	638	1-72 B	40	998	.05	43	77
71-02-0096	7201709	1427381	8-68	1	305	20,500	3.71	761	8	15,130	3.58	541	7-72	36	1,118	.05	48	86
71-04-0004	7567656	1427381	11-69	1	305	18,380	3.76	691	21	15,020	3.52	528	4-72	36	967	.06	44	76
71-04-0004	7606255	1427381	5-70	1	305	18,820	3.86	727	27	14,860	3.67	546	8-72	36	1,009	.06	46	80
71-04-0004	7821926	1427381	9-70	1	305	17,600	3.94	694	37	15,050	3.70	557	12-72	36	907	.06	42	72
71-04-0034	6876171	1493686	9-67	2	305	18,800	3.40	640	25	15,750	3.54	558	6-72	40	707	.00	26	51
71-04-0034	7183247	1489981	11-68	2	305	20,150	3.90	785	59	15,375	3.73	574	6-72	40	634	.11	40	59
71-04-0035	7460149	1493892	1-70	1	305	23,450	3.60	845	9	14,090	3.35	472	1-72	24	879	.03	37	67
71-07-0006	7358760	1406271	8-67	3	294	18,167	3.35	608	6	14,300	3.37	482	6-72	42	799	.01	31	58
71-07-0010	6547398	1377560	7-65	5	304	20,116	3.45	695	11	13,698	3.47	476	10-72	39	761	-.01	26	53
71-10-0001	6551428	1330987	2-66	5	302	20,806	3.48	724	11	18,332	3.44	630	10-72	44	656	.04	29	51
71-10-0001	6661356	1466179	9-66	3	305	21,296	3.32	706	8	19,193	3.40	652	4-72	38	839	-.04	24	54
71-10-0009	7475590	1427381	11-69	2	305	17,750	3.05	541	13	13,335	3.25	433	12-72	40	1,089	.00	39	77
71-10-0014	7550989	1427381	6-69	1	305	16,670	3.57	595	22	14,130	3.50	495	5-72	36	892	.04	39	69
71-18-0008	7415941	1526997	6-69	2	305	19,275	4.20	810	18	13,755	3.67	505	8-72	29	736	.11	44	67
71-18-0009	7564809	1427381	10-69	2	301	18,210	3.54	645	13	14,015	3.72	522	1-73	40	1,081	.02	42	79
71-19-0010	7711717	1450228	7-70	1	305	20,250	4.07	825	12	17,110	3.92	670	10-72	36	776	.01	29	56
71-19-0023	5662907	1271810	10-62	7	303	21,577	3.65	787	111	14,259	3.65	520	2-73	44	1,208	-.03	39	82
71-19-0023	6302251	1210507	12-64	6	299	20,055	3.38	678	22	14,435	3.54	511	11-72	44	1,090	-.10	24	64
71-19-0027	7311284	1427381	2-69	2	305	18,620	3.54	659	14	14,380	3.46	497	8-72	40	1,093	.04	46	83

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D REPT	CDH MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
71-19-0034	6204590	1421265	8-64	5	291	20,022	3.21	643	13	13,144	3.56	468	6-72	35	921	-.07	23	$ 57
71-19-0035	6455379	1406271	10-65	2	305	18,980	4.01	762	10	16,215	3.63	588	2-73	40	688	.09	38	60
71-19-0035	7119127	1427381	9-68	1	305	17,600	3.79	667	9	14,750	3.36	495	8-71	36	925	.07	44	75
71-25-0014	5830754	1237057	4-63	4	305	25,287	3.24	820	17	14,837	3.38	502	2-73	44	1,481	-.08	40	94
71-25-0014	7079550	1479704	9-67	3	305	22,660	3.37	763	23	14,466	3.44	498	6-72	33	1,123	-.01	39	78
71-25-0014	7086514	1403109	8-66	4	302	19,983	3.57	714	18	15,350	3.57	548	2-72	30	727	.00	26	51
71-25-0014	7130782	1516291	9-68	2	305	20,705	3.75	777	20	14,015	3.62	508	9-72	25	831	.03	34	62
71-47-0008	7688884	010308691	8-70	1	305	18,060	3.34	603	31	14,800	3.37	499	9-72	28	995	.03	40	74
71-73-0002	7475591	1427381	12-69	1	295	20,450	2.70	553	26	16,610	2.87	477	2-72	36	1,026	.00	37	73
71-73-0002	7562016	1427381	12-68	1	305	17,410	3.12	543	27	15,730	2.94	462	12-71	36	852	.04	37	66
71-73-0002	7671163	1427381	3-70	1	199	18,220	2.94	535	19	14,660	3.01	441	6-72	B 36	976	.02	38	72
71-80-0003	5637073	1355784	4-62	6	305	20,088	3.06	615	39	14,515	3.40	494	7-72	44	1,146	-.13	21	64
71-80-0003	6006020	1355784	5-63	4	302	18,300	3.27	599	34	14,567	3.45	503	6-72	43	892	-.09	18	51
72-17-0003	6549841	1240125	8-65	4	305	18,773	3.45	648	36	14,838	3.46	513	9-72	44	747	-.02	24	50
72-17-0003	6549852	1273756	10-65	4	303	22,965	3.01	692	35	15,095	3.25	491	3-72	44	1,274	-.05	30	84
72-17-0003	6549853	1273756	11-65	4	305	20,288	3.10	628	37	15,123	3.29	497	9-72	44	941	-.02	30	63
72-17-0003	8165556	1347940	8-70	1	305	19,400	3.77	731	25	16,220	3.69	599	5-72	36	759	.01	29	55
72-31-6101	6978527	1406271	9-67	4	287	19,175	3.03	581	56	14,705	3.23	475	8-72	44	907	-.02	30	62
72-34-0126	6294016	1329588	12-64	6	286	18,615	3.37	628	32	13,898	3.44	478	11-72	44	775	-.03	23	51
72-34-0126	7499191	1347940	8-69	2	305	17,255	3.35	578	34	14,040	3.48	489	3-73	40	782	-.01	26	54
72-34-0126	7577891	1447414	1-70	2	299	16,730	3.35	560	34	14,345	3.53	506	1-73	40	807	-.05	21	50
72-43-0001	7373559	1397884	8-69	1	305	21,960	3.24	711	22	13,330	3.35	446	11-72	24	802	-.04	23	52
72-46-0011	6625917	1320310	8-66	2	300	20,485	2.72	557	56	15,095	3.06	462	12-72	40	1,105	-.11	23	64
72-46-0011	6998263	1183303	11-67	2	289	22,325	2.75	613	70	14,610	3.07	448	8-72	38	986	-.10	20	57
72-46-0011	7424418	1406271	7-69	2	305	19,935	2.83	564	27	15,395	3.10	477	3-73	40	851	-.02	27	57
72-49-0103	6911977	1406271	11-66	3	293	16,480	3.46	570	34	13,310	3.63	483	8-72	42	696	.01	27	51
72-49-0103	8054116	1427615	9-70	1	305	21,550	3.69	796	19	15,140	3.48	527	2-73	36	953	-.08	22	57
72-53-0051	7424417	1406271	5-69	2	297	18,520	3.37	625	24	16,005	3.25	520	9-72	40	658	.03	29	51
73-04-0005	7220361	1510387	9-68	3	260	21,256	3.43	730	12	16,426	3.64	598	1-73	B 34	963	-.05	27	62
73-04-0005	7220363	1510387	11-68	2	305	21,380	3.28	701	7	16,105	3.55	571	6-72	31	945	-.06	24	59
73-04-0005	7373935	1510387	1-69	2	305	21,700	3.40	737	7	18,110	3.57	646	6-72	31	795	-.05	21	50
73-04-0005	7478483	1427381	11-69	1	305	18,050	3.28	592	17	16,050	3.50	562	7-72	36	881	.02	35	65
73-04-0027	6456784	1450228	10-65	3	305	19,506	3.35	654	28	15,056	3.54	533	10-72	42	981	-.05	28	63
73-04-0027	6494145	1450228	3-66	3	228	18,376	3.70	680	18	15,550	3.61	561	8-72	42	805	-.01	28	56
73-04-0027	6704240	1406271	9-66	3	299	19,653	3.16	622	39	15,073	3.55	535	4-72	42	899	-.03	28	60
73-04-0027	7286914	1427381	8-68	3	301	19,593	3.53	691	34	16,333	3.61	590	11-72	42	1,059	.02	42	78
73-04-0027	7286915	1427381	1-69	1	305	17,630	3.64	641	32	15,410	3.72	574	9-71	36	887	.04	38	68
73-04-0027	7416022	1427381	10-68	1	280	18,870	3.96	748	33	16,240	3.63	589	3-73	36	930	.07	45	76
73-04-0027	7644285	1496636	10-68	2	305	20,605	3.57	735	34	15,075	3.57	538	4-73	39	840	.03	35	64
73-04-0027	8012211	1458744	12-70	1	305	22,440	3.76	844	45	15,860	3.78	599	12-72	36	934	.00	33	66
73-04-0027	8028846	1387978	2-70	1	274	18,740	4.24	794	54	15,990	3.76	601	9-72	36	645	.04	29	51
73-04-0027	8114306	1483713	2-70	1	305	24,220	3.58	867	30	15,570	3.51	547	2-72	27	1,164	.01	43	83
73-09-0004	6852832	1461424	9-66	4	289	21,355	3.39	725	31	16,988	3.39	576	5-72	B 30	736	-.01	25	51
73-09-0011	7666812	1458744	7-70	1	305	21,050	3.48	733	48	17,090	3.48	594	9-72	36	757	-.01	25	52
73-09-0011	7701961	1427381	3-69	2	294	21,670	3.16	685	42	18,190	3.45	628	11-72	40	1,093	-.01	38	76
73-09-0022	6928076	1308101	8-67	2	305	30,170	3.19	963	29	16,105	3.69	595	5-72	40	2,034	-.10	56	130
73-09-0022	7713905	1458744	7-70	1	305	21,140	3.30	698	26	14,810	3.54	525	10-72	36	900	-.03	27	59
73-14-0014	6864279	1383004	9-67	3	305	23,440	3.60	843	15	17,513	3.54	620	2-72	42	701	.10	40	62
73-20-0010	7657941	1427381	2-70	1	305	21,400	3.28	702	40	15,190	3.60	547	9-72	36	1,181	.01	44	85
73-20-0010	7798423	1427381	10-69	2	305	20,915	4.32	904	43	17,580	3.61	635	2-73	40	1,066	.13	59	93
73-20-0011	6991299	1487226	9-67	3	303	21,200	3.46	734	8	15,233	3.45	526	9-72	32	972	-.01	33	67
73-20-0011	7028223	1360676	3-67	4	305	19,013	3.49	664	14	14,868	3.39	504	10-72	42	847	.02	34	63
73-20-0011	7244352	1522656	9-68	3	291	22,063	3.16	698	12	16,197	3.38	548	1-73	29	881	-.06	22	54
73-20-0011	7244353	1487226	8-68	2	305	23,400	2.99	700	6	14,540	3.33	484	3-72	29	1,217	-.09	30	75
73-23-0006	5421424	010237136	2-59	6	305	19,765	4.00	790	19	14,095	3.65	515	3-72	44	576	.10	36	54
73-23-0006	6594739	1450228	1-66	4	305	20,582	3.67	755	34	15,115	3.60	544	1-72	44	1,135	-.01	40	80
73-23-0006	7070208	1314767	10-67	4	303	20,140	3.82	770	36	15,772	3.51	553	2-73	44	673	.06	34	56
73-23-0033	6965277	1466652	2-66	4	251	20,480	3.46	708	8	15,410	3.58	552	8-72	B 35	875	-.04	25	57
73-24-0001	6443077	1283536	10-65	4	305	21,895	3.14	687	18	15,057	3.53	531	9-71	44	920	-.10	18	52
73-24-0001	6443085	1294703	1-66	4	305	19,670	3.46	680	29	14,330	3.62	519	8-72	43	1,007	-.05	28	64
73-24-0006	5888540	1236579	4-63	7	298	18,846	3.88	732	7	14,847	3.84	570	10-72	43	730	-.01	24	50
73-24-0010	7326208	1427381	8-68	1	305	18,240	3.62	660	17	15,130	3.83	580	10-71	36	950	.03	39	71
73-24-0013	6953181	1487096	1-68	2	305	20,105	3.86	776	10	14,905	3.55	529	5-72	29	640	.06	32	53
73-24-0013	7915391	1423320	2-70	1	305	24,310	3.46	842	22	14,860	3.72	553	10-72	35	796	.03	34	61
73-26-0010	6835016	010274835	1-64	3	305	21,896	3.24	710	18	16,443	3.56	585	2-72	33	870	-.07	21	53
73-26-0025	7522309	1315423	9-69	2	305	21,195	3.52	747	19	14,365	3.67	527	12-72	40	858	-.07	20	52
73-26-0035	7691347	1427381	10-70	1	305	18,420	4.12	758	46	15,560	4.01	624	11-72	36	937	.06	43	74
73-36-0034	7424138	1489939	7-69	2	305	23,170	3.54	821	25	15,070	3.58	539	12-72	29	1,237	-.02	41	85
73-37-0003	6839886	1460262	8-65	5	305	23,656	3.52	833	28	19,000	3.72	706	4-72	32	877	-.04	26	57
73-37-0003	6910671	1487500	11-67	3	302	24,000	3.58	858	26	18,237	3.68	671	7-72	34	831	-.01	28	57
73-37-0003	7006469	1493248	11-67	3	305	25,993	3.51	913	24	19,143	3.74	715	8-72	33	1,133	-.05	33	74
73-37-0003	7184431	1458744	7-68	2	206	25,825	3.32	857	28	20,390	3.58	729	3-72	B 40	1,069	-.05	31	69
73-37-0019	5886900	1387748	4-63	8	286	20,725	3.16	654	12	14,535	3.54	515	2-73	B 36	991	-.09	22	59
73-37-0021	7251527	1486606	8-68	2	302	19,470	3.91	762	9	14,060	3.92	551	12-71	28	680	.04	30	53
73-37-0024	6757826	1308101	1-67	2	305	20,250	3.71	751	34	15,950	3.79	589	8-72	40	1,072	-.02	35	73
73-37-0024	6854054	1383311	8-67	2	304	24,165	3.42	827	16	17,125	3.68	630	3-72	40	845	-.04	24	54
73-37-0024	7349858	1427381	7-69	1	305	20,100	3.65	733	34	16,090	3.75	603	7-72	36	1,031	.04	43	78
73-37-0024	7578073	1427381	9-68	2	305	18,135	3.76	681	33	15,385	3.78	581	7-72	40	962	.04	41	73
73-41-0028	6803639	1478904	6-67	4	300	17,493	3.64	636	20	13,568	3.54	480	3-73	35	657	.03	28	50
73-41-0028	8016209	1399824	10-70	1	305	20,690	3.62	749	41	14,330	3.46	496	1-73	36	805	.03	34	61
73-41-0030	6955697	1350190	10-67	3	305	20,167	3.09	624	7	13,893	3.40	473	3-72	42	884	-.10	17	50
73-41-0030	7153405	010288790	8-68	2	305	19,990	2.97	593	6	15,510	3.35	519	12-71	38	777	-.01	27	54
73-41-0049	6783445	1406271	11-66	4	298	17,528	3.66	642	6	13,370	3.49	467	10-72	44	836	.05	38	66
73-41-0075	5576028	1233483	1-62	8	303	21,074	3.16	665	9	15,590	3.46	540	3-73	43	847	-.08	18	50
73-41-0075	6897691	1406271	10-65	3	295	18,887	3.85	727	8	15,847	3.38	536	2-72	42	740	.09	40	64

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	 C O W I N D E X MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
73-45-0027	7135012	1427381	8-68	2	305	15,660	3.45	540	17	14,150	3.39	479	8-72		40	811	.04	35	$ 62
73-45-0027	7296947	1427381	8-68	2	305	20,705	3.37	698	17	14,890	3.40	506	11-72		40	1,263	.02	49	92
73-45-0027	7531468	1427381	11-69	1	305	21,140	2.99	632	15	14,720	3.38	497	7-72		36	1,190	-.01	41	83
73-45-0042	6721881	1447044	4-66	4	305	20,743	3.40	706	15	15,203	3.35	510	2-73		35	1,163	-.01	40	81
73-46-0035	6616840	1308101	8-66	4	236	16,968	3.57	606	9	15,185	3.60	547	4-72		44	778	-.03	24	52
73-48-0019	7269749	1427381	11-68	1	305	19,200	3.59	689	8	13,370	3.55	474	6-72		36	1,126	.04	47	85
73-55-0011	7236850	1492496	7-67	4	300	20,713	3.32	687	34	15,605	3.60	562	6-72		30	807	-.06	20	50
73-55-0016	6361255	1283917	6-65	4	305	20,562	3.24	667	30	14,627	3.45	505	2-72		44	908	-.10	17	51
73-55-0016	7026879	1458744	2-68	3	302	21,630	3.44	745	22	15,763	3.41	538	12-72		42	1,087	-.01	37	75
73-57-0039	6512502	1402207	10-65	5	305	26,234	3.28	860	11	16,396	3.53	579	2-72		38	1,512	-.03	49	103
73-57-0039	7125422	1481789	12-67	2	303	23,605	3.99	941	7	17,420	3.67	639	11-72		32	834	.05	38	66
73-60-0019	7014680	1462015	2-67	4	305	19,355	3.45	667	41	14,728	3.29	485	9-72		35	791	.00	28	56
73-60-0050	7414056	1492486	5-69	1	280	20,950	3.43	719	6	13,190	3.50	461	9-71	B	35	1,072	-.11	22	62
73-60-0057	7349611	1492486	4-69	2	305	23,340	2.94	687	28	15,935	3.32	529	4-72		39	1,262	-.17	19	67
73-60-0057	7504861	1520835	7-69	2	305	20,875	3.41	711	35	15,200	3.31	503	6-72		29	715	.01	28	53
73-61-0001	6167763	1450922	11-64	5	305	18,864	3.98	750	62	15,386	3.57	550	9-72		32	576	.08	33	51
73-66-0030	7729647	1331709	7-69	2	305	24,470	3.27	800	18	15,340	3.19	489	11-72		40	1,165	-.05	34	76
73-69-0004	7392897	1427381	9-69	2	293	15,190	3.62	550	45	13,595	3.70	503	11-72	B	40	808	.03	34	61
73-69-0004	7505515	1427381	11-69	1	305	17,920	3.80	681	46	14,890	3.56	530	2-72		36	940	.06	43	74
73-69-0004	7505516	1427381	12-69	1	305	21,290	3.59	765	46	14,890	3.56	530	2-72		36	1,191	.04	49	90
73-69-0004	7505517	1427381	2-70	1	305	17,410	3.64	633	33	14,730	3.66	539	4-72		36	912	.04	39	70
73-69-0004	7599093	1427381	3-70	1	305	18,520	3.72	689	39	13,290	3.84	510	6-72		36	1,080	.04	45	82
73-69-0005	7672396	1427381	3-70	1	305	20,730	3.37	699	15	16,170	3.33	539	12-72		36	1,073	.03	44	81
73-72-0032	6386760	1401539	10-65	4	299	21,700	3.53	766	7	17,230	3.63	626	10-72		37	711	.01	27	52
73-76-0008	5425817	1354086	8-61	9	288	19,490	3.59	700	20	15,027	3.63	546	7-72	B	37	693	.02	28	52
73-76-0008	7737997	1427381	2-69	2	264	22,040	3.74	825	23	16,855	3.63	611	8-72	B	40	1,239	.05	53	95
74-01-0033	6719567	1315578	9-66	3	305	20,073	3.76	755	41	15,780	3.47	548	12-72		42	667	.12	42	62
74-01-0033	6908981	1308101	8-67	3	305	18,597	3.47	646	39	14,817	3.55	526	8-72		42	996	-.03	31	66
74-01-0033	7052809	1308101	8-67	4	297	17,135	3.47	595	49	15,235	3.51	534	10-72		44	794	-.03	24	52
74-01-0033	7052810	1308101	10-67	3	305	17,957	3.21	577	55	15,477	3.55	549	11-72		42	862	-.06	21	53
74-01-0033	7771725	1308101	11-70	1	305	18,660	3.33	621	31	15,880	3.72	591	2-73		36	839	-.05	22	53
74-03-0129	7097959	1308101	5-68	3	199	15,757	3.55	560	60	12,447	3.61	449	10-72	B	42	887	-.03	28	60
74-04-0140	6488056	1462355	9-65	5	305	20,960	3.79	794	20	17,234	3.75	646	2-73		36	718	.03	30	54
74-04-0140	7484640	1427381	8-69	1	297	15,950	3.36	536	17	14,080	3.43	483	8-71		36	842	.03	35	64
74-04-0143	7332321	1491981	8-67	2	305	23,645	2.86	677	16	16,265	3.43	558	12-71		38	1,002	-.12	17	55
74-05-0013	7699067	1427381	6-70	1	305	16,560	4.41	730	15	14,160	3.55	503	6-72		36	882	.10	48	76
74-05-0029	7758369	1308101	5-69	2	299	16,740	3.36	562	23	13,975	3.15	440	9-72		40	844	-.02	28	58
74-05-0032	6101314	1179372	8-63	7	303	19,150	3.22	616	11	13,813	3.45	476	11-72		44	848	-.04	25	55
74-05-0044	7699068	1427381	7-70	1	305	16,860	3.55	598	9	14,790	3.51	519	6-72		36	867	.04	38	67
74-05-0045	6671096	1308101	6-66	3	305	21,053	3.52	742	24	16,693	3.40	568	8-72		42	1,106	-.01	38	77
74-05-0045	6886434	1352979	7-67	3	305	24,797	3.16	783	14	18,350	3.33	611	3-73		42	1,102	-.10	24	65
74-05-0045	6886436	1352979	7-67	2	305	21,415	3.99	854	19	17,790	3.27	581	6-72		40	717	.03	31	55
74-05-0045	7052819	1271557	12-67	3	305	24,287	2.98	723	24	16,650	3.45	575	7-72		42	1,015	-.17	10	50
74-05-0045	7435333	1308101	10-69	1	305	19,490	3.50	683	21	17,060	3.52	600	9-72		36	830	-.02	26	56
74-05-0045	7485906	1308101	10-69	2	305	20,180	3.52	710	16	18,555	3.43	636	11-72		40	821	-.02	27	56
74-05-0045	7687577	1427381	10-70	1	305	26,230	3.43	900	16	18,300	3.49	638	12-72		36	1,356	.03	53	100
74-05-0049	7645838	1392858	7-70	1	305	23,830	3.19	760	7	15,340	3.65	560	12-72		36	826	-.02	26	55
74-07-0032	6878910	1308101	9-67	3	298	16,363	3.61	591	87	13,940	3.41	475	12-72		42	820	.00	29	58
74-07-0032	7095694	1308101	5-68	3	301	15,703	3.55	558	87	13,400	3.39	454	9-72		42	794	-.01	27	55
74-07-0032	7121684	1244009	9-68	2	305	16,800	3.27	614	55	14,425	3.42	494	5-72		40	812	-.06	20	50
74-10-0131	6574671	1409681	8-64	5	305	21,392	3.38	723	29	16,270	3.33	542	3-72		36	991	-.03	31	66
74-10-0131	6574675	1330987	10-65	6	301	20,106	3.34	672	35	17,020	3.37	573	2-73		44	701	.02	28	52
74-10-0131	6574686	1237057	12-65	5	288	20,678	3.39	701	29	16,386	3.34	548	7-72	B	44	781	-.04	22	50
74-10-0131	6998584	1308101	11-67	4	305	23,495	3.35	786	43	17,295	3.37	583	12-72		44	1,376	-.04	43	92
74-10-0131	7408318	1510616	7-69	2	305	24,790	2.78	688	39	16,240	3.41	553	11-72		31	1,247	-.15	21	68
74-10-0139	7811015	1392858	9-70	1	305	23,260	3.84	893	29	18,950	3.31	627	12-72		36	568	.08	32	50
74-10-0159	7076319	1493686	2-68	3	303	19,146	3.26	625	5	16,383	3.20	524	1-72		42	721	.01	28	53
74-10-0159	7563160	1308101	1-70	1	305	20,250	3.15	637	7	17,640	2.98	525	1-72		36	852	-.02	27	57
74-10-0179	7914718	1308101	2-70	1	305	20,090	3.30	662	30	16,750	3.48	583	12-72		36	893	-.04	26	58
74-10-0201	6357662	1425163	12-63	7	302	23,410	2.88	675	39	16,287	3.32	540	2-73		38	1,139	-.13	20	63
74-10-0201	6957741	1365341	8-67	3	305	21,203	3.29	698	39	15,906	3.28	522	11-72		42	1,097	-.03	35	74
74-10-0201	6957742	1365341	10-67	2	305	18,895	3.49	659	38	15,210	3.31	503	8-71		40	861	.00	31	61
74-10-0201	7248177	1492003	9-68	3	305	21,450	3.32	713	47	16,090	3.22	518	1-73		29	806	-.01	28	56
74-10-0217	7192135	1308101	10-68	2	298	18,470	3.20	591	13	15,940	3.44	548	8-72		40	860	-.06	22	53
74-10-0221	7903484	1450228	9-70	1	303	18,700	3.22	603	13	12,890	3.38	436	8-72		36	912	-.04	26	59
74-10-0221	7903486	1450228	10-70	1	305	17,140	3.65	625	13	12,890	3.38	436	8-72		36	796	.00	28	56
74-11-0118	7548017	1432733	2-70	1	305	21,850	3.74	817	13	17,670	3.36	593	5-72		36	676	.02	28	51
74-11-0140	7060780	1331709	11-67	3	286	20,677	3.61	746	13	15,493	3.52	546	10-72		42	883	-.02	27	56
74-12-0104	6138218	1386406	4-64	6	296	21,785	3.40	741	90	15,866	3.54	561	1-73	B	44	982	-.01	33	68
74-12-0104	6443328	1182696	7-65	6	298	22,175	3.37	748	112	15,483	3.52	545	8-72		44	1,123	-.02	38	78
74-12-0104	6495350	1237057	3-65	6	276	22,801	3.15	719	98	16,361	3.53	578	1-73	B	44	1,058	-.11	21	61
74-12-0104	6649964	1451515	11-65	5	297	21,192	3.60	762	90	15,886	3.54	562	10-72		35	866	.01	33	63
74-12-0104	6965931	1315578	7-67	4	301	19,430	3.69	717	136	15,798	3.52	556	10-72		44	621	.10	37	56
74-12-0111	6791689	1308101	10-66	4	284	22,310	3.43	766	56	19,153	3.50	671	5-72		44	1,046	-.04	32	69
74-12-0111	6894028	1482595	7-67	4	303	22,183	3.52	780	77	17,745	3.53	627	10-72		30	770	.00	27	54
74-12-0111	6912702	1308101	6-66	4	305	18,800	3.57	672	62	16,485	3.61	595	11-72		44	876	-.02	28	59
74-12-0111	6971903	1308101	9-67	3	305	21,243	3.43	728	89	16,977	3.49	593	1-72		42	1,102	-.04	34	73
74-12-0111	6971904	1308101	10-67	4	301	21,658	3.80	824	44	17,825	3.57	636	3-73		44	1,096	.02	42	80
74-12-0111	7201842	1392858	11-68	2	305	22,260	3.84	855	58	18,780	3.51	659	5-72		40	609	.07	33	52
74-12-0111	7236229	1392858	12-68	2	305	20,725	4.00	828	80	17,110	3.57	611	9-72		40	589	.08	34	52
74-12-0111	7372878	1308101	6-69	2	296	18,705	3.44	644	75	17,065	3.60	614	9-72		40	792	-.04	22	51
74-12-0111	7372879	1308101	6-69	2	305	18,885	3.76	710	86	17,140	3.59	616	9-72		40	805	.00	29	57
74-12-0111	7408316	1347940	2-69	2	296	20,690	3.60	745	84	17,710	3.60	638	10-72		40	833	.01	31	60
74-12-0111	7408320	1308101	8-69	2	295	20,480	3.64	745	75	18,110	3.59	651	10-72		40	888	-.02	29	60
74-12-0111	7433169	1308101	6-69	2	305	20,110	3.56	715	86	17,140	3.59	616	9-72		40	929	-.03	29	62

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
F4-12-0111	7433170	1308101	9-69	2	298	20,425	3.96	808	75	18,190	3.59	653	12-72		40	876	.03	36	$ 66
F4-12-0111	7669304	1308101	9-70	1	305	22,440	3.68	825	69	18,330	3.70	679	12-72		36	974	-.02	32	66
F4-12-0111	7743110	1308101	11-70	1	305	21,680	3.37	730	50	18,330	3.78	692	1-73		36	918	-.06	24	57
F4-12-0113	6414513	1461158	11-65	6	298	21,240	3.61	766	106	17,073	3.64	622	2-73		36	717	.00	26	51
F4-12-0113	7233385	1308101	9-68	3	305	22,590	3.14	710	149	17,260	3.48	601	12-72		42	1,230	-.08	31	76
F4-12-0113	7780568	1458744	11-70	1	291	21,490	3.39	729	129	17,220	3.55	611	12-72		36	782	-.03	24	52
F4-12-0124	5144812	1203114	3-59	6	305	21,793	3.51	766	59	15,910	3.51	558	8-72		44	875	-.02	29	60
F4-12-0124	6547397	1447144	6-64	5	305	24,014	3.40	817	67	16,174	3.49	564	1-73		32	1,292	-.03	42	88
F4-12-0124	6661357	1406271	4-66	4	305	21,615	3.36	726	84	16,343	3.44	562	11-72		44	1,047	.01	39	75
F4-12-0124	7328956	1513649	11-68	2	305	23,595	3.05	719	56	16,650	3.37	561	5-72		25	930	-.08	21	55
F4-12-0124	7328962	1450228	11-68	2	292	22,705	3.05	692	67	17,795	3.31	589	1-72		40	1,038	-.07	26	64
F4-12-0124	7956122	1458744	6-70	2	304	20,310	3.41	693	87	16,535	3.53	583	10-72		40	822	-.02	26	55
F4-12-0125	7061373	1458744	2-68	3	293	18,566	3.50	649	25	15,290	3.41	521	10-72		42	778	-.01	27	54
F4-12-0125	7463593	1506029	7-69	1	305	23,630	3.15	744	26	15,680	3.25	509	1-72		23	824	-.05	22	52
F4-14-0122	6890918	1413165	8-67	3	305	21,660	3.10	671	35	13,920	3.28	456	7-72		42	1,180	-.13	22	66
F4-14-0122	7726997	1450692	1-71	1	305	18,470	3.43	634	64	13,370	3.49	467	1-73		35	737	.00	27	53
F4-15-0135	7233632	1487413	12-68	2	305	23,880	3.21	766	16	17,740	3.30	585	6-72		32	972	-.06	26	61
F4-15-0137	6573241	1498643	6-66	4	302	22,200	3.86	856	25	16,533	3.54	585	4-72		35	1,180	.04	49	89
F4-15-0137	7619163	010287171	3-70	1	268	21,860	3.26	713	16	14,920	3.29	491	7-72		35	852	-.07	20	51
F4-15-0137	7748791	1450228	7-70	1	305	23,410	3.28	767	11	17,530	3.17	555	2-73		36	986	-.03	31	66
F4-15-0150	7344055	1487413	3-69	2	303	22,555	3.23	728	17	15,980	3.42	546	10-72		32	982	-.07	25	61
F4-15-0150	7344058	1510867	3-69	2	305	20,365	3.16	644	15	15,180	3.37	511	7-72		30	920	-.06	23	57
F4-15-0150	7696350	1427381	2-70	1	305	19,700	3.44	677	18	15,730	3.59	565	7-72		36	1,023	.03	41	76
F4-15-0151	7249422	1315578	9-67	3	305	21,793	3.23	704	13	15,430	3.41	526	8-72		42	897	.04	38	68
F4-15-0151	7261088	1182696	1-69	2	305	26,700	2.76	738	23	14,700	3.43	504	11-72		40	1,474	-.11	35	89
F4-15-0170	7275752	1498773	1-69	2	301	21,580	3.23	698	36	14,870	3.59	534	8-72		25	855	-.06	21	52
F4-15-0185	6909107	1487413	8-67	4	305	21,570	3.36	724	35	15,357	3.48	535	2-73		37	1,067	-.05	30	69
F4-15-0185	6966789	1475201	10-67	3	305	16,767	3.39	569	23	12,973	3.49	453	9-72		35	777	-.04	22	50
F4-15-0185	7609769	1427381	4-70	1	305	16,420	3.68	605	44	13,560	3.53	478	7-72		36	908	.05	41	71
F4-15-0200	7139941	1458744	8-68	3	270	20,400	3.06	624	19	16,676	3.51	586	11-72		42	862	-.08	19	51
F4-15-0204	7357984	1493686	12-68	2	305	17,940	3.15	566	15	13,900	3.42	475	7-72		40	770	-.01	26	53
F4-16-0104	6444588	1212173	11-65	4	305	19,368	3.62	701	17	12,943	3.48	451	8-72		44	866	.03	36	65
F4-18-0128	6505658	1457967	11-65	4	305	20,988	3.35	703	27	15,013	3.38	507	2-73		34	921	-.03	29	62
F4-18-0128	7042654	1458744	12-67	2	305	18,835	3.04	572	45	14,320	3.39	486	2-72		40	852	-.06	21	52
F4-18-0128	7230139	1493686	5-68	3	298	18,036	3.30	596	56	14,840	3.42	508	11-72		42	735	.00	27	53
F4-18-0128	7577196	1419376	10-69	2	305	19,400	3.23	627	58	14,275	3.47	496	11-72		40	705	.01	27	51
F4-18-0128	7577197	1419376	10-69	2	305	19,705	3.71	732	47	14,765	3.47	512	2-73		40	697	.07	36	59
F4-18-0143	4939624	1320371	9-58	1	305	27,520	2.86	788	59	19,050	3.25	620	11-72		35	886	-.08	19	52
F4-18-0143	5551225	1334843	9-61	8	275	21,730	2.96	644	23	15,629	3.33	520	4-73		36	1,024	-.10	21	59
F4-18-0143	7336248	1399283	10-68	2	305	21,805	4.07	887	31	19,225	3.34	642	3-72		40	592	.07	32	51
F4-18-0143	7630827	1506128	7-69	2	305	24,995	3.12	779	55	18,400	3.31	609	11-72		38	870	-.09	17	50
F4-18-0143	7833730	1377954	10-70	1	305	27,180	2.39	650	22	20,440	3.16	646	3-73		36	955	-.11	17	53
F4-18-0151	6341080	1249430	12-64	5	305	20,146	3.34	673	5	12,828	3.47	445	6-72		44	970	-.02	32	66
F4-18-0181	7689695	1427381	10-69	1	305	15,390	3.50	538	18	13,570	3.49	474	9-72		36	830	.04	36	64
F4-18-0196	7749762	1427381	11-70	1	305	17,180	3.77	647	14	15,390	3.65	561	3-73		36	855	.05	39	67
F4-25-0108	6274781	1449836	2-65	5	305	20,562	4.15	854	33	17,286	3.69	638	7-72		32	604	.11	38	56
F4-25-0108	6976036	1352953	11-67	3	305	23,750	3.66	869	35	17,450	3.74	652	7-72		42	766	.00	28	55
F4-25-0108	7275742	1308101	2-69	2	305	22,250	3.50	778	29	18,130	3.75	679	7-72		40	1,066	-.05	31	69
F4-25-0108	7275743	1308101	3-69	2	305	23,730	3.64	864	27	17,860	3.73	667	8-72		40	1,238	-.03	40	84
F4-25-0108	7275753	1308101	2-69	2	305	24,530	3.41	836	27	17,860	3.73	667	8-72		40	1,319	-.07	37	85
F4-25-0108	7501412	1500404	9-69	1	305	25,000	3.86	965	26	20,020	3.81	763	5-72		35	918	-.06	24	57
F4-25-0108	7729457	1308101	7-70	1	305	21,850	3.27	715	17	18,640	3.69	688	3-73		36	912	-.06	23	56
F4-25-0133	7319266	1308101	8-68	2	305	18,170	3.36	610	15	15,815	3.59	567	2-73		40	840	-.05	23	53
F4-25-0186	7238229	1483723	11-68	2	305	21,280	3.36	714	20	15,790	3.40	537	1-72		34	852	-.02	28	58
F4-25-0186	7294449	1330987	1-69	2	305	23,225	3.29	763	20	16,550	3.29	545	5-72		40	976	.02	38	72
F4-25-0192	7007617	1323059	1-68	4	302	22,397	3.54	793	19	16,980	3.62	614	3-73		44	890	-.06	23	55
F4-25-0204	7495641	1399951	2-68	3	305	20,777	3.60	748	16	13,957	3.64	508	7-72		33	923	.00	33	65
F4-25-0204	8199754	1427381	8-70	1	301	28,220	3.35	944	48	15,770	3.73	589	10-72	B	36	1,655	.00	59	117
F4-25-0209	7218805	1513467	10-68	2	305	25,055	4.06	1017	29	18,190	3.73	679	6-72		25	959	.08	47	78
F4-26-0117	7427744	1487834	5-69	2	305	20,180	3.50	706	91	14,870	3.53	525	10-72		30	842	.00	30	59
F4-31-0126	7068750	1491845	11-67	4	300	22,820	3.09	705	84	16,315	3.38	552	1-73		35	964	-.08	22	58
F4-31-0126	7625101	1458744	12-69	2	299	21,925	3.21	704	81	17,100	3.37	577	1-73		40	940	-.04	27	61
F4-31-0126	8213753	1450228	10-70	1	305	20,550	3.18	654	37	16,570	3.40	563	4-73		36	830	-.05	22	52
F4-31-0135	6959322	1472047	2-67	4	305	22,290	3.51	783	34	17,850	3.43	613	4-73		30	773	.01	29	56
F4-31-0135	6976039	1469759	11-67	3	305	23,067	3.16	728	44	17,173	3.42	588	5-72		29	913	-.07	22	56
F4-31-0135	7034232	1308101	1-68	2	305	19,570	3.66	717	40	17,435	3.37	587	3-72		40	850	.01	32	61
F4-31-0135	7249731	1282185	1-69	2	305	26,670	2.91	776	44	16,715	3.45	576	11-72		40	1,086	-.11	21	62
F4-31-0135	7857000	1563889	12-70	1	305	24,200	3.95	956	41	17,720	3.51	622	2-73		19	675	.06	34	56
F4-31-0141	6988018	1308101	10-67	4	303	20,808	3.36	699	50	17,945	3.38	606	12-72		44	979	-.03	30	65
F4-31-0141	7204618	1261857	9-67	3	301	21,000	3.64	764	49	17,587	3.39	597	2-73		42	766	.08	40	65
F4-31-0141	7204620	1261857	2-68	3	305	20,873	3.47	724	45	17,887	3.34	597	2-73		42	724	.06	35	59
F4-31-0141	7204723	1261857	7-67	3	239	19,563	3.71	725	43	17,873	3.36	600	4-73	A	42	575	.09	35	53
F4-31-0141	7235750	1469162	12-68	2	305	23,560	3.26	768	50	19,000	3.30	627	2-72		32	764	-.02	25	52
F4-31-0141	7333178	1261857	7-68	3	305	20,223	3.65	739	41	17,723	3.33	590	10-72		42	665	.09	37	58
F4-31-0141	7349114	1432733	7-69	2	305	22,730	3.29	748	58	17,965	3.34	600	1-73		40	851	-.03	26	56
F4-31-0141	7359702	1432733	7-69	2	305	25,655	3.13	804	59	17,545	3.33	584	12-72		40	1,182	-.06	33	76
F4-31-0141	7481770	1399283	10-69	2	305	24,675	3.06	754	42	19,255	3.42	659	4-73		40	881	-.09	17	50
F4-31-0141	7481772	1447414	12-69	2	305	21,565	3.27	705	60	18,640	3.37	628	2-73		40	949	-.05	26	60
F4-31-0141	7546662	1432733	8-69	2	305	25,530	2.93	747	45	17,435	3.33	580	7-72		40	1,179	-.09	28	71
F4-31-0141	7620037	1447414	1-70	1	305	24,200	3.57	863	52	18,490	3.40	628	6-72		36	1,090	-.02	36	74
F4-31-0141	7635209	1447414	2-70	1	305	20,500	3.29	675	54	18,600	3.38	629	5-72		36	808	-.05	22	51
F4-31-0141	7635210	1447414	5-70	1	305	22,630	3.07	695	54	18,600	3.38	629	5-72		36	966	-.07	24	59
F4-31-0150	7593457	1399283	11-69	2	305	25,090	3.06	769	16	17,080	3.20	547	1-73		40	1,100	-.08	27	67
F4-31-0151	6544439	1182696	12-65	4	294	19,725	3.10	611	8	14,923	3.28	489	8-72		44	841	-.03	26	56
F4-31-0151	7679562	1427381	5-70	1	305	19,920	3.65	728	10	16,990	3.28	558	4-72		36	964	.07	45	77

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
74-31-0151	7684111	1399283	8-70	1	305	26,860	4.18	855	5	17,670	3.26	576	4-73		36	982	-.06	26	$ 62
74-31-0152	7699009	1330987	5-70	1	305	21,320	3.61	770	13	17,310	3.39	586	6-72		36	615	.05	30	50
74-31-0157	7089394	1308101	1-68	3	305	19,967	2.87	573	11	17,013	3.34	569	10-72		42	952	-.10	18	54
74-31-0157	7469630	1399283	8-69	2	220	25,105	2.88	723	10	17,525	3.19	559	3-73		40	1,065	-.10	22	62
74-31-0157	7657352	1427381	7-70	1	305	22,780	2.94	669	13	16,110	3.42	551	10-72		36	1,229	-.02	41	84
74-31-0157	7678793	1427381	8-70	1	305	24,330	3.27	796	13	16,110	3.42	551	10-72		36	1,345	.01	50	97
74-33-0174	6971905	1308101	11-67	4	242	18,995	3.28	623	17	17,433	3.08	537	1-73	B	44	806	-.01	27	55
74-33-0193	7719079	1427381	8-70	1	305	17,410	3.83	667	8	13,430	3.63	487	11-72		36	989	.06	45	78
74-33-0193	7719080	1427381	9-70	1	305	15,650	4.19	656	7	13,740	3.54	486	3-73		36	839	.09	44	71
74-35-0174	7330139	1308101	4-69	2	305	18,050	3.75	677	20	16,245	3.55	576	10-72		40	792	.00	29	57
74-35-0191	6797441	1427517	10-66	2	202	27,315	3.01	821	25	17,540	3.43	601	2-72	B	31	1,279	-.11	28	75
74-35-0196	6536407	010281208	12-64	3	305	22,153	3.40	754	8	14,407	3.67	529	12-72		33	1,141	-.04	34	75
74-36-0003	6688125	1261857	7-66	4	305	20,688	3.76	777	28	16,660	3.56	593	1-72		44	846	.08	43	70
74-36-0003	6930923	1261857	7-67	4	305	21,428	3.31	710	28	15,893	3.43	545	1-73		44	1,013	.02	39	74
74-36-0003	7396421	1308101	8-69	2	302	21,600	3.86	834	31	16,440	3.48	572	7-72		40	1,137	.03	45	84
74-36-0003	7414772	1308101	7-69	2	305	18,035	3.49	630	29	16,325	3.46	565	9-72		40	784	-.02	25	53
74-36-0003	7550581	1308101	12-69	2	305	23,265	3.18	739	14	17,680	3.22	569	4-73		40	1,205	-.05	36	79
74-36-0022	6588409	1308101	5-66	4	305	18,808	3.47	653	114	14,608	3.52	514	8-72		44	1,062	-.03	33	71
74-36-0022	6588410	1308101	6-66	4	299	17,773	3.38	601	126	14,630	3.49	511	7-72		44	932	-.04	27	61
74-36-0022	6708032	1308101	7-66	4	305	19,083	3.55	677	128	15,075	3.52	531	3-73		44	1,050	-.02	35	72
74-36-0022	6748021	1308101	11-66	5	296	18,694	3.61	674	146	15,140	3.53	535	2-73		44	1,008	-.01	35	70
74-36-0022	6785852	1308101	7-66	4	305	18,768	3.32	623	125	14,480	3.49	506	8-72		44	1,070	-.05	30	69
74-36-0022	7046499	1308101	2-68	3	286	18,023	3.85	693	163	15,253	3.55	542	10-72		42	890	.02	35	66
74-36-0022	7217169	1222994	7-68	3	301	19,493	3.64	710	201	15,750	3.49	549	11-72		42	712	.02	29	53
74-36-0022	7217171	1182696	7-68	2	305	22,850	2.84	649	167	16,115	3.41	549	7-72		40	969	-.08	23	59
74-36-0022	7306967	1458744	12-68	2	305	20,135	4.01	807	216	15,115	3.54	535	11-72		40	919	.05	41	72
74-36-0022	7363176	1308101	1-69	2	305	19,140	3.68	705	155	15,070	3.49	526	9-72		40	998	.00	36	71
74-36-0022	7401514	1496121	12-68	2	305	21,570	3.72	802	122	16,260	3.41	554	5-72		29	845	.03	35	64
74-36-0022	7401523	1308101	5-69	2	305	17,530	3.13	548	157	14,880	3.47	517	8-72		40	851	-.07	20	51
74-36-0022	7401524	1308101	5-69	2	302	19,400	3.64	706	152	15,070	3.46	522	7-72		40	1,025	-.01	36	72
74-36-0022	7401529	1308101	7-69	2	290	21,065	3.69	778	216	15,700	3.55	558	11-72		40	1,143	-.01	40	80
74-36-0022	7422600	1308101	9-69	2	305	19,450	3.34	649	218	15,475	3.56	551	11-72		40	997	-.05	28	64
74-36-0022	7454540	1330987	10-69	1	305	20,750	3.80	788	164	16,350	3.45	564	4-72		36	629	.07	33	53
74-36-0022	7454543	1330987	10-69	1	305	23,850	3.81	908	154	16,510	3.50	578	3-72		36	851	.07	41	69
74-36-0022	7534948	1417208	11-69	2	267	20,940	3.52	738	186	16,245	3.53	574	2-73	B	40	841	.00	31	60
74-36-0022	7534955	1417208	12-69	1	285	19,780	3.80	752	148	16,210	3.44	558	5-72		36	642	.03	28	50
74-36-0022	7534964	1496121	10-69	2	198	19,925	3.81	759	180	15,885	3.56	565	1-73	B	29	685	.03	29	52
74-36-0022	7534974	1496121	11-69	1	305	22,160	3.47	769	120	16,200	3.54	574	3-72		24	749	-.03	23	50
74-36-0022	7559636	1308101	1-70	1	305	19,010	3.58	680	187	15,000	3.47	521	8-72		36	917	-.01	31	63
74-36-0022	7559637	1308101	1-70	1	305	19,210	3.64	699	145	16,420	3.44	565	5-72		36	847	-.01	29	59
74-36-0022	7667414	1553341	4-70	1	305	21,780	3.39	739	184	15,310	3.46	529	7-72		22	750	-.01	25	51
74-36-0022	7748401	1510474	10-70	1	305	25,340	3.11	787	188	16,040	3.52	565	1-73		24	904	-.05	25	58
74-36-0022	7748406	1417208	11-70	1	305	20,800	3.56	741	209	16,010	3.54	566	1-73		36	730	.00	27	52
74-36-0022	7837467	1308101	2-71	1	305	18,740	3.46	648	75	16,350	3.48	569	4-73		36	817	-.03	25	54
74-36-0027	7091614	1261857	7-66	4	302	17,353	3.79	658	29	14,895	3.56	530	12-72		44	609	.08	34	53
74-36-0027	7360703	1261857	8-67	3	305	16,383	3.89	638	32	14,143	3.63	513	10-72		42	552	.09	33	50
74-36-0030	6124158	1403342	8-64	7	294	20,187	3.04	613	58	15,086	3.47	523	11-72		36	1,097	-.12	21	62
74-36-0030	7119938	1387978	9-68	2	305	21,020	3.34	702	100	15,925	3.28	522	1-72		40	938	-.01	32	65
74-36-0030	7178235	1497712	10-68	2	305	20,120	3.85	775	140	15,850	3.34	530	11-72		30	594	.08	33	52
74-36-0030	7178240	1392858	10-68	2	305	24,215	3.26	790	126	15,535	3.37	523	9-72		40	1,071	-.01	37	75
74-36-0030	7236223	1510616	9-68	2	305	21,690	3.14	682	106	15,395	3.37	519	7-72		31	963	-.07	24	59
74-36-0030	7712952	1308101	12-69	1	305	19,720	3.42	674	84	15,670	3.30	517	1-72		36	930	-.02	30	63
74-39-0007	7484641	1427381	9-69	2	305	19,080	3.56	680	15	15,880	3.24	515	1-73		40	1,018	.06	46	80
74-39-0007	7524026	1505138	11-69	1	305	25,890	2.92	755	16	16,960	3.33	564	12-72		19	893	-.08	19	52
74-39-0014	7065722	1352979	2-68	3	305	21,043	3.06	643	17	12,023	3.55	427	9-72		42	1,253	-.13	24	71
74-39-0014	7446908	010259958	5-67	2	305	21,350	3.41	727	23	13,215	3.48	460	9-72		40	759	-.01	26	53
74-39-0021	7714601	1450692	9-70	1	305	22,180	4.01	889	19	17,990	3.58	644	1-73		35	738	.06	35	59
74-39-0021	7896218	1308101	3-71	1	299	20,570	3.61	742	11	18,200	3.54	645	2-73		36	843	-.01	28	58
74-74-0012	7449996	1308101	8-69	1	301	20,950	3.46	724	32	16,860	3.31	558	1-73		36	951	-.01	32	65
74-74-0012	7449999	1308101	10-69	2	295	18,600	3.38	628	38	14,695	3.49	513	10-72		40	974	-.04	29	64
74-74-0012	7450000	1308101	10-69	1	305	20,710	3.43	710	18	15,990	3.41	546	3-72		36	985	-.03	31	66
74-74-0012	7614152	1392858	5-70	1	304	23,070	2.91	672	28	15,450	3.26	504	7-72		36	763	-.03	23	50
74-74-0018	6906196	1360517	10-67	2	305	18,680	3.52	657	34	14,610	3.40	497	8-71		30	719	.00	26	51
74-74-0018	6950760	1360517	9-67	2	305	18,780	3.65	685	26	15,105	3.51	530	2-72		30	684	.01	26	50
74-74-0018	7201547	1387978	10-68	2	305	20,155	3.50	705	27	15,255	3.51	536	8-72		40	904	-.01	31	63
74-74-0018	7201549	1516556	11-68	2	305	20,230	3.24	655	41	15,775	3.41	538	7-72		34	931	-.06	24	58
74-74-0018	7227267	1387978	12-68	2	305	19,555	3.50	685	29	15,745	3.43	540	7-72		40	804	-.01	28	56
74-74-0018	7432476	1360517	10-69	1	305	22,360	3.35	749	19	15,920	3.54	564	4-72		25	851	-.04	25	56
81-07-0851	7348024	1417208	9-68	2	295	21,325	3.05	650	16	16,115	3.25	524	4-72		40	890	-.04	26	58
81-16-0031	7470337	1427381	10-68	2	305	24,615	3.03	746	39	15,560	3.28	510	3-72		40	1,605	-.02	54	111
81-16-0031	7470340	1427381	4-69	2	299	20,275	3.16	640	41	15,215	3.25	494	5-72		40	1,193	.01	44	85
81-16-0031	7470341	1427381	7-69	2	295	19,660	3.16	621	42	15,485	3.23	500	5-72		40	1,109	.01	42	80
81-16-0031	7825844	1427381	7-69	2	304	20,465	2.90	593	42	15,880	3.32	527	11-72		40	1,158	-.03	37	78
81-16-0031	7870695	1427381	10-69	2	305	19,830	3.47	688	33	16,045	3.28	527	3-73		40	1,080	.05	46	82
81-16-0185	6541830	1450828	1-66	5	305	20,364	3.62	738	33	14,810	3.59	531	1-73		32	887	.01	33	64
81-16-0185	7091366	1385225	7-68	2	305	20,735	3.61	749	23	16,175	3.69	597	4-72		40	866	-.01	30	60
81-16-0515	7145577	1513643	9-68	2	274	19,170	3.82	733	21	15,380	3.63	558	8-72		32	743	.00	27	53
81-16-0801	6408093	1330987	10-65	5	291	19,220	4.02	772	18	17,026	3.73	635	7-72		44	586	.08	34	52
81-16-9039	7240077	1471445	7-68	3	305	20,050	3.26	654	52	14,580	3.82	557	10-72		42	785	-.05	21	50
81-16-9039	7334571	1427381	1-69	2	305	16,770	4.20	705	45	14,770	3.78	558	12-72		40	873	.09	45	73
81-16-9039	7508478	1427381	7-69	1	305	18,750	3.65	685	18	15,040	3.78	569	3-72		36	993	.03	41	75
81-16-9113	7115137	1330987	4-68	3	305	21,450	3.58	768	22	17,030	3.39	578	2-73		42	814	.06	38	65
81-16-9113	7235261	1330987	7-68	3	304	21,330	3.46	737	36	17,426	3.40	593	10-72		42	764	.04	33	59
81-16-9113	7235262	1330987	7-68	3	297	21,390	3.47	743	32	17,363	3.41	592	10-72		42	776	.04	34	60
81-16-9113	7404160	1330987	6-69	2	305	21,980	3.12	685	35	17,690	3.43	607	8-72		40	757	-.01	25	52

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D	(%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
81-16-9187	7101946	1463804	6-68	3	305	21,033	3.68	775	27	16,126	3.74	603	1-73		33	744	-.02	24	$ 50
81-16-9187	7101952	1503755	7-68	3	305	20,106	3.72	748	37	16,013	3.72	595	1-73		32	758	.00	27	53
81-16-9512	7646717	1427381	6-70	1	305	18,740	3.79	711	47	14,310	3.63	520	8-72		36	1,036	.06	46	81
81-16-9513	6884912	1458744	9-67	3	298	17,926	3.88	695	31	15,350	3.59	551	1-73		42	699	.03	30	54
81-16-9513	7745952	1447414	6-70	1	305	21,980	3.29	724	66	14,700	3.55	522	10-72		36	1,150	-.06	32	74
81-16-9846	7736181	1549712	12-69	2	305	17,810	4.44	790	10	14,580	3.55	518	1-73		29	414	.19	43	53
81-24-0032	6584036	1420230	3-66	4	305	20,563	3.30	679	15	14,028	3.62	508	5-72		30	976	-.06	26	61
81-41-7576	7535003	1427381	10-69	2	305	16,705	3.35	559	5	12,460	3.71	462	12-72		40	1,054	.00	38	75
81-41-7576	7535007	1427381	12-69	1	305	16,160	4.32	698	10	12,100	3.97	480	8-72		36	975	.08	47	79
81-41-7576	7568549	1427381	11-69	1	305	20,660	3.84	794	9	12,170	3.88	472	10-72		36	1,306	.05	55	99
82-11-0218	6593345	1399850	5-66	5	305	19,038	3.79	721	38	15,336	3.66	561	2-73		44	566	.08	32	50
82-11-0218	7018876	1520633	11-67	4	305	23,372	3.16	738	31	17,522	3.54	620	2-73		33	1,119	-.10	25	66
82-11-0218	7472756	1520633	10-68	3	305	23,566	3.29	776	29	17,700	3.59	636	2-73		32	1,072	-.07	27	66
82-11-0218	7508603	1386406	6-68	2	305	22,590	3.61	815	37	18,165	3.52	639	4-72		40	721	.03	30	54
82-11-0218	7508606	1386406	9-68	2	305	21,535	3.81	821	37	18,165	3.52	639	4-72		40	614	.05	30	50
82-11-0218	7645888	1438535	4-70	1	305	26,060	3.06	798	42	19,240	3.59	690	6-72		35	912	-.04	27	60
82-11-0218	7667666	1520633	5-70	1	305	26,670	3.07	819	39	19,550	3.51	687	5-72		23	945	-.08	21	56
82-11-0244	6349584	1179372	12-64	6	300	20,162	3.58	721	7	15,507	3.70	574	8-72		44	804	.00	29	57
82-12-0140	7480449	1521958	10-69	2	305	22,105	3.44	760	23	16,110	3.59	578	2-73		32	866	-.01	30	60
82-12-0140	7770708	010288790	1-71	1	305	20,680	3.35	693	24	17,010	3.63	617	3-73		34	630	.04	29	50
82-12-5119	6024223	1271075	11-63	6	305	20,060	3.39	680	24	17,225	3.73	642	11-72		44	818	-.05	21	51
82-12-5119	7550669	1427381	5-69	2	305	20,990	3.58	752	33	16,355	3.64	596	7-72		40	1,173	.03	47	87
82-12-5140	7144270	010288790	8-68	3	303	18,593	3.77	701	28	15,026	3.73	560	8-72		41	712	.07	37	60
82-12-5140	7349571	010288790	2-69	2	305	19,155	3.69	707	28	16,520	3.49	576	5-72		38	605	.09	35	54
82-12-9122	6887603	1493686	7-67	3	305	19,450	3.82	743	20	15,266	3.65	557	3-73		42	858	.05	39	68
82-12-9122	7452043	1458744	6-69	1	305	21,060	3.27	688	25	16,410	3.43	563	2-72		36	798	-.03	24	53
82-14-0111	6845780	1466344	11-66	4	303	20,565	3.38	696	25	16,047	3.58	575	3-72		35	803	-.04	23	52
82-14-0111	7008991	1386406	2-68	3	305	19,593	3.79	743	20	15,733	3.58	564	5-72		42	663	.05	31	53
82-14-0153	5889835	1192713	1-63	4	305	21,358	3.26	696	28	15,205	3.59	546	1-73		44	978	-.06	26	62
82-14-0225	6192750	1407408	11-64	6	305	21,470	3.36	721	18	17,388	3.48	605	12-72		36	785	-.03	23	51
82-14-0225	6192751	1407408	11-64	6	305	22,358	3.41	762	19	17,565	3.49	613	3-72		36	896	-.03	28	60
82-14-0225	7065045	1438285	3-68	2	305	20,355	3.23	657	26	15,885	3.50	556	7-72		34	919	-.06	23	57
82-14-0225	7522875	1427381	7-69	2	305	18,815	3.39	638	20	16,080	3.52	566	7-72		40	974	.02	38	71
82-14-0225	8012880	1427381	2-70	1	305	17,630	3.82	673	18	14,870	3.46	515	7-72		36	920	.06	43	73
82-14-0271	6874608	1519952	8-67	4	303	21,278	3.36	715	22	16,278	3.68	599	11-72		30	811	-.06	20	50
82-15-0269	7476026	1410733	7-69	2	303	24,710	3.68	910	12	18,205	3.68	670	7-72		40	984	.00	36	70
82-15-0269	7636546	1450228	3-70	1	305	21,560	3.33	719	10	17,570	3.57	628	4-72		36	846	-.05	23	54
82-15-0269	7767487	1447414	9-70	1	305	26,850	2.98	800	15	18,440	3.60	663	10-72		36	1,290	-.10	30	78
82-17-0127	6477090	1315612	2-66	5	296	20,846	3.48	725	9	14,512	3.71	539	2-73		44	770	-.02	25	52
82-17-5278	6967511	1417208	9-67	3	305	18,910	3.46	654	11	14,577	3.87	564	2-72		42	817	-.03	24	53
82-19-0193	7030692	1261857	4-67	3	305	18,623	3.36	625	11	15,150	3.50	531	12-72		42	717	.03	30	54
82-19-0193	7030693	1261857	7-67	4	304	18,673	3.23	604	11	15,508	3.48	540	3-73		44	711	.01	27	52
82-20-5124	7918263	1422655	10-70	1	305	19,710	3.49	688	6	11,910	3.59	428	10-72		35	772	.01	30	57
82-26-0226	7721548	1427381	8-70	1	305	19,980	4.12	823	7	13,180	3.57	471	8-72		36	1,195	.09	57	96
82-29-0143	6872896	1458744	4-67	3	305	20,900	3.30	690	19	17,070	3.32	566	3-72		42	883	-.02	28	59
82-29-0143	7469497	1357743	8-69	2	305	21,165	3.56	754	24	15,045	3.36	506	2-73		40	729	-.01	25	51
82-29-0174	6161324	1423234	7-64	5	304	18,242	3.99	727	25	14,326	3.72	533	2-72		32	612	.06	31	51
82-29-0227	7102569	1242221	3-68	3	300	18,393	3.04	559	56	15,180	3.65	554	9-72		41	992	-.08	23	60
82-32-0119	7379387	1513643	1-69	2	290	17,775	3.80	675	12	13,515	3.62	489	2-73		32	754	.00	27	53
82-32-0122	7319188	1513643	10-68	1	305	21,940	3.55	779	5	15,620	3.52	550	4-73		27	867	-.03	27	58
82-32-0125	6889944	1373055	11-65	5	302	21,454	3.45	741	11	15,138	3.57	540	3-73		44	948	-.05	27	61
82-32-0125	7329210	1423320	3-69	1	305	23,540	3.45	813	22	16,130	3.74	604	7-72		35	659	.03	29	51
82-32-0128	7417000	1535850	5-69	2	305	23,025	3.60	828	11	16,890	3.61	609	5-72		32	851	.00	30	60
82-32-0128	7742272	1513643	4-70	1	305	21,080	4.07	858	9	16,110	3.66	589	10-72		27	760	.02	31	57
82-32-0155	7505633	1506184	4-69	2	297	21,380	3.59	768	17	15,370	3.50	538	2-73		29	894	.01	33	64
82-32-0155	7623701	1506184	6-69	2	291	20,625	3.58	738	16	15,585	3.48	542	3-73		29	782	.00	28	55
82-32-0174	6065023	1440550	2-64	2	305	21,225	4.22	896	8	15,235	3.67	559	3-73		25	774	.10	44	68
82-32-0174	6425422	1271075	5-65	3	305	17,207	4.36	750	28	15,437	3.69	570	1-73		42	620	.09	36	55
82-32-9141	7171878	1513643	10-68	2	305	21,005	3.61	758	14	15,875	3.70	588	1-73		32	908	-.04	27	60
82-32-9141	7682020	1438535	8-70	1	294	21,700	3.32	721	13	15,650	3.56	557	3-73		35	800	.01	30	58
82-32-9154	6992794	1432759	9-67	4	305	19,345	3.59	695	10	14,703	3.61	531	11-72		35	791	.01	30	57
82-32-9154	7161149	1517533	1-68	2	305	21,605	3.63	784	16	16,085	3.73	600	1-73		25	736	.00	26	52
82-33-9111	8016548	1427381	4-70	1	298	15,670	3.41	534	13	13,460	3.45	464	1-73		36	858	.03	36	65
82-33-9119	7273086	1440808	10-68	3	305	23,866	3.00	715	7	15,250	3.63	554	2-73		42	986	-.14	14	52
82-35-0261	6487763	1322863	1-66	5	304	19,382	3.27	633	17	14,702	3.48	511	2-72		42	854	-.05	23	54
82-36-0140	7348057	1466190	3-68	3	300	18,650	3.27	609	24	12,846	3.44	442	10-72		35	869	-.07	20	52
82-36-5261	7384480	1525876	8-69	2	301	21,260	3.54	752	7	15,860	3.56	565	7-72		25	715	.00	25	50
82-39-0118	7370137	1459098	4-69	2	305	17,565	3.53	620	12	13,100	3.57	468	5-72		38	1,076	-.04	33	71
82-39-0132	6917513	1271075	10-67	4	305	19,305	3.62	699	22	14,583	3.54	516	3-73		43	973	.01	36	70
82-39-0143	7700894	1433447	11-69	1	303	22,320	4.73	1055	20	15,210	3.68	559	3-73		35	668	.15	47	67
82-39-0143	8025666	1450228	9-70	1	305	19,190	3.43	658	21	15,150	3.73	565	1-73		36	814	-.05	22	52
82-39-5120	6534816	1223243	3-65	5	295	17,862	3.71	663	11	14,076	3.62	510	3-72		44	716	.01	27	52
82-39-5165	5714531	1199324	4-62	9	304	17,502	3.65	639	16	15,497	3.60	558	5-72		44	703	.00	25	50
82-39-5165	5943879	1282185	7-63	7	305	21,890	3.62	793	22	15,837	3.50	555	9-72		44	843	.01	32	61
82-39-5165	6168140	1330987	7-64	7	304	19,962	3.89	777	31	16,001	3.49	558	11-72		44	788	.10	43	68
82-40-0164	6027945	1199324	6-63	7	300	20,654	3.39	700	12	15,419	3.58	552	3-72		44	1,118	-.04	34	74
82-40-0164	6316685	1199324	4-65	2	288	18,650	3.59	669	17	16,360	3.50	573	1-72	H	40	721	.00	26	51
82-40-0164	6618962	1377954	6-66	5	259	17,928	3.69	661	14	15,606	3.53	551	11-72		44	645	.03	28	50
82-40-0164	7540762	1427381	7-69	2	305	18,830	3.38	637	14	15,795	3.48	549	3-73		40	999	.02	39	73
82-40-0164	7540765	1330987	11-69	1	305	22,040	3.13	689	19	15,750	3.47	546	1-72		36	761	.00	27	54
82-40-0164	7615243	1427381	1-70	1	305	16,740	3.82	640	24	15,150	3.55	538	8-72		36	837	.06	40	68
82-40-0164	7715671	1427381	5-70	1	294	19,800	3.77	747	24	15,150	3.55	538	8-72		36	1,065	.06	48	84
82-40-0243	7466654	1517422	9-69	1	305	19,830	3.05	605	14	14,680	3.39	498	11-71		27	853	-.07	20	51
82-40-0243	7544508	1517422	8-69	1	175	20,940	3.16	661	11	15,180	3.32	504	1-72	B	27	914	-.06	24	57
82-40-0243	7639195	1517422	10-69	2	305	21,810	3.56	777	16	15,260	3.43	523	12-72		32	1,153	-.01	40	80

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C	REPT	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
82-40-0243	7651552	1517422	1-70	2	305	18,365	3.75	688	16	15,295	3.39	519	1-73		32	753	.02	30	$ 56
82-40-0243	7823226	1517422	12-70	1	305	20,940	3.40	711	13	15,750	3.41	537	2-73		27	875	-.04	26	57
82-40-0273	7804912	1450228	1-71	1	300	20,770	3.46	718	20	15,050	3.45	519	2-73		36	937	-.02	30	63
82-40-0285	7101316	1330987	5-68	3	300	20,980	3.10	651	6	15,146	3.16	479	6-72		42	933	.00	34	66
82-40-0296	7521434	1505857	3-70	1	305	18,280	3.51	642	5	12,640	3.46	437	10-72		26	710	.00	26	51
82-41-0019	6865678	1261857	5-67	4	305	16,853	3.96	668	26	13,368	3.94	527	1-73		44	698	.07	36	59
82-41-0021	6685834	1437633	6-66	5	292	17,984	3.26	587	58	13,602	3.68	501	11-72		42	974	-.09	21	57
82-41-0021	7512835	1517076	6-69	2	305	20,435	3.45	705	70	13,995	3.83	536	9-72		29	799	-.04	22	51
82-41-0029	6927808	1462036	10-67	2	298	24,470	3.44	841	17	18,385	3.63	667	4-73		35	824	-.05	22	52
82-41-0029	7071112	1330987	1-68	2	290	20,650	3.89	803	17	17,135	3.71	636	1-73		40	667	.07	35	56
82-41-0029	7552356	1330987	8-69	1	305	25,410	3.60	914	27	16,810	3.55	597	6-72		36	949	.04	40	72
82-41-0029	7801440	1427381	9-70	1	305	22,410	3.82	857	10	19,680	3.74	737	4-73		36	989	.05	44	77
82-48-5121	7641828	1427381	11-69	1	305	19,050	3.41	649	5	13,520	3.43	464	8-72		36	1,106	.03	45	83
82-49-0146	6775920	1475283	1-67	3	305	25,400	3.31	841	24	16,130	3.62	584	4-72		29	1,364	-.06	39	88
82-49-0146	7918192	1427381	10-69	1	305	21,800	3.59	782	44	16,470	3.82	629	1-72		36	1,135	.03	45	84
82-49-0160	7508342	1427381	5-69	2	225	18,080	4.24	766	13	15,900	3.50	557	3-73	B	40	915	.12	52	81
82-49-0160	7508344	1427381	9-69	2	288	17,340	3.81	661	17	15,305	3.55	544	11-72	B	40	888	.06	42	71
82-49-0207	6667418	1261857	7-66	4	305	18,888	3.43	648	10	16,108	3.60	580	5-72		44	678	.02	28	51
82-49-5160	7508343	1427381	5-69	1	305	17,980	3.54	637	18	15,050	3.51	528	2-72		36	935	.04	40	72
82-52-0119	7415400	1427381	9-69	2	305	19,915	3.82	760	46	17,200	3.44	591	12-72		40	995	.08	48	81
82-52-0119	7555803	1427381	1-70	1	289	22,400	3.36	752	34	17,390	3.36	585	4-72		36	1,125	.03	45	83
82-52-0119	7555807	1427615	11-69	2	305	23,460	2.60	611	40	16,950	3.47	589	1-73		40	1,147	-.22	6	52
82-52-0119	7710020	1427381	5-70	1	301	18,150	3.79	688	28	16,310	3.46	565	7-72		36	873	.07	42	71
82-52-0139	7578402	1427381	12-69	1	305	16,590	3.95	655	34	14,610	3.74	546	1-72		36	858	.06	40	68
82-52-0139	7578404	1427381	1-70	2	301	18,945	3.73	706	24	15,035	3.70	557	3-73		40	1,073	.05	46	82
82-52-0139	7578406	1427381	2-70	2	300	17,140	4.32	740	23	15,240	3.69	562	4-73		40	873	.11	49	77
82-52-0173	6346975	1271075	11-64	6	302	20,153	3.22	648	10	15,770	3.51	553	11-72		44	982	-.05	27	63
82-52-0173	7840779	1447414	11-70	1	296	20,500	3.27	671	10	18,070	3.56	642	3-73		36	839	-.06	21	52
82-52-5155	7134406	1493686	8-68	2	167	18,150	3.46	628	21	14,600	3.32	484	7-72	H	40	735	.03	31	56
82-66-0037	7469499	1427381	8-69	2	305	20,090	3.27	656	8	17,745	3.61	641	1-73		40	969	-.01	34	68
82-66-5004	8033372	1450228	11-70	1	146	22,720	3.57	811	33	18,020	3.89	701	12-72	B	36	906	-.04	26	59
82-66-5037	7434212	1447414	11-69	1	305	20,050	3.55	711	7	18,290	3.48	636	2-72		36	793	-.02	25	53
82-66-5038	7444599	010282293	11-69	1	305	22,220	3.80	845	30	13,690	3.78	518	11-72		33	798	-.01	27	55
82-71-0001	6851694	1406271	8-66	3	305	16,933	4.16	705	9	15,367	3.37	518	10-72		42	559	.12	39	55
82-71-0001	7167033	1357743	8-68	2	305	21,640	3.32	718	11	15,150	3.29	499	9-72		40	768	-.04	22	50
83-15-9100	7166369	1308101	9-68	3	301	23,510	2.87	675	28	15,093	3.30	498	11-72		42	1,536	-.11	37	93
83-15-9100	7166371	1392858	9-68	2	305	19,935	3.18	633	21	14,755	3.16	466	3-72		40	700	.01	26	50
83-15-9100	7328966	1392858	5-69	2	305	22,970	3.06	703	16	15,845	3.17	502	5-72		40	920	-.02	30	63
83-15-9100	7815911	1450692	8-70	1	297	20,080	4.18	840	19	16,370	3.19	522	7-72		35	678	.10	39	60
83-15-9100	7815914	1450692	11-70	1	305	21,480	3.28	705	29	17,480	3.32	581	10-72		35	716	.00	25	50
83-15-9100	7821880	1450692	2-71	1	305	20,610	3.57	736	12	16,890	3.43	580	3-73		35	686	.02	27	51
83-15-9100	7852169	1450692	11-70	1	288	21,970	3.28	721	29	17,480	3.32	581	10-72		35	753	-.01	26	52
83-15-9100	7852171	1450692	9-70	1	305	21,980	3.50	769	33	17,410	3.27	570	9-72		35	758	.02	31	57
83-15-9100	7852172	1306059	9-70	1	305	27,080	2.53	685	29	17,800	3.36	598	11-72		35	992	-.11	19	56
83-16-0138	6507681	1452344	9-65	2	305	20,250	3.50	709	11	14,035	3.38	475	5-72		25	772	.01	29	56
84-02-0010	6046553	1395679	1-64	1	305	21,350	3.30	704	59	12,320	3.43	422	12-71		23	789	-.03	24	52
84-02-0010	7196986	1505223	10-68	2	305	17,865	3.20	571	85	11,395	3.41	388	10-72		29	808	-.05	22	51
84-02-0016	7646205	1427381	2-70	1	305	18,020	3.46	624	65	15,780	3.45	544	5-72		36	894	.04	38	68
84-03-0101	7277905	1427381	1-69	2	292	18,530	3.61	669	16	15,250	3.65	557	6-72		40	1,013	.04	42	76
84-03-0102	6908723	1466277	9-67	3	300	20,430	3.36	686	13	16,326	3.43	560	2-72		33	785	-.03	24	52
84-03-0347	6927535	1315578	10-67	3	305	20,397	3.91	797	38	17,837	3.64	650	5-72		42	515	.12	37	52
84-03-0347	7218478	1486044	12-68	2	305	20,965	4.03	845	42	18,125	3.63	658	4-72		29	637	.05	31	52
84-03-0347	7520131	1308101	8-69	1	305	22,530	3.79	854	48	19,180	3.77	724	2-72		36	930	-.02	31	64
84-03-0358	6598895	1466277	8-66	4	305	17,547	3.66	642	38	13,727	3.71	509	11-72		35	710	.00	25	50
84-03-0358	7109713	1387978	1-68	2	305	20,930	3.68	770	34	14,655	3.57	523	3-72		40	1,032	.01	38	74
84-03-0405	6393298	1457368	10-65	5	301	18,174	3.71	674	5	14,436	3.80	548	8-72		38	804	.01	30	58
84-03-0405	6773343	1457368	1-67	3	305	22,283	3.57	796	5	16,396	3.71	609	11-72		35	1,091	-.01	38	76
84-03-0509	5767664	1001748	12-62	4	294	23,258	3.85	895	21	16,755	3.66	614	4-72		44	573	.09	34	52
84-03-0509	6329017	1237057	3-65	1	305	25,790	3.93	1014	18	15,010	3.98	597	10-72		36	1,017	-.02	34	70
84-03-0509	6594715	1261857	8-66	4	298	18,343	3.79	695	32	15,503	3.66	567	4-72		44	671	.07	35	57
84-03-0509	7602554	1399607	4-70	1	305	23,810	4.11	978	23	15,530	3.95	613	8-72		36	682	.04	31	54
84-03-0509	7661660	1432733	2-70	1	305	22,650	3.85	873	23	15,570	3.96	617	8-72		36	861	.00	31	61
84-03-0514	5867367	1405612	6-63	6	297	23,012	3.09	712	112	15,888	3.44	547	4-73		36	1,373	-.11	32	83
84-03-0514	6629286	1386406	11-64	5	303	19,558	3.98	778	9	16,438	3.66	601	2-72		44	636	.07	34	54
84-03-0514	7452360	1517666	8-69	1	305	20,640	3.63	749	18	13,340	3.89	519	6-72		24	798	-.04	23	52
84-03-0514	7468183	1435690	9-69	2	283	22,060	3.83	845	20	16,365	3.59	587	2-73	B	40	586	.10	37	55
84-03-0514	7633384	1427615	11-69	1	305	19,980	4.11	822	21	13,570	3.84	521	7-72		36	929	-.05	25	59
84-03-9100	6866230	1475201	4-67	2	300	22,600	3.20	723	28	17,330	3.50	607	10-72		32	1,009	-.08	24	61
84-03-9100	7646204	1427381	2-70	1	305	21,020	3.25	683	29	16,310	3.34	551	8-72		36	1,074	.02	42	79
84-03-9100	7660516	1513638	12-68	3	302	20,820	3.38	704	14	16,976	3.36	570	3-73		33	772	-.01	26	53
84-03-9142	5467981	1189870	10-61	3	305	22,893	3.90	893	18	15,053	3.87	583	10-72		42	1,073	.04	45	81
84-03-9142	6769804	1249430	11-66	3	305	21,777	3.70	806	21	14,950	4.04	604	7-72		42	868	-.01	29	60
84-03-9144	6096650	1392106	3-64	6	305	25,325	3.34	846	23	15,996	3.61	577	1-73		43	1,279	-.07	35	81
84-03-9144	7218957	1397209	10-68	2	305	23,710	3.43	813	16	14,590	3.69	539	8-72		40	1,183	-.05	35	77
84-03-9210	8145605	1427381	7-70	1	305	19,180	3.57	684	11	15,550	3.68	573	1-73		36	995	.03	41	75
84-03-9286	7466257	1427381	11-68	2	290	19,775	3.65	721	28	14,700	3.54	521	1-72		40	1,184	.05	50	90
84-03-9286	7466261	1417208	7-69	2	305	20,025	3.80	760	30	15,440	3.63	561	2-73		40	813	.03	34	62
84-03-9307	6708631	1315578	2-66	4	305	19,773	4.14	819	83	16,328	3.75	612	10-72		44	611	.15	45	63
84-03-9307	7064849	1315578	1-68	2	297	21,935	3.88	852	82	18,595	3.66	681	11-72		40	571	.11	38	55
84-03-9307	7144710	1281628	8-68	2	305	23,980	3.83	918	93	17,000	3.64	619	4-72		40	770	.01	29	56
84-03-9307	7340616	1182696	3-69	2	305	24,610	3.63	894	78	18,490	3.72	688	11-72		40	954	.01	36	69
84-03-9307	7458915	1463175	10-69	2	294	24,385	3.36	820	88	18,925	3.66	693	12-72		38	801	-.04	22	51
84-03-9307	7507328	1392858	9-69	2	287	22,940	3.67	843	59	18,270	3.68	673	4-73		40	720	.03	31	55
84-03-9307	7566692	1513638	1-70	1	305	25,440	3.82	972	90	17,360	3.80	660	8-72		25	983	.02	38	72
84-03-9307	7841614	1513638	11-70	1	305	25,360	3.74	948	60	18,480	3.80	702	2-73		25	897	.00	33	64

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
84-03-9308	7340615	1308101	3-69	2	304	20,215	3.32	672	29	15,350	3.57	548	10-72		40	1,085	-.06	30	$ 69
84-03-9422	6318294	1439130	5-65	6	302	19,945	3.76	750	31	15,822	3.56	563	1-73		32	692	.04	31	54
84-03-9422	6621206	1429821	3-66	4	305	22,917	3.32	760	23	16,982	3.57	606	4-73		39	975	-.06	22	58
84-03-9422	7291074	1308101	3-69	2	305	21,095	3.49	736	31	16,765	3.53	592	9-72		40	1,059	-.03	33	71
84-03-9422	7346905	1308101	1-69	2	305	21,730	3.57	775	27	17,140	3.54	607	3-72		40	1,093	-.02	36	75
84-03-9422	7566453	1365341	10-69	1	305	25,040	3.40	852	38	17,730	3.50	620	9-72		36	1,096	-.03	35	74
84-03-9480	6473036	1329588	8-65	5	305	19,618	3.63	713	8	15,582	3.54	552	2-73		44	730	.00	26	51
84-03-9480	7633018	1427381	5-70	1	305	17,150	3.97	681	16	14,780	3.81	563	9-72		36	889	.06	41	71
84-03-9807	6085343	1243141	2-64	6	305	19,092	3.70	706	12	14,515	3.75	545	4-73		40	740	-.01	25	51
84-03-9807	7290195	1503923	10-68	3	305	21,880	3.41	746	7	15,683	3.80	596	1-73		33	1,110	-.06	30	70
84-03-9807	7290199	1503923	4-69	2	305	25,455	3.61	918	9	14,780	3.96	586	11-72		30	1,527	-.04	49	103
84-03-9807	7444144	1503923	6-69	2	305	19,990	3.63	726	9	15,790	3.83	604	10-72		30	790	-.02	25	53
84-03-9837	7641006	1503923	4-70	1	305	23,350	3.49	815	10	14,760	3.86	569	7-72		25	1,050	-.04	32	70
84-03-9815	6232442	1406271	8-64	5	305	18,968	3.50	663	150	16,066	3.62	581	2-72		44	760	.01	29	55
84-03-9815	6876967	1473442	12-66	3	305	22,377	3.53	791	77	15,220	3.67	559	11-72		41	1,157	-.05	34	76
84-03-9815	6876973	1473442	7-67	2	305	23,430	3.14	736	81	15,700	3.64	571	4-72		39	1,140	-.11	24	66
84-03-9815	6876975	1473442	7-67	2	305	22,745	3.40	774	81	15,195	3.74	568	9-72		39	1,111	-.08	28	69
84-03-9815	6954154	1473442	11-67	3	305	20,847	3.22	671	63	15,623	3.71	580	2-73		41	940	-.10	18	53
84-03-9815	7064296	1488000	3-68	2	305	23,225	3.10	721	118	15,625	3.70	578	11-71		29	1,049	-.11	20	59
84-03-9815	7195293	1488000	8-68	2	305	21,820	3.22	703	92	15,125	3.73	564	9-72		29	929	-.09	19	54
84-03-9815	7760007	1473442	10-70	1	305	23,570	3.63	856	66	15,110	3.79	573	1-73		35	993	-.04	29	65
84-03-9815	8099168	1473442	5-70	1	305	19,690	4.18	823	84	14,410	3.91	564	10-72		35	739	.00	27	53
84-04-0035	6840313	1315578	7-67	4	284	17,985	3.40	612	50	14,265	3.31	472	9-72		44	594	.08	33	52
84-04-9010	7066268	1308101	4-68	3	305	19,053	3.42	651	27	14,657	3.42	501	6-72		42	1,063	-.03	34	72
84-04-9010	7167791	1371548	6-68	3	305	19,523	3.66	715	15	14,423	3.47	500	4-73		42	664	.02	27	50
84-04-9038	6907863	1315578	11-66	3	305	22,907	3.66	838	24	15,463	3.33	515	3-72		42	1,022	.11	54	87
84-04-9038	7339747	1478038	4-68	2	305	20,515	3.18	653	15	12,930	3.33	431	9-72		30	999	-.06	27	63
84-04-9038	7946279	1478038	4-70	1	301	22,070	3.22	711	12	13,400	3.35	449	8-72		24	897	-.05	25	57
84-06-0002	7627538	1450692	3-70	1	305	22,180	3.50	776	33	17,840	3.33	594	3-72		35	748	.02	30	56
84-06-0085	7134961	1458744	9-68	2	305	21,500	3.24	697	28	14,860	3.50	520	12-71		40	1,079	-.05	31	70
84-06-0093	7468391	1315578	9-68	3	291	23,100	3.80	877	5	15,783	3.52	556	10-72		42	1,015	.12	55	87
84-06-0102	8132661	1473442	7-70	2	296	22,490	3.63	816	15	17,525	3.60	631	4-73		39	891	-.03	27	59
84-06-0128	7618382	1308101	8-69	2	305	21,460	3.35	719	9	15,450	3.49	539	9-72		40	1,203	-.05	36	79
84-06-9007	6198634	1371769	8-64	3	305	21,613	3.72	805	32	17,393	3.39	590	11-72		32	621	.06	31	51
84-06-9007	6632276	1450228	8-66	4	299	25,857	2.88	744	28	16,250	3.53	574	3-72		44	1,674	-.15	36	98
84-06-9007	6959693	1371548	10-67	3	305	21,977	3.53	776	42	16,877	3.51	593	8-72		42	721	-.01	25	50
84-06-9012	5982833	1244009	10-63	6	305	22,113	3.44	760	44	17,898	3.61	646	2-72		44	975	-.06	26	61
84-06-9012	6417662	1405271	10-65	5	305	20,308	3.88	787	50	17,898	3.63	649	10-72		44	744	.07	38	62
84-06-9012	6567900	1276654	4-66	4	305	22,615	3.49	790	40	17,585	3.65	641	6-72		44	810	-.03	25	54
84-06-9012	6672493	1466757	8-66	3	305	26,470	3.29	871	42	18,043	3.67	663	11-72		41	1,460	-.08	40	93
84-06-9012	6672499	1435684	7-66	4	305	20,328	4.07	828	41	17,740	3.66	650	1-73		35	505	.11	35	50
84-06-9012	6881571	1466757	9-67	4	305	22,367	3.50	783	42	18,820	3.67	691	1-73		42	930	-.03	28	61
84-06-9012	7123584	1495598	8-68	3	305	23,407	3.84	899	48	18,740	3.69	691	2-73		32	970	.03	39	72
84-06-9012	7202781	1466757	10-68	2	305	23,375	3.53	826	40	18,090	3.64	659	5-72		38	1,020	-.02	33	69
84-06-9012	7415113	1466757	9-69	2	305	21,325	3.38	721	44	18,045	3.74	674	11-72		38	809	-.06	20	50
84-06-9012	7463188	1466757	11-69	2	305	21,330	3.76	803	43	18,800	3.68	692	1-73		38	746	.00	27	53
84-06-9012	7670061	1466757	10-70	1	305	21,270	3.66	822	40	17,220	3.60	620	3-73		34	774	.01	30	57
84-06-9092	6648760	1446865	11-66	3	305	21,930	3.27	718	26	17,243	3.30	569	2-72		33	919	-.04	27	60
84-06-9092	7402321	1308101	2-69	2	305	22,170	3.30	731	35	16,615	3.47	576	11-72		40	1,181	-.05	34	77
84-06-9092	7903845	1458744	3-71	1	305	21,400	3.19	683	21	16,850	3.40	573	4-73		36	797	-.04	23	52
84-06-9208	5017703	1276178	12-59	6	305	23,175	3.34	775	17	16,915	3.42	579	3-72		36	896	-.03	28	60
84-07-9068	5804260	1189870	12-62	6	265	21,627	3.43	742	25	16,305	3.69	601	11-72	B 44		885	-.02	28	59
84-07-9068	5978765	1392858	9-63	6	284	26,371	3.36	886	24	16,981	3.63	616	2-72		44	1,432	-.03	47	98
84-07-9068	6160059	1237057	10-64	7	208	21,868	3.61	790	34	15,904	3.54	563	5-72	B 44		985	-.02	32	67
84-07-9068	6570463	1450228	4-66	5	305	21,440	3.45	739	24	16,898	3.46	584	2-73		44	1,086	-.03	34	73
84-07-9068	6603095	1450228	8-66	4	242	20,970	3.38	709	28	16,977	3.48	590	12-72	B 44		999	-.04	30	66
84-07-9068	6641839	1450228	10-66	4	305	20,992	3.25	683	26	16,857	3.47	585	3-72		44	1,014	-.06	27	64
84-07-9068	6704894	1450228	11-66	4	305	21,627	3.31	715	6	15,645	3.52	551	4-73		44	1,212	-.06	34	78
84-07-9068	6786947	1457368	10-66	3	305	21,596	3.40	735	9	14,763	3.57	527	10-71		35	1,172	-.03	38	80
84-07-9068	6977669	1450228	1-68	2	305	21,710	3.50	760	27	15,905	3.45	548	5-72		40	1,090	-.02	36	74
84-07-9068	7140995	1365341	5-68	3	267	16,320	3.75	612	44	14,046	3.70	519	1-73	B 42		707	.00	25	50
84-07-9075	6149914	1410449	10-64	5	305	22,468	3.68	827	43	18,000	3.47	625	3-73		35	763	.04	33	59
84-07-9075	6780254	1450228	1-67	4	305	19,122	3.78	722	36	16,265	3.59	584	10-72		44	841	.01	32	61
84-07-9075	6822482	1450228	1-67	3	305	21,163	3.53	747	45	17,463	3.46	604	5-72		42	950	-.01	32	65
84-07-9075	6838335	1457368	6-67	4	297	20,415	3.33	680	41	15,972	3.61	576	8-72		37	929	-.04	27	60
84-07-9075	6838336	1450228	6-67	4	297	18,677	3.74	698	34	16,380	3.60	590	11-72		44	775	.00	28	55
84-07-9075	6951253	1457368	11-67	4	298	22,585	3.44	777	35	18,895	3.43	649	1-73		37	906	.00	33	65
84-07-9075	7140043	1502025	7-68	2	305	21,345	3.77	804	39	16,750	3.51	588	8-72		30	774	.03	33	59
84-07-9075	7255890	1383004	8-68	3	305	24,463	3.36	822	19	16,357	3.55	580	3-73		42	925	.05	41	72
84-07-9075	7279932	1502025	11-68	3	305	23,443	3.37	789	34	18,950	3.48	660	3-73		33	886	-.04	26	58
84-07-9075	7347337	1450228	4-69	2	305	21,595	3.30	712	35	19,425	3.48	676	3-73		40	793	-.05	21	50
84-07-9075	7794080	1402118	10-70	1	305	26,700	3.59	959	43	20,020	3.45	690	1-73		35	752	-.01	26	52
84-12-0001	7037394	1476935	4-67	3	305	20,383	2.85	580	15	13,143	3.23	424	12-72		34	918	-.10	17	52
84-15-0007	6895064	1355784	7-67	3	305	18,670	3.56	665	14	15,683	3.46	542	12-72		42	814	-.05	21	51
84-20-0011	6086321	1237057	1-64	4	305	23,867	3.41	815	6	15,847	3.53	559	1-72		44	1,205	-.06	34	77
84-30-9001	6250554	1406271	12-64	6	305	18,737	3.36	630	31	16,163	3.45	557	11-72		44	721	.01	28	53
84-30-9001	6753256	1438285	11-66	5	305	18,482	3.30	610	29	15,208	3.44	523	8-72		39	841	-.05	23	53
84-30-9001	6842530	1438285	2-67	3	305	18,683	3.22	601	24	14,980	3.47	520	10-71		37	854	-.06	21	52
84-30-9001	6842533	1438285	2-67	4	305	18,957	3.26	618	26	15,660	3.40	533	10-72		38	840	-.05	22	53
84-30-9001	6842534	1438285	3-67	3	305	18,603	3.63	676	24	15,083	3.45	521	12-71		37	834	.00	30	59
84-30-9001	6842539	1461269	5-67	2	305	26,985	3.83	1034	18	16,130	3.45	556	3-72		30	1,471	.06	62	112
84-30-9001	6842540	1461269	5-67	3	305	24,467	3.38	828	25	15,767	3.46	546	8-72		33	1,333	-.04	42	89
84-30-9001	7158887	1450228	3-68	3	305	18,330	3.53	647	36	14,700	3.48	511	9-72		42	878	-.02	29	60
84-30-9001	7201048	1438285	10-68	3	303	21,750	3.35	729	25	15,160	3.35	508	10-72		37	1,224	-.06	38	79
84-30-9001	7201050	1438285	12-68	2	305	20,950	3.70	775	27	16,120	3.42	551	9-72		34	965	.01	37	70

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	.HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
84-30-9001	7412513	1406271	7-69	2	305	26,515	3.67	972	40	14,995	3.57	535	10-72		40	1,552	.04	63	$116
84-30-9001	7694713	1543583	4-70	1	111	24,150	3.28	792	33	15,810	3.49	551	6-72	B	26	835	-.06	21	52
85-01-9001	5913172	1010936	11-63	6	305	23,315	3.29	768	10	15,705	3.49	548	1-73		44	1,160	-.03	37	78
85-01-9001	6552310	1447453	2-66	3	305	22,363	3.32	742	12	16,503	3.55	586	1-72		29	889	-.05	24	56
85-01-9001	7442536	1261857	7-69	2	286	18,415	3.56	656	20	14,025	3.58	502	8-72		40	750	.05	34	59
85-01-9002	6307185	1410126	6-64	6	305	20,151	3.22	648	72	15,478	3.28	507	3-73		36	849	-.04	24	55
85-01-9002	7134129	1315578	4-67	4	297	18,153	3.43	622	77	14,793	3.35	495	10-72		44	563	.08	32	50
85-01-9002	7318756	1315578	12-68	3	300	20,403	3.20	653	58	16,163	3.34	540	3-73		42	670	.05	31	53
85-01-9002	7318762	1315578	1-69	2	305	19,585	3.85	755	69	15,095	3.31	499	6-72		40	617	.14	43	61
85-01-9002	7552463	1392858	10-69	2	297	20,760	3.74	777	91	15,080	3.42	516	10-72		40	758	.06	37	62
85-01-9002	7668974	1485550	6-70	1	291	24,160	3.36	811	73	16,550	3.41	565	12-72		35	937	-.08	21	56
85-01-9002	7668978	1557282	4-70	1	295	23,520	3.21	755	77	15,200	3.29	500	7-72		23	881	-.03	27	58
85-01-9002	7694039	1485550	9-70	1	305	24,180	3.65	883	73	16,550	3.41	565	12-72		35	938	-.05	26	60
85-03-0002	7750901	1450692	1-71	1	305	21,370	3.87	828	86	18,700	3.56	666	12-72		35	634	.04	29	50
85-03-9034	7403522	1308101	2-68	3	303	20,163	3.09	624	33	17,850	3.36	599	12-72		42	897	-.07	21	54
85-06-9001	5617331	1190799	8-61	6	305	21,180	3.89	824	47	15,353	3.65	560	1-72		38	1,133	.03	45	84
85-06-9001	6318406	1417720	1-65	5	305	19,556	3.51	686	60	15,914	3.66	583	2-72		40	782	-.04	22	50
85-06-9001	6862943	1457231	8-66	4	305	22,168	3.83	849	37	17,170	3.68	631	4-72		33	826	.07	40	67
85-06-9001	7059255	1480890	6-67	4	305	22,228	3.70	823	72	15,420	3.67	566	9-72		33	1,066	.02	41	78
85-06-9001	7172806	1432351	7-68	2	305	25,780	3.72	960	41	17,400	3.80	661	2-72		34	1,105	.00	39	78
85-06-9001	7191838	1440194	4-67	4	305	20,563	3.57	735	65	15,585	3.66	570	1-73		35	860	-.01	29	59
85-07-9014	7417440	1518086	9-69	2	305	19,135	3.43	656	81	13,965	3.49	488	10-72		38	840	-.05	23	53
85-07-9014	7471125	1427381	11-69	1	305	17,570	3.94	692	92	13,600	3.54	482	10-72		36	991	.07	47	80
85-07-9014	7716149	1427381	10-70	1	305	18,000	3.24	584	104	13,490	3.52	475	9-72		36	1,029	.01	39	75
85-07-9014	7795140	1427381	9-70	1	305	20,720	3.43	711	75	13,600	3.51	477	11-72		36	1,225	.03	49	91
85-32-9005	6669664	1494016	11-66	4	305	22,098	3.28	725	66	17,250	3.40	587	5-72		30	816	-.04	23	52
85-32-9005	6989997	1239242	12-67	3	305	22,293	3.31	738	99	17,217	3.43	590	8-72		42	789	-.03	23	51
85-32-9005	7174005	1399283	6-68	3	263	20,730	3.44	714	93	16,116	3.52	567	11-72		42	794	-.04	22	51
85-32-9005	7344849	1471968	10-67	4	273	25,207	3.32	836	126	17,507	3.63	635	1-73		38	1,330	-.09	33	82
85-32-9005	7362983	1357797	5-69	2	305	22,755	3.43	780	93	17,600	3.44	606	7-72		40	795	.08	41	67
85-32-9005	7470564	1458744	8-69	2	299	23,285	3.57	831	96	18,870	3.62	683	1-73		40	934	-.01	32	65
85-32-9005	7473873	1357797	8-69	1	305	22,920	3.69	846	127	18,530	3.44	638	1-72		35	612	.12	41	59
85-32-9005	7799446	1543237	6-70	1	305	26,240	3.28	861	122	18,460	3.46	639	2-72		19	812	-.03	24	53
85-32-9006	7063380	1308101	3-68	1	305	17,650	3.73	658	8	12,830	3.54	454	11-72		36	945	-.01	33	66
85-32-9006	7807169	1447414	3-71	1	305	20,380	3.42	696	7	15,740	3.13	492	3-73		36	969	-.02	32	66
86-01-0322	7929531	1471445	3-70	1	305	21,910	3.56	781	86	15,130	3.31	501	9-72		35	684	.04	31	54
86-01-0480	7200073	1451185	9-68	2	305	23,170	3.09	715	24	16,575	3.29	546	9-72		40	883	-.04	26	58
86-01-0402	7095086	1471530	2-68	3	305	21,050	3.45	726	5	16,320	3.33	543	8-72		33	806	.00	29	57
86-01-0482	7121559	1315578	5-68	2	305	20,960	4.03	845	33	19,160	3.42	656	12-72		40	427	.16	40	51
86-01-9005	7005424	1315578	10-67	4	295	19,455	3.77	733	65	16,010	3.55	568	10-72		44	603	.11	38	56
86-01-9005	7404389	1427381	9-69	1	162	22,120	3.08	682	72	16,500	3.50	578	11-71	B	36	1,157	-.01	40	81
86-01-9005	7545621	1427381	11-69	2	299	19,935	3.70	738	59	16,830	3.42	576	2-73		40	1,027	.06	47	81
86-01-9005	7545627	1427381	1-70	1	305	18,440	3.30	609	20	15,240	3.56	546	5-72		36	952	.02	37	70
86-01-9005	7660870	1427381	5-70	1	305	15,890	3.64	578	23	14,130	3.62	511	7-72		36	834	.05	37	65
86-01-9005	7715188	1427381	6-70	1	305	18,350	3.68	676	19	14,660	3.62	531	6-72		36	986	.05	43	76
86-01-9005	7715189	1427381	6-70	1	305	18,890	3.64	687	62	16,150	3.48	562	11-72		36	937	.05	42	73
86-01-9005	7768091	1427381	8-70	1	305	20,660	3.44	711	62	16,150	3.48	562	11-72		36	1,069	.03	43	80
86-01-9005	7822309	1299222	1-71	1	305	22,970	3.11	715	15	17,450	3.43	599	4-73		35	950	-.07	23	58
86-01-9022	6039308	1230610	10-63	6	299	22,560	3.62	817	85	16,467	3.58	590	8-72		37	896	.02	35	66
86-01-9022	6058504	1230610	12-63	5	300	22,930	3.32	762	68	16,284	3.54	576	11-72		37	972	-.04	29	64
86-01-9022	6340885	1230610	8-64	6	304	20,550	4.02	826	82	16,172	3.56	575	11-72		37	637	.11	39	59
86-01-9022	6340924	1261493	11-64	6	305	22,955	3.21	736	72	16,040	3.55	570	2-73		35	1,167	-.08	29	72
86-01-9022	6780911	1345230	5-65	3	305	21,927	3.43	753	73	15,997	3.48	556	7-72		32	915	-.01	32	64
86-01-9022	7132800	1253351	9-67	3	304	21,283	3.84	818	68	16,700	3.55	593	8-72		36	613	.08	34	53
86-01-9022	7248402	1522563	6-68	2	304	22,115	3.57	789	62	16,840	3.65	615	6-72		29	740	-.02	24	50
86-01-9022	7388073	1527627	7-69	1	305	26,290	3.29	864	72	17,700	3.75	663	1-72		23	1,003	-.08	23	60
86-01-9022	7847027	1522563	7-69	2	305	24,465	3.41	834	55	17,385	3.64	632	3-72		29	971	-.04	28	63
86-01-9022	7856327	1253351	12-66	2	305	22,135	3.60	796	104	16,080	3.71	597	9-72		34	692	.01	27	51
86-01-9022	7856333	1527627	8-69	2	305	23,800	3.55	846	64	16,580	3.59	595	2-73		29	1,078	-.03	34	72
86-01-9078	5716665	1266352	8-62	5	305	20,880	3.43	716	29	15,422	3.47	535	2-72		35	909	-.02	29	61
86-01-9101	7715192	1427381	7-70	1	305	18,000	3.68	662	11	14,700	3.37	495	12-72		36	957	.06	44	76
86-01-9153	5905879	1268294	7-63	6	303	23,173	3.19	740	155	16,748	3.48	582	1-72		44	1,041	-.09	23	62
86-01-9153	6281735	1420657	12-64	5	305	22,608	3.13	708	114	16,700	3.44	574	1-72		36	1,012	-.09	23	60
86-01-9153	6281736	1420657	12-64	6	296	22,452	3.35	752	151	17,120	3.45	591	8-72		36	939	-.04	27	61
86-01-9153	6994940	1437683	10-67	3	305	24,763	3.15	779	175	16,996	3.51	597	8-72		40	1,416	-.11	34	86
86-01-9153	7309008	1513055	1-69	2	305	22,560	3.51	792	128	16,775	3.49	585	7-72		29	707	.04	31	55
86-01-9169	6076890	010229512	3-62	7	305	20,044	3.77	756	98	15,184	3.60	546	2-72		44	727	.09	40	63
86-01-9169	6457413	1313355	1-65	4	305	21,640	3.22	696	118	15,508	3.44	533	5-72		39	930	-.07	22	56
86-01-9169	6536865	1313355	1-66	4	300	22,360	3.38	755	150	16,800	3.50	588	1-73		39	888	-.05	24	56
86-01-9169	6745699	1466076	9-66	4	299	21,530	3.23	696	176	15,330	3.50	536	10-72		30	964	-.06	25	60
86-01-9169	7295496	1513048	1-69	2	292	21,985	3.18	699	150	16,820	3.47	583	11-72		29	1,047	-.07	26	64
86-01-9169	7359330	1450228	4-69	2	304	19,695	3.14	619	138	16,160	3.43	554	7-72		40	865	-.07	21	53
86-01-9169	7437341	010278750	7-69	2	305	25,515	3.10	791	104	17,975	3.50	630	4-73		32	1,019	-.09	23	61
86-01-9169	7437365	1450228	8-69	2	304	19,485	3.85	751	186	17,535	3.47	608	12-72		40	732	.02	30	55
86-01-9169	7579785	1450228	2-70	2	291	20,690	3.32	686	170	18,055	3.47	626	1-73		40	812	-.05	22	51
86-01-9173	7452341	1366011	9-69	1	305	23,960	2.99	716	42	18,870	3.26	616	3-72		35	834	-.02	27	57
86-01-9221	5827448	1199324	11-62	4	303	21,090	3.24	683	40	18,103	3.38	611	1-72		44	883	-.04	25	57
86-01-9221	6255205	1393389	11-64	4	299	21,643	3.43	742	22	17,158	3.43	589	5-72		33	839	-.02	27	57
86-01-9221	6376036	1330987	1-65	5	305	21,872	3.45	754	51	16,832	3.45	581	10-72		44	948	.03	38	70
86-01-9221	7082182	1417208	11-67	3	305	24,633	3.35	825	42	16,960	3.50	593	9-72		42	1,256	-.03	41	85
86-01-9221	7192339	1487301	5-67	4	305	24,193	3.24	783	38	17,800	3.43	611	3-73		33	1,082	-.06	29	68
86-01-9221	7585717	1427381	5-70	2	268	22,865	2.90	662	28	19,365	3.41	660	3-73	B	40	1,119	-.05	33	73
86-01-9323	6406555	1440457	11-65	4	305	21,528	3.03	652	150	15,968	3.27	522	1-72		33	893	-.08	19	52
86-01-9323	7735182	1493686	11-69	1	305	22,110	2.99	662	97	18,020	3.18	573	3-72		36	754	-.01	26	52
86-01-9472	7768083	1299222	9-70	1	305	19,180	3.87	743	13	15,100	4.00	604	1-73		35	804	-.03	25	54

TABLE 1. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	DHI'S RECS	DHI'S DAYS	AVERAGE PRODUCTION MILK (LB)	AVERAGE PRODUCTION FAT (%)	AVERAGE PRODUCTION FAT (LB)	HERDMATE AVERAGES NO.	HERDMATE AVERAGES MILK (LB)	HERDMATE AVERAGES FAT (%)	HERDMATE AVERAGES FAT (LB)	LAST T CALVD MO-YR	C D	REPT	COW INDEX MILK (LB)	COW INDEX FAT (%)	COW INDEX FAT (LB)	COW INDEX DOL-LARS
86-02-0002	7715193	1427381	7-70	1	305	16,130	3.43	553	50	12,970	3.44	446	7-72		36	921	.04	39	$ 70
86-02-0019	6321005	1346792	1-65	5	301	21,232	2.91	618	37	14,726	3.03	446	3-72		35	1,082	-.10	23	63
86-02-0019	7320638	1366011	9-67	3	305	21,650	2.67	578	41	15,850	2.94	466	2-73		41	1,050	-.06	28	66
86-02-0019	7738847	1535414	10-70	1	305	21,640	2.75	595	31	14,730	3.11	458	12-72		26	870	-.08	19	51
86-02-0019	7738849	1499581	11-70	1	305	21,040	2.83	595	26	15,620	3.10	484	1-73		31	1,087	-.04	33	72
86-02-0019	7738851	1450228	11-70	1	305	19,280	3.45	664	26	15,690	3.07	482	1-73		36	787	.00	28	55
86-02-9027	6445628	1222994	12-65	4	304	21,160	3.16	668	60	15,748	3.20	504	1-72		44	946	-.03	30	64
86-02-9027	6641330	1386406	12-65	4	275	18,317	3.71	680	26	14,155	3.50	496	9-71		44	691	.04	31	54
86-02-9027	7210012	1347940	8-68	2	293	20,430	2.69	591	57	15,360	3.30	507	10-71		40	997	-.07	25	61
86-02-9027	7342445	1347940	3-69	2	301	19,570	2.78	545	64	14,985	3.24	485	8-72		40	941	-.07	23	58
86-02-9027	7342449	1347940	5-69	2	293	18,855	3.05	575	62	15,025	3.27	492	7-72		40	865	-.04	25	56
86-02-9027	7528733	1392858	9-69	2	305	20,640	3.58	738	61	15,600	3.17	495	11-72		40	703	.06	34	57
86-02-9027	7738999	1441440	11-70	1	293	22,040	3.05	673	59	16,170	3.07	497	1-73		36	787	.00	28	55
86-02-9027	7856747	1441440	1-71	1	305	26,760	2.60	696	60	15,820	3.05	483	12-72		36	1,159	-.07	31	73
86-02-9027	7856748	1392858	1-71	1	305	23,540	2.82	664	61	15,570	3.11	485	11-72		36	791	-.03	24	52
86-02-9027	7856751	1441440	1-71	1	305	20,180	3.44	694	60	15,820	3.05	483	12-72		36	669	.05	31	53
86-02-9027	7856752	1441440	2-71	1	284	25,190	3.45	870	48	16,110	3.02	486	2-73		36	1,025	.05	44	79
87-01-0994	6206535	1244009	12-64	6	305	19,808	3.28	649	57	15,966	3.45	551	2-73		44	877	-.07	21	53
87-01-0994	7214741	1491451	3-67	4	305	23,018	2.84	653	51	16,405	3.43	563	3-72		33	1,023	-.13	16	55
87-01-0994	7841291	1261857	7-69	2	305	22,370	3.92	876	67	16,990	3.56	605	12-72		40	910	.10	48	77
87-01-0994	7841301	1447414	8-70	1	305	20,720	3.23	669	68	16,100	3.61	581	1-73		36	973	-.06	25	61
87-01-0994	8023706	1427381	2-70	2	305	21,090	3.50	738	54	17,185	3.56	611	3-73		40	1,116	.02	44	82
87-02-0265	6914155	1379917	8-67	3	305	20,803	2.77	576	11	14,913	3.45	515	5-72		41	1,049	-.13	17	57
87-02-0344	6106952	1244009	10-63	3	297	20,503	3.60	739	13	17,153	3.67	629	9-71		42	803	-.04	23	52
87-02-0455	7883842	1483087	2-71	1	305	18,050	3.62	654	37	14,380	3.61	519	3-73		29	856	-.06	22	53
87-02-0744	6898236	1240549	11-66	4	305	22,293	3.24	722	8	15,700	3.64	572	5-72		44	845	-.05	22	53
87-03-0003	6278609	1271075	3-65	6	292	18,030	3.85	695	5	15,498	3.50	542	1-73		44	734	.05	34	58
87-03-0261	6661813	1417208	6-66	6	300	20,193	3.89	785	7	16,382	3.55	582	4-73		44	845	.06	39	67
87-03-0273	6711305	1430368	9-66	4	305	21,598	4.05	875	11	14,750	3.86	569	5-72		33	1,024	.08	50	84
87-03-0273	6718460	1444437	12-66	4	305	19,515	4.05	790	13	15,370	3.96	608	9-72		35	710	.06	34	57
87-03-0286	7414944	1483087	7-69	2	289	20,850	2.91	607	7	17,240	3.50	604	1-73		34	981	-.15	12	50
87-03-0287	7159062	1433447	6-68	2	305	21,755	3.90	848	23	15,550	3.94	612	11-71		39	769	.04	34	60
87-03-0341	6979253	1261857	2-67	5	299	17,242	3.77	650	16	15,372	3.44	529	3-73		44	555	.09	34	51
87-03-0341	7523635	1261857	11-67	1	305	19,260	4.15	800	25	14,910	3.51	524	11-72		36	665	.11	41	61
87-03-0735	7627405	1427381	11-69	2	303	17,535	3.96	695	11	14,370	3.71	533	10-72		40	983	.07	46	79
87-03-0794	6026743	1244009	10-63	5	303	21,280	3.43	729	9	17,234	3.68	635	3-73		44	936	-.07	23	57
87-03-0794	6454704	1444032	12-65	5	295	20,380	3.66	745	10	15,296	3.60	551	10-72		36	887	.03	36	66
87-03-0794	6454705	1444032	12-65	6	301	23,718	4.06	962	13	16,667	3.59	598	1-73		36	1,217	.12	63	102
87-03-0819	6946842	1199324	8-66	4	305	19,885	3.59	714	23	15,408	3.47	535	6-72		44	1,000	.00	36	71
87-03-0819	7100437	1237057	10-67	3	305	21,060	3.16	665	31	14,743	3.49	515	9-72		42	919	-.10	18	52
87-03-0819	7639953	1427381	2-69	3	299	18,710	3.59	671	28	15,646	3.56	557	1-73		42	1,021	.04	43	78
87-03-0819	7761221	1427381	6-69	1	305	19,130	3.23	618	13	16,000	3.36	538	2-72		36	964	.02	38	71
87-03-0819	7761222	1427381	10-69	1	305	16,240	3.62	588	23	14,040	3.45	484	8-72		36	866	.05	39	68
87-03-0819	7971909	1427381	11-69	1	305	18,720	3.33	623	25	14,070	3.48	490	7-72		36	1,048	.02	41	77
87-03-0819	8025023	1237057	1-70	1	305	26,250	2.74	719	30	13,780	3.53	487	9-72		36	1,125	-.14	19	62
87-03-0819	8146187	1458744	11-70	1	305	18,810	3.78	711	29	14,800	3.55	525	12-72		36	727	.01	28	53
87-03-0848	7347480	1483087	10-67	3	304	18,673	3.14	586	37	14,220	3.65	519	12-72		37	1,052	-.13	18	58
87-03-0848	7347482	1483087	12-67	3	305	17,990	3.24	582	30	14,036	3.58	503	3-73		37	984	-.10	19	56
87-03-0848	7347483	1483087	5-68	3	303	17,553	3.43	602	23	13,350	3.57	477	7-72		37	998	-.08	24	61
87-03-0848	7651680	1483087	7-69	1	305	17,940	3.53	634	22	12,990	3.66	476	6-72		29	940	-.07	23	57
87-03-0848	7651683	1483087	8-69	1	305	20,700	3.03	627	22	12,990	3.66	476	6-72		29	1,169	-.12	23	67
87-03-0848	7881254	1450228	9-70	1	305	18,790	3.36	632	24	13,550	3.66	496	3-73		36	879	-.04	25	57
87-03-0870	6453891	1446479	10-65	4	305	20,222	4.43	895	14	16,517	3.69	609	7-72		33	735	.15	49	71
87-03-0870	7464632	1432733	8-69	2	305	21,395	3.55	759	27	16,660	3.82	637	11-72		40	822	-.04	24	54
87-03-9017	6728044	1467615	12-65	5	293	19,640	3.25	639	23	14,908	3.62	540	7-72		35	899	-.08	20	53
87-03-9017	7420679	1427381	3-69	2	286	18,320	3.92	718	35	14,990	3.54	531	4-72		40	1,013	.08	49	82
87-03-9071	7281486	1510690	8-68	2	305	23,810	3.53	841	13	17,340	3.50	607	12-72		29	949	.01	35	68
87-03-9223	6273500	1242221	9-64	6	305	22,338	3.33	744	62	15,465	3.58	553	2-73		43	1,512	-.05	47	101
87-03-9223	6387162	1242221	5-65	6	305	16,543	3.45	571	64	14,837	3.61	536	1-73		43	808	-.02	26	55
87-03-9223	6513512	1242221	1-66	4	305	17,503	3.90	682	58	15,970	3.57	570	6-72		42	814	.04	36	63
87-03-9223	7029162	1242221	1-68	3	305	16,657	3.75	624	60	15,097	3.60	544	7-72		41	794	.02	31	58
87-03-9223	7102570	1242221	3-68	3	293	16,037	3.48	558	67	14,383	3.64	524	7-72		41	788	-.02	25	53
87-03-9223	7602373	1495135	9-69	2	305	17,595	4.24	746	67	13,555	3.65	495	1-73		37	670	.12	43	63
87-03-9223	7907527	1242221	4-71	1	305	16,280	3.49	568	24	13,740	3.76	516	4-73		34	845	-.02	28	58
87-03-9223	7939480	1427615	8-70	1	305	20,100	3.35	673	92	13,100	3.79	497	9-72		36	966	-.13	15	52
87-03-9316	6943191	1483087	10-67	2	305	20,350	3.80	774	29	16,055	3.67	589	2-72		34	1,031	-.03	32	69
87-03-9316	7028551	1289574	8-67	4	303	22,133	3.74	827	21	16,960	3.69	625	3-73		44	703	.01	27	51
87-03-9316	7146478	1483087	1-68	4	290	20,230	3.16	639	20	16,742	3.69	617	2-73		38	1,015	-.14	15	54
87-03-9509	7839307	1447414	12-70	1	305	19,710	3.16	622	51	14,950	3.57	534	11-72		36	966	-.07	24	59
87-03-9559	5629546	1223243	7-62	5	305	24,634	3.58	881	14	15,290	3.54	541	2-73		44	1,473	.00	53	104
87-03-9559	7237907	1427381	1-69	2	305	22,030	3.26	718	24	16,150	3.47	561	5-72		40	1,295	.00	46	91
87-03-9559	7482330	1427381	9-69	2	305	19,075	3.49	666	25	15,850	3.51	556	12-72		40	1,020	.03	42	77
87-03-9559	7577241	1427381	11-69	1	305	21,940	3.49	766	34	16,810	3.50	588	6-72		36	1,125	.04	46	84
87-03-9566	7482329	1427381	8-69	1	108	21,600	3.50	756	9	17,650	3.43	605	12-71	B	36	1,050	.04	44	80
87-06-0058	5949736	1244009	9-63	6	304	19,670	3.35	658	15	15,081	3.57	538	8-72		44	950	-.07	24	59
87-06-0058	7717013	1458744	8-70	1	305	21,680	3.98	862	12	16,790	3.73	627	10-72		36	822	.02	33	61
87-18-0030	6931391	1451150	7-67	3	305	20,887	3.76	786	8	15,333	3.39	520	12-72		32	831	.06	39	66
87-18-0175	6991501	1492368	9-67	4	305	19,938	3.11	620	32	15,280	3.53	540	1-73		33	953	-.11	17	53
87-18-0175	7218524	1492368	8-68	2	305	20,910	3.21	672	27	15,775	3.45	545	3-72		29	924	-.07	22	56
87-18-0175	7218526	1492368	8-68	3	305	20,440	3.56	727	23	15,857	3.47	551	4-73		32	922	-.01	31	63
87-18-0175	7218528	1492368	10-68	2	305	21,940	3.28	719	29	15,915	3.46	551	4-72		29	1,035	-.07	27	65
87-18-0175	7276863	1492368	12-68	2	305	18,390	3.73	686	23	14,595	3.65	533	8-72		29	733	-.01	25	51
87-18-0175	7436294	1492368	7-69	2	305	19,335	3.79	733	34	15,345	3.60	552	11-72		29	775	.00	28	55
87-18-0187	6969774	1330987	10-67	3	305	19,626	3.36	659	32	15,873	3.44	546	2-72		42	711	.02	28	52
87-18-0187	6997358	1330987	10-67	3	305	21,443	3.27	702	37	16,100	3.43	552	7-72		42	899	.00	33	64

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	COW REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOL-LARS
87-20-0455	6853795	1357743	8-66	4	305	20,865	3.15	658	20	13,810	3.46	478	5-72		44	945	-.08	21	$ 56
87-20-0455	7826521	1427301	5-70	1	305	16,540	3.69	611	19	14,910	3.48	519	9-72		36	836	.06	39	67
87-20-0683	7347418	1413165	3-68	4	305	23,413	3.37	789	16	16,823	3.50	588	4-73		44	1,168	-.11	25	68
87-20-0683	7482304	1383004	11-69	2	305	27,040	3.81	1031	13	18,730	3.71	694	2-73		40	878	.13	51	78
87-20-0845	6233826	1431337	8-64	6	305	22,128	3.20	707	16	15,892	3.37	535	7-72		36	1,107	-.07	29	69
87-20-0991	8161376	1441440	8-70	1	305	23,900	2.74	655	30	17,170	3.24	557	8-72		36	866	-.05	24	55
87-20-0991	8239813	1441440	6-71	1	304	22,280	3.49	778	35	17,450	3.32	580	3-73		36	728	.03	31	56
87-20-0991	8258014	1427615	2-71	1	305	23,260	4.08	948	34	17,470	3.30	577	3-73		36	941	-.02	31	64
87-22-0726	7255865	1477381	3-67	3	305	21,353	3.62	774	19	17,593	3.76	661	7-72		42	739	.02	29	54
87-22-0845	7527389	1306247	10-69	2	305	22,155	3.02	670	64	16,995	3.23	549	11-72		40	881	-.08	20	53
87-22-0845	7619436	1458744	3-70	1	305	21,180	3.35	709	34	16,580	3.22	534	4-72		36	797	-.01	27	55
87-22-0848	7614758	1473442	5-69	2	305	21,090	3.52	743	16	16,225	3.55	576	10-72		39	854	-.04	24	55
87-22-0935	7498835	1347940	8-69	1	305	20,280	3.10	629	35	14,930	3.43	512	9-72		36	901	-.03	27	59
87-22-9061	7164443	1473442	9-67	3	293	22,413	2.84	637	21	17,230	3.33	574	2-72		41	973	-.13	14	51
87-22-9061	7208051	1473442	6-68	3	305	21,257	3.38	719	17	17,220	3.28	564	3-73		41	838	-.03	25	55
87-22-9082	7877756	1493686	10-69	2	305	22,880	3.28	751	8	17,060	3.37	575	2-73		40	1,015	.00	36	71
87-25-0611	6792642	1477381	1-67	4	293	20,572	3.25	668	13	16,655	3.27	544	2-73		43	765	.00	28	55
87-25-0611	7081391	1223243	9-67	2	299	21,145	3.32	702	13	16,490	3.27	540	4-72		40	767	-.02	25	52
87-25-0611	7625367	1422506	3-69	2	305	20,825	3.47	723	17	17,020	3.29	560	4-72		40	663	.02	27	50
87-25-0611	7625369	1441440	1-70	2	304	23,030	2.70	621	17	17,260	3.41	589	3-73		40	946	-.10	19	54
87-25-0614	7938951	1450228	2-71	1	305	20,130	4.00	806	20	17,070	3.62	618	2-73		36	769	.02	30	56
87-25-9076	6969128	1355784	12-67	2	305	18,555	3.75	696	101	13,725	3.63	498	9-72		40	928	-.05	26	60
87-25-9076	6969141	1347940	10-67	2	305	21,385	3.39	724	92	15,125	3.42	518	8-71		40	1,113	-.01	38	77
87-25-9076	7091257	1355784	1-68	3	305	19,933	3.17	631	93	15,316	3.46	530	3-73		42	992	-.11	18	55
87-25-9076	7091259	1355784	3-68	2	305	23,235	3.31	769	115	14,830	3.59	533	12-71		40	1,315	-.10	31	79
87-25-9076	7140975	1355784	7-68	2	305	18,960	3.54	672	106	15,060	3.59	540	12-71		40	860	-.07	20	52
87-25-9076	7226234	1355784	1-69	2	305	21,125	3.56	752	111	13,940	3.55	495	9-72		40	1,172	-.06	32	74
87-25-9076	7491740	1482103	8-69	2	305	22,355	2.97	665	94	14,980	3.44	515	2-73		29	997	-.10	20	57
87-25-9076	7787532	1447414	8-70	1	305	17,510	3.66	640	86	13,580	3.49	474	8-72		36	884	-.02	29	60
87-25-9076	7875880	1450228	1-71	1	305	17,610	3.88	684	125	13,620	3.52	479	11-72		36	787	.00	29	56
87-25-9076	7875938	1450228	3-71	1	305	16,970	3.61	612	125	13,620	3.52	479	11-72		36	739	-.02	24	50
87-25-9084	5546753	1386841	12-61	8	305	21,781	3.26	710	21	15,489	3.45	534	8-72		40	1,075	-.08	26	65
87-25-9084	6812251	1242221	2-67	3	305	19,490	3.65	711	24	16,367	3.60	589	7-72		41	1,009	.00	37	72
87-25-9084	6974178	1413165	1-68	4	305	22,213	3.15	700	27	16,863	3.51	592	1-73		44	1,015	-.14	14	53
87-25-9084	7341513	1413165	5-68	3	305	22,153	3.25	721	30	17,077	3.56	608	2-73		42	946	-.13	14	50
87-25-9084	7444687	1510195	1-69	2	305	23,795	3.24	770	31	17,910	3.52	631	8-72		29	856	-.07	20	52
87-25-9084	7547369	1347940	9-69	1	305	19,960	3.85	768	38	18,310	3.56	651	8-72		36	676	.03	29	52
87-25-9084	7790597	1347940	1-70	1	305	23,620	3.38	799	35	18,420	3.58	660	9-72		36	942	-.02	31	64
87-25-9084	7967515	1427615	6-70	1	305	25,720	3.16	812	30	18,430	3.69	680	1-73		36	1,067	-.16	14	55
87-25-9487	7520895	1432733	8-69	1	305	23,850	3.57	852	12	16,570	3.41	565	3-72		36	891	.00	32	63
87-25-9487	7720557	1447414	11-69	1	41	18,140	3.34	606	15	16,190	3.40	551	1-72	B	36	775	-.04	22	50
87-25-9487	7791534	1347940	5-69	1	305	20,520	3.50	719	9	16,210	3.55	575	8-72		36	843	.00	30	59
87-25-9487	7832534	1347940	6-69	3	280	18,230	3.55	648	15	15,573	3.53	549	11-72	B	42	780	.00	28	55
87-25-9487	7832537	1347940	10-69	2	254	16,930	3.69	624	12	13,820	3.63	501	10-72		40	767	.01	29	56
87-25-9924	6762520	1399850	8-66	4	295	19,315	3.88	749	21	14,808	3.90	578	6-72		43	631	.07	33	53
87-25-9924	6934166	1477381	8-67	4	305	19,745	3.70	731	15	16,555	3.85	637	2-73		43	672	.02	27	50
87-25-9924	7442760	1519556	1-70	1	305	25,740	3.39	872	8	17,000	3.69	628	4-72		19	876	-.04	26	57
87-25-9924	7677791	1458744	7-70	1	305	22,610	3.81	862	33	15,000	3.92	588	9-72		36	998	-.01	35	70
87-26-0160	7008732	1464039	10-67	3	303	19,556	3.41	666	10	13,170	3.33	439	3-73		32	818	.00	29	53
87-26-0658	5913742	1237057	11-63	5	304	21,168	3.45	731	11	16,628	3.60	599	11-72		44	820	-.06	20	50
87-26-0658	6353948	1199324	3-65	6	305	19,140	3.20	613	22	15,943	3.66	584	11-72		44	868	-.08	19	51
87-26-0658	6896980	1458744	10-67	3	239	21,066	3.28	691	9	17,290	3.60	622	2-72	B	42	882	-.06	23	55
87-29-0074	6282568	1433907	10-64	5	304	19,636	3.43	674	7	13,064	3.70	484	8-72		32	993	-.04	29	65
87-29-0074	6507658	1242221	7-65	5	295	15,400	3.61	556	8	13,858	3.67	509	12-72		43	761	.00	27	54
87-29-0575	7188222	1422506	11-67	4	291	22,625	3.43	776	19	16,740	3.68	616	2-73		43	999	-.03	31	67
87-29-0575	7965634	1399283	10-68	2	305	23,870	3.49	832	22	16,925	3.71	628	12-71		40	988	-.05	27	63
87-29-0590	7100501	1515009	6-68	2	305	24,220	3.59	870	18	16,165	3.85	623	5-72		25	1,058	-.03	34	72
87-29-0590	7375013	1427381	6-69	1	305	25,120	4.10	1031	21	17,030	3.69	628	3-72		36	1,349	.09	63	108
87-29-0946	6934816	1271075	9-63	7	302	17,719	3.80	673	16	14,406	3.82	550	10-72		44	807	.01	30	58
87-29-0968	5145732	1195312	5-60	8	305	21,169	3.24	686	28	15,831	3.74	592	11-72		43	1,103	-.14	18	60
87-29-0968	6780104	1330987	12-66	2	305	19,550	4.11	803	34	15,860	3.83	608	5-72		40	659	.09	37	58
87-29-0968	7354476	1427381	10-68	2	305	21,070	3.94	831	30	16,050	3.69	593	3-73		40	1,206	.07	55	95
87-29-9329	6859162	1429305	3-67	4	302	21,825	3.22	703	29	16,510	3.59	592	2-73		34	891	-.08	19	52
87-29-9499	6087320	1424901	1-64	7	305	21,706	3.48	756	24	16,513	3.77	623	9-72		36	1,009	-.05	29	65
87-29-9499	6120919	1435690	7-64	5	305	20,466	4.10	839	24	16,592	3.75	622	8-72		44	525	.13	39	54
87-29-9499	6575012	1451379	7-65	4	305	24,502	3.46	847	34	17,935	3.77	677	7-72		37	1,181	-.05	34	77
87-29-9499	7458018	1427615	8-69	2	305	21,920	3.92	859	22	17,950	3.86	693	3-73		40	910	-.06	23	56
87-29-9712	6390633	1330987	11-64	6	303	19,163	4.13	792	20	16,043	3.77	605	1-73		44	680	.10	40	61
87-29-9712	7258005	1223243	8-67	2	305	21,320	3.85	821	26	16,205	3.78	613	2-72		40	808	.01	31	59
88-01-9004	7471232	1521505	5-69	2	305	22,110	3.80	841	8	15,735	3.69	581	6-72		25	835	.03	35	63
88-01-9020	7454950	1506360	5-69	1	305	24,160	3.24	782	25	17,360	3.39	588	1-72		22	792	-.02	25	53
88-01-9025	6803383	1417208	1-67	4	297	19,595	3.79	742	24	16,348	3.55	580	9-72		44	756	.04	33	58
88-01-9025	7380415	1244009	2-69	2	304	22,570	3.41	770	34	16,745	3.49	584	5-72		40	1,006	-.05	28	64
88-01-9025	7695276	1447414	2-70	1	305	18,260	3.48	636	33	16,710	3.45	576	7-72		36	753	-.03	23	50
88-01-9025	7898921	1447414	6-70	1	305	21,400	3.07	656	27	17,040	3.46	589	11-72		36	968	-.08	23	59
88-01-9025	7898927	1447414	5-70	1	305	20,440	3.48	711	27	17,040	3.46	589	11-72		36	896	-.03	27	59
88-01-9025	7898929	1447414	12-70	1	279	20,430	3.17	648	20	16,990	3.48	592	2-73		36	898	-.07	22	55
88-01-9025	7898930	1447414	8-70	1	185	18,590	3.47	646	18	16,970	3.46	588	3-73	B	36	762	-.03	23	50
88-03-9003	7541907	1525705	7-69	2	302	21,145	3.27	691	15	14,880	3.68	548	10-72		30	981	-.09	21	57
88-16-9005	6101767	1409709	6-64	5	303	20,424	3.65	746	14	15,364	3.38	519	8-71		36	828	.04	36	64
91-10-5064	5955468	1244009	9-63	7	297	25,315	3.01	762	24	16,915	3.54	599	3-72		44	1,489	-.14	31	86
91-11-0001	7667924	1385225	12-69	2	305	22,095	3.93	868	21	18,565	3.49	647	2-73		40	808	.06	38	65
91-11-5001	6539350	1451389	2-66	4	305	19,883	3.79	754	25	16,913	3.61	610	3-72		40	717	-.01	25	50
91-11-5001	6878427	1431513	2-67	3	305	21,853	3.58	783	28	16,900	3.69	623	2-72		33	772	-.04	22	50
91-11-5001	7972305	1438332	10-70	1	305	26,020	3.21	836	18	18,810	3.40	640	12-72		35	903	-.07	21	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
91-12-0094	6495242	1277619	1-66	3	305	20,920	4.34	907	34	15,833	3.61	571	9-72		42	749	.08	40	$ 64
91-12-0100	7005361	1212173	1-68	3	301	20,833	3.64	758	28	16,360	3.37	551	1-72		42	671	.04	31	53
91-12-0112	7419467	1387978	8-69	2	305	20,695	3.39	702	7	14,700	3.69	543	2-73		40	1,004	-.04	30	66
91-12-0117	7332391	1404788	10-68	3	305	23,343	3.51	819	42	17,057	3.64	621	4-73		42	730	-.01	25	51
91-12-0130	6439928	1476741	11-65	5	305	20,944	3.98	834	233	17,426	3.62	630	1-73		35	581	.10	36	54
91-12-0130	7068129	1330597	5-68	2	295	23,180	3.49	810	209	17,475	3.62	633	9-72		40	781	-.03	23	51
91-12-0130	7274831	1399283	3-69	2	305	23,970	3.45	826	192	16,785	3.71	622	7-72		40	1,010	-.06	27	64
91-12-0130	7361544	1222994	5-69	2	305	21,040	3.59	755	235	17,145	3.63	623	10-72		40	711	.00	26	51
91-12-0130	7361547	1331709	6-69	2	295	23,040	3.52	810	213	16,965	3.65	619	9-72		40	888	-.04	25	57
91-12-0130	7470223	1447414	6-69	2	305	19,835	3.69	731	226	17,420	3.66	637	11-72		40	872	-.02	28	59
91-12-0130	7470229	1399283	9-69	2	305	24,525	3.38	829	247	17,550	3.60	631	12-72		40	1,004	-.06	27	63
91-12-0130	7580975	1547869	5-70	1	305	25,170	3.10	781	228	17,460	3.59	627	10-72		23	962	-.09	20	56
91-12-0130	7641616	1447414	6-70	1	292	22,570	3.61	814	209	17,190	3.61	620	9-72		36	1,046	-.03	33	70
91-12-0130	7674240	1447414	6-70	1	305	21,020	3.54	745	209	17,190	3.61	620	9-72		36	930	-.03	28	61
91-12-0130	7730993	1399283	10-70	1	305	25,640	3.35	859	249	18,040	3.55	641	12-72		36	869	-.06	22	54
91-12-0130	7731000	1450228	11-70	1	305	23,900	3.65	872	162	18,720	3.58	670	3-73		36	952	-.01	32	66
91-12-0130	7731009	1547869	11-70	1	305	25,610	3.25	832	156	18,660	3.59	670	3-73		23	915	-.08	21	55
91-12-0131	7199473	1377954	4-67	4	304	21,793	3.67	800	20	17,108	3.62	619	1-72		44	964	.02	38	71
91-12-0143	7738599	1242221	9-70	1	301	19,610	3.47	680	53	14,730	3.66	539	10-72		34	1,041	-.02	35	72
91-12-0143	7778198	1242221	7-70	1	305	19,150	3.38	647	53	14,730	3.66	539	10-72		34	1,005	-.03	32	68
91-12-5021	6876552	1471445	8-67	2	305	21,270	3.48	741	21	16,455	3.51	577	9-72		40	682	.02	28	51
91-12-5021	7407265	1350190	2-67	3	305	21,730	3.55	771	26	17,053	3.54	603	9-72		42	773	-.04	22	50
91-12-5117	5187899	1214152	5-60	9	303	21,594	3.56	768	48	16,006	3.57	572	7-72		44	738	-.02	24	50
91-12-5117	6206845	1420394	1-64	6	303	18,597	3.74	696	46	15,912	3.61	575	3-72		36	752	.02	30	56
91-12-5117	6595977	1222994	7-66	3	305	21,587	3.43	740	56	16,283	3.73	608	1-72		42	904	-.04	27	59
91-12-5117	7301780	1420394	1-69	2	305	20,740	3.60	747	50	17,130	3.67	629	4-72		30	827	-.01	28	57
91-12-5117	7533413	1438535	9-69	2	305	21,160	3.35	709	51	17,295	3.71	642	12-72		40	757	-.01	25	52
91-12-5117	7672795	1420394	2-69	2	305	19,705	3.41	671	42	16,270	3.74	609	2-73		30	786	-.05	21	50
91-26-0002	6956502	1261857	9-67	3	305	16,450	4.11	676	75	13,857	3.61	500	6-72		42	586	.12	39	57
91-26-0023	7472320	1438535	11-69	2	305	18,760	4.26	800	42	15,870	3.74	593	2-73		40	628	.10	38	57
91-26-0047	6888617	1330987	11-66	3	305	23,060	3.28	756	14	18,383	3.32	610	4-73		42	875	.02	34	64
91-26-0047	7435106	1518986	5-69	1	305	26,300	2.82	742	9	17,280	3.40	587	4-73		19	908	-.11	16	50
91-26-5023	7472317	1438535	8-69	2	305	19,390	3.98	772	68	14,770	3.81	563	1-73		40	782	*.06*	*38*	64
91-28-0072	4174373	1179575	9-55	11	305	24,344	2.99	727	42	16,288	3.41	556	3-73		44	1,003	-.13	16	54
91-28-0073	6653313	1377954	9-66	4	302	18,380	3.92	721	12	15,713	3.51	552	1-73		44	681	.07	35	57
91-28-5072	5920256	1396355	2-63	7	305	20,810	3.45	718	42	16,827	3.42	576	4-72		39	915	-.04	27	*60*
91-34-0002	7410940	1518988	5-69	2	305	21,010	3.92	824	20	16,680	3.65	609	2-73		30	769	.10	43	67
91-34-0002	7410948	1518988	8-69	2	305	20,710	3.79	784	22	16,470	3.65	601	3-73		30	754	.08	39	63
91-34-0006	6929630	1386406	9-67	3	305	23,220	3.62	841	20	16,243	3.80	618	7-72		42	1,033	.00	37	73
91-34-0006	7311166	1463216	3-69	2	305	23,480	3.67	861	13	15,860	3.87	613	11-72		40	803	.00	29	57
91-34-0006	7562501	1426616	3-70	1	305	26,300	3.53	929	14	17,320	3.76	651	12-72		35	960	-.03	30	64
91-34-0013	5964825	1244009	10-63	7	303	22,582	3.49	789	35	17,951	3.58	642	1-73		44	1,030	-.04	30	67
91-34-0013	6647555	1222994	6-66	2	305	22,405	3.69	827	32	18,690	*3.52*	658	3-72		40	724	*.03*	*30*	55
91-34-0013	7083489	1491000	1-68	3	299	23,943	3.04	729	20	19,060	3.48	664	3-72		38	1,137	-.09	26	68
91-34-0013	7237867	1399283	9-68	3	299	24,590	3.29	810	43	19,143	3.61	691	1-73		42	959	-.08	22	57
91-34-0067	6570146	1441032	9-65	5	304	20,922	3.66	766	30	17,306	3.49	604	7-72		35	621	.04	29	50
91-34-0067	7278783	1512599	10-68	2	305	22,225	3.55	788	35	18,715	3.46	647	1-73		37	709	.02	28	52
91-34-0067	7419784	1427381	10-69	1	63	20,300	3.50	710	38	18,580	3.42	635	1-73	B	36	897	.04	39	69
91-34-0074	7040856	1413165	1-68	2	305	21,160	3.84	812	37	17,135	3.43	587	1-72		40	777	-.03	23	51
91-34-0117	6811217	1416472	12-66	4	305	22,145	3.86	854	17	15,805	3.75	593	12-72		30	1,000	.04	42	76
91-34-0117	7792551	1450228	10-70	1	305	24,510	3.73	913	24	18,350	3.82	701	1-73		36	1,019	-.02	33	69
91-34-0181	6745306	1386406	1-67	4	305	27,032	3.60	973	42	17,532	3.69	647	3-73		44	1,434	.00	52	102
91-34-5002	5089238	1010936	1-60	6	305	*21,235*	*4.12*	*875*	28	*15,835*	*3.75*	594	4-72		44	879	.09	46	74
91-34-5002	5952522	1373155	9-63	5	301	23,804	3.30	786	27	16,528	3.65	603	6-72		37	989	-.09	22	59
91-34-5002	7295692	1282185	10-68	2	304	25,205	3.22	811	27	16,790	3.71	623	7-72		40	931	-.08	21	55
91-34-5002	7295698	1518988	1-69	1	305	21,520	3.73	803	26	15,600	3.69	576	3-72		25	768	.07	38	63
91-34-5002	7295699	1518988	2-69	2	305	19,145	3.87	*740*	24	*15,735*	3.67	577	12-72		30	639	.09	36	56
91-34-5002	7295701	1518988	2-69	1	305	20,060	3.91	784	26	15,600	3.69	576	3-72		25	640	.09	37	57
91-34-5002	7410939	1518988	4-69	2	305	18,990	3.79	720	25	15,390	3.69	568	10-72		30	653	.08	35	56
91-34-5002	7410941	1518988	6-69	1	305	19,070	4.11	783	25	16,100	3.67	591	4-72		25	518	.11	35	50
91-34-5002	7602920	1518988	3-70	1	305	21,620	3.60	779	24	16,100	3.63	585	12-72		25	742	.05	35	60
91-34-5002	7602921	1518988	3-70	1	305	23,700	3.90	925	24	16,100	3.63	585	12-72		25	925	.09	48	78
91-34-5002	7765287	1236789	7-70	1	305	*21,870*	3.48	*760*	21	16,440	3.64	598	1-73		35	751	-.01	26	52
91-34-5181	5758635	1383004	12-62	7	305	21,917	3.66	803	44	16,866	3.74	631	9-72		44	664	.09	37	58
91-34-5181	6016756	1421645	2-64	6	305	22,525	3.50	788	45	17,141	3.73	639	4-72		43	902	-.06	23	56
91-34-5181	6220930	1428104	7-64	6	271	*24,338*	3.34	*813*	42	15,998	3.68	588	11-72		44	1,520	-.12	36	92
91-34-5181	6372008	1421645	7-65	5	305	25,120	3.30	829	43	17,400	3.76	655	8-72		43	1,219	-.11	26	71
91-34-5181 *	6497700	1427808	12-65	4	305	22,503	3.66	823	58	18,330	3.71	680	11-72		33	708	.00	25	50
91-34-5181	7397644	010288790	6-67	3	305	22,696	3.73	846	49	18,260	3.64	665	4-72		41	892	.08	44	73
91-34-5181	7725865	1242221	10-70	1	116	22,740	3.56	810	40	19,240	3.69	709	1-73	B	34	1,004	-.01	34	69
91-38-0027	6792123	1471445	3-67	4	305	21,262	3.72	792	13	16,690	3.73	623	12-72		43	767	.04	33	59
91-38-5030	5850188	1233005	4-63	7	305	20,731	3.54	733	12	15,593	3.71	578	4-72		44	846	-.02	27	57
91-38-5030	7606124	1422655	3-70	1	305	*23,670*	*3.40*	*805*	13	14,790	3.83	566	1-72		35	899	-.02	30	62
91-38-5030	7742837	1422655	7-70	1	305	21,640	2.49	538	5	12,050	3.67	442	8-72		35	912	-.10	17	51
91-38-5052	6568518	1277619	7-64	6	263	20,522	3.38	693	16	14,643	3.60	527	4-73	B	44	890	-.06	22	55
91-38-5052	8067022	1422655	6-70	1	305	21,290	3.11	663	26	13,350	3.62	483	10-72		35	805	-.03	24	53
91-40-0003	7091408	1261857	7-67	4	305	17,968	3.57	641	19	15,138	3.68	557	1-73		44	661	.03	29	51
91-42-0004	6889788	1377954	1-67	4	304	17,545	3.67	644	15	14,928	3.55	530	7-72		44	655	.03	28	50
91-42-0004	7232861	1387978	4-68	3	290	19,117	3.39	649	13	16,240	3.52	571	10-72		42	749	-.03	23	50
91-42-0017	6676819	1466645	8-66	5	296	19,588	3.29	645	38	15,436	3.71	572	1-73		41	895	*-.08*	19	*52*
91-42-0017	6936029	1261857	9-67	3	296	18,423	3.58	660	38	15,583	3.66	571	8-72		42	655	.04	30	52
91-42-0017	7684349	1450228	11-70	1	305	21,260	3.92	833	38	16,910	3.76	636	1-73		36	863	*.00*	31	61
91-42-0017	7684356	1447414	8-70	1	*305*	*19,450*	*3.53*	686	36	16,630	3.84	638	12-72		36	847	-.05	23	54
91-42-0033	6572457	1462730	1-66	5	302	17,960	3.28	589	11	12,702	3.58	455	4-73		41	805	-.05	21	50
91-42-0034	7964266	1299222	2-71	1	293	19,430	3.32	645	8	14,260	3.25	464	2-73		35	875	-.04	26	57

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
91-42-0050	7569095	1538673	10-69	2	305	22,975	3.87	889	47	16,750	3.43	574	1-73		25	842	.07	41	$ 69
91-42-0062	7841719	1458744	3-71	1	305	22,900	2.96	678	29	17,000	3.27	556	3-73		36	900	-.06	23	56
91-42-0094	7530616	1427381	12-69	1	305	18,440	3.83	706	12	16,430	3.53	580	9-72		36	887	.07	42	71
91-42-5034	7345561	1471445	10-68	3	300	20,913	3.50	731	16	15,773	3.54	559	11-72		42	774	.01	30	57
L 91-42-5034	7699150	1299222	10-70	1	305	25,000	3.00	751	17	14,400	3.59	517	11-72		35	1,292	-.10	31	78
91-42-5050	6561058	010219120	10-61	2	305	20,360	4.15	845	32	16,790	3.60	605	3-72		30	517	.10	34	50
91-42-5050	6796699	1383004	4-67	4	303	23,600	3.32	784	54	17,280	3.39	585	2-73		44	800	.06	38	64
91-42-5050	7292970	1438535	11-68	2	305	20,290	3.78	766	47	17,295	3.42	592	4-72		40	668	.07	35	57
91-42-5050	7569097	1438535	7-69	2	305	24,580	3.04	747	73	16,940	3.42	580	8-72		40	1,134	-.04	34	75
91-42-5050	7636743	1428104	6-70	1	305	22,960	3.38	777	96	17,600	3.44	606	9-72		36	910	-.08	20	54
91-42-5050	7660587	1428104	6-70	1	303	23,170	3.16	733	95	17,590	3.44	605	10-72		36	926	-.10	17	52
91-42-5050	7671782	1428104	9-70	1	305	24,280	2.85	692	95	17,590	3.44	605	10-72		36	1,009	-.15	13	52
91-42-5050	7745678	1438535	9-70	1	305	23,090	3.15	727	93	17,730	3.43	608	10-72		35	779	-.01	27	54
91-42-5058	6642113	1271075	2-66	1	305	23,310	3.20	747	17	18,040	3.23	582	5-72		35	885	-.02	29	60
91-42-5058	6642114	1271075	5-66	1	305	20,250	3.45	698	19	16,190	3.25	526	1-73		35	765	.00	28	55
91-42-5062	5034835	1090981	11-59	4	300	22,050	3.26	719	29	16,600	3.48	577	12-72		44	865	-.05	23	54
91-42-5062	5780103	1361996	11-62	6	305	20,403	3.75	765	27	16,725	3.42	572	9-72		35	655	.07	34	55
91-42-5062	6280649	1380550	8-64	6	303	22,123	3.63	803	29	16,977	3.46	587	8-72		44	641	.05	30	51
91-42-5062	7201440	1517051	9-68	2	305	21,420	3.71	795	43	16,195	3.44	557	9-72		25	701	.04	31	55
91-50-0010	7163513	1387978	7-68	3	277	21,937	3.15	691	19	18,433	3.52	649	1-73		42	872	-.07	21	53
91-54-0004	7105932	1471445	12-67	4	305	22,610	3.50	791	38	16,535	3.50	579	4-73		43	950	.02	37	70
91-54-0004	7274014	1512599	9-68	3	305	20,096	3.73	750	37	17,270	3.47	600	4-73		39	646	.04	30	51
91-54-0072	7354616	1347940	5-69	2	305	21,955	3.48	763	67	19,040	3.38	644	3-73		40	853	.01	32	62
91-54-0072	7850145	1441440	8-70	1	305	22,510	3.73	840	54	19,150	3.35	641	2-73		36	644	.06	32	53
91-54-0085	6202341	1356103	12-64	4	305	24,112	3.34	805	23	17,252	3.64	628	1-73		37	1,179	-.07	31	74
91-54-0085	7269806	1385225	3-69	2	305	21,265	3.64	775	15	16,750	3.77	631	7-72		40	871	-.01	30	61
91-54-0085	7403230	1385225	9-69	2	305	20,230	3.68	745	28	17,595	3.65	642	2-73		40	697	.01	26	50
91-54-0120	7586680	1308101	12-69	1	305	19,390	3.42	664	49	15,460	3.76	582	8-72		36	918	-.05	26	59
91-54-5004	6964835	1471445	3-67	3	305	21,283	3.24	690	34	15,480	3.55	550	7-72		42	845	-.03	26	56
91-54-5004	7105930	1471445	11-67	3	305	24,106	3.24	781	35	16,600	3.65	606	12-72		42	1,069	-.04	32	70
91-54-5004	7105931	1471445	11-67	3	305	22,120	3.40	751	33	16,156	3.66	591	9-72		42	879	-.01	30	61
91-54-5004	7105933	1471445	1-68	3	305	23,003	3.25	748	36	16,686	3.67	613	12-72		42	933	-.04	27	61
91-54-5004	7194987	1385225	8-68	2	305	20,460	3.64	745	38	16,060	3.54	568	4-72		40	845	.01	32	61
91-54-5004	7699183	1438535	10-70	1	305	23,660	3.89	921	38	18,460	3.63	671	11-72		35	778	.07	38	64
91-54-5072	6066597	1271075	8-63	7	298	19,474	3.62	705	41	15,897	3.54	562	10-72		44	880	.01	33	63
91-54-5072	6760201	1222994	10-66	4	302	21,968	3.51	772	86	18,030	3.51	633	9-72		44	820	.00	30	58
91-54-5072	6959228	1347940	12-67	2	305	22,775	3.37	768	82	18,560	3.52	653	11-72		40	976	-.02	32	67
91-54-5072	7058495	1347940	12-67	3	305	20,770	3.54	735	84	18,296	3.51	642	10-72		42	821	.00	30	59
91-54-5072	7070280	1347940	3-68	2	305	20,485	3.77	772	81	18,300	3.50	640	12-71		40	764	.04	33	59
91-54-5072	7070281	1347940	3-68	2	304	21,330	3.32	709	95	18,345	3.47	637	8-72		40	846	-.02	27	57
91-54-5072	7129076	1347940	2-68	1	305	21,510	3.61	777	75	18,200	3.43	625	10-71		36	798	.01	31	58
91-54-5072	7203512	1347940	11-68	2	304	21,710	3.13	679	92	18,040	3.48	628	8-72		40	910	-.05	25	58
91-54-5072	7381552	1416897	4-69	3	295	23,050	3.64	840	37	16,460	3.75	617	5-72		42	1,043	-.02	35	72
91-54-5072	7610814	1427615	4-70	1	305	26,640	2.91	776	117	19,240	3.44	661	9-72		36	1,087	-.17	13	55
91-54-5110	5940020	1396355	12-63	6	305	23,070	3.14	724	24	15,250	3.50	533	11-72		39	1,413	-.11	33	85
91-54-5110	6097255	1396355	1-64	7	303	18,933	3.50	662	17	15,379	3.45	531	10-72		39	813	-.03	25	54
91-58-0046	6881701	1291498	12-65	4	305	24,622	3.55	875	7	18,950	3.79	718	2-73		44	825	-.05	22	52
91-58-0091	5935818	1385225	9-63	6	264	24,616	3.62	892	14	16,825	3.51	591	4-72		44	1,416	.01	53	102
91-58-0095	6528989	1357743	12-65	5	305	21,724	3.36	730	26	15,622	3.63	567	8-72		44	905	-.07	22	55
91-58-0095	6528991	1276654	10-65	4	305	19,048	4.36	830	39	15,625	3.62	565	7-72		44	563	.12	38	55
91-58-0095	7113621	010272693	10-67	3	305	20,977	3.47	728	42	15,797	3.68	581	10-72		29	772	-.03	23	51
91-58-0095	7666106	1299222	8-70	1	305	19,770	3.62	716	47	16,010	3.57	572	1-73		35	794	-.02	25	53
91-58-0110	5596377	1385225	1-62	8	305	18,827	4.02	756	11	17,152	3.73	640	2-73		44	626	.05	30	51
91-58-0110	7950381	010288790	11-68	2	305	25,650	4.00	1027	13	19,515	3.66	715	1-73		38	1,034	.12	56	89
L 91-58-0122	5857354	1393058	7-63	4	298	23,213	3.25	754	8	17,670	3.60	637	8-72		33	838	-.07	20	51
91-58-0122	6823972	1277619	3-67	4	301	23,358	3.42	798	9	16,610	3.55	590	1-73		44	1,015	-.05	28	65
91-58-0132	7472621	1435095	11-69	2	305	24,395	3.33	812	34	17,560	3.62	635	2-73		40	730	.00	27	52
91-58-0193	7580964	1458744	5-70	1	305	19,790	3.65	722	25	15,570	3.92	611	7-72		36	754	-.03	23	50
91-58-0193	7580969	1454800	4-70	1	305	27,460	3.31	908	25	16,780	3.61	606	2-73		36	823	-.04	24	54
91-58-0197	6604846	1307195	7-66	4	305	20,280	3.46	702	28	15,413	3.62	558	4-72		43	781	-.01	26	54
91-58-0197	6626337	1315526	2-64	3	305	20,550	3.68	757	26	15,113	3.67	555	4-72		35	817	-.01	28	57
91-58-0198	6651891	1303502	12-64	4	285	22,045	3.65	804	19	17,320	3.67	636	1-73		44	726	.01	28	53
91-58-0198	7301574	1261857	5-67	3	257	20,647	3.59	742	28	17,903	3.59	643	2-73		42	697	.05	33	56
91-58-0217	7165912	1427381	5-68	2	305	18,430	3.26	600	11	14,320	3.60	516	8-71		40	1,078	.00	38	76
L 91-58-0221	6614215	1307195	8-65	4	305	19,185	3.63	697	23	15,215	3.44	523	5-72		43	664	.03	29	51
91-58-0221	7447243	1512599	8-69	2	300	19,360	3.56	690	32	15,310	3.58	548	12-72		37	694	.01	27	51
91-58-0223	6776039	1261857	4-67	4	304	20,610	3.88	799	13	17,418	3.55	618	2-73		44	762	.10	43	67
91-58-0223	7322290	1413165	6-68	3	305	22,490	3.15	708	9	16,793	3.63	609	8-72		42	1,011	-.16	12	51
91-58-5012	6980359	1458744	12-67	2	305	20,220	3.34	676	10	15,780	3.68	580	5-72		40	874	-.05	24	56
91-58-5012	7678376	1427381	7-70	1	305	18,850	3.76	708	25	14,320	3.77	540	10-72		36	1,043	.05	45	80
91-58-5012	7678377	1427381	7-70	1	287	16,520	3.65	603	20	14,350	3.71	532	12-72		36	868	.04	37	66
91-58-5057	7088964	1385225	7-68	2	305	20,800	3.62	752	20	16,240	3.66	594	4-72		40	865	-.01	30	60
91-58-5057	7102824	1416897	3-67	4	305	19,495	4.13	806	16	15,730	3.90	613	10-72		43	724	.05	33	57
91-58-5057	7772145	1416897	4-69	2	305	25,205	3.54	893	18	16,015	3.89	623	10-72		40	1,206	-.04	37	80
L 91-58-5057	7988174	1422655	12-70	1	305	21,860	3.99	873	13	16,550	3.98	658	12-72		35	653	.04	30	52
91-58-5110	6069325	1339090	7-63	6	305	31,993	3.55	1137	11	17,128	3.77	645	2-72		35	2,682	-.01	94	188
91-58-5110	6590194	1474506	8-66	4	305	25,837	3.50	904	14	19,470	3.66	712	5-72		34	1,154	-.02	39	80
91-58-5110	6868241	1385225	6-67	3	305	21,546	4.07	876	14	19,383	3.56	691	6-72		42	718	.08	38	61
91-58-5110	6884401	1474506	10-67	3	305	21,400	4.36	934	10	18,556	3.74	694	9-72		32	586	.14	43	60
91-58-5110	7296159	010260599	3-63	3	300	23,713	3.45	818	6	17,843	3.56	636	8-72		42	939	-.07	23	57
91-58-5110	7528723	1385225	1-70	1	305	27,930	3.54	988	17	19,320	3.54	683	4-72		35	1,112	-.01	39	78
91-58-5132	6444893	1297472	10-64	6	305	20,338	3.84	781	44	14,992	3.66	548	11-72		44	754	.06	37	62
91-58-5132	6907623	1483722	7-67	4	302	22,237	2.86	637	47	15,312	3.72	570	10-72		36	1,231	-.19	14	62
91-58-5132	6977121	1483722	10-67	4	305	19,417	3.85	747	42	15,910	3.63	577	1-73		36	769	.00	28	55
91-58-5132	7773820	1422655	11-70	1	305	22,100	3.67	811	40	15,540	3.69	574	12-72		35	733	.02	30	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
91-58-5132	7846433	010288790	7-67	3	271	19,330	3.56	688	48	16,306	3.56	581	1-73		41	670	.06	33	$ 55
91-58-5198	6837431	1303502	8-65	5	305	20,176	4.08	823	30	16,506	3.78	624	12-72		44	597	.07	32	51
91-58-5198	7826153	1450228	11-70	1	305	19,260	3.83	738	36	15,610	3.72	580	1-73		36	791	-.01	27	55
91-62-0001	6474941	010270594	8-63	4	305	25,993	3.52	914	61	15,820	3.53	558	2-73		30	1,583	-.01	56	111
91-62-0002	6825430	1385225	3-67	4	305	20,610	3.06	631	94	16,120	3.57	575	4-73		43	944	-.08	21	56
91-62-0002	7373658	1357797	4-69	2	305	23,890	3.69	882	90	16,360	3.61	590	3-73		40	1,012	.11	53	86
91-62-0009	6242164	1292829	9-64	5	305	23,660	3.34	790	83	17,960	3.58	643	10-72		44	923	-.06	24	58
91-62-0009	6747296	1261857	8-66	4	303	20,655	3.66	756	91	18,055	3.61	652	1-72		44	704	.06	34	57
91-62-0021	6876693	1261857	5-66	4	294	19,763	3.76	743	64	17,118	3.43	587	8-72		44	687	.09	39	61
91-62-0021	7726192	1447414	8-70	1	291	21,340	3.59	766	70	17,370	3.64	632	11-72		36	943	-.03	29	63
91-62-0021	8000632	1450228	12-70	1	305	21,910	2.98	653	46	17,650	3.43	605	3-73		36	867	-.07	20	52
91-62-0220	6392731	1297472	6-65	5	303	21,608	3.43	741	28	15,692	3.42	537	2-73		44	847	.02	33	62
91-62-0222	6905194	1386406	10-67	3	305	23,273	3.43	799	12	18,096	3.53	639	9-72		42	869	-.01	30	60
91-62-5001	6466041	1440227	11-65	3	305	20,240	3.54	716	46	15,427	3.47	535	11-72		29	709	.00	26	51
91-62-5001	7201894	1416897	8-68	2	301	21,140	3.38	714	63	16,320	3.57	582	1-72		40	767	-.04	22	50
91-62-5001	7447254	1422655	6-69	2	305	19,625	3.68	723	54	15,585	3.58	558	9-72	B	39	642	.03	28	50
91-62-5002	6230938	1321985	11-64	6	302	22,815	3.49	796	90	16,866	3.56	600	9-72		44	846	-.02	28	58
91-62-5002	6922450	1471445	7-67	3	305	21,273	3.33	709	117	16,260	3.55	577	3-72		42	771	-.01	26	53
91-62-5002	6922453	1485378	8-67	3	301	22,333	3.16	706	110	16,116	3.56	574	3-72		39	1,030	-.06	27	64
91-62-5002	6922459	1485378	9-67	3	305	20,106	3.48	699	102	16,243	3.55	577	4-72		39	746	-.01	25	51
91-62-5002	6996541	1485378	8-67	3	305	20,353	3.29	670	91	16,206	3.53	572	7-72		39	779	-.04	22	50
91-62-5002	7145440	1251271	9-68	2	305	22,345	3.29	736	126	16,330	3.59	586	3-72		40	825	-.06	20	50
91-62-5002	7176354	1357797	5-68	3	294	19,177	3.85	738	92	15,703	3.68	578	9-72		42	631	.12	41	60
91-62-5002	7176355	1357797	6-68	3	304	20,010	3.92	784	95	15,817	3.67	580	11-72		42	718	.13	46	68
91-62-5002	7176356	1357797	7-68	3	295	21,060	3.63	764	100	15,747	3.67	578	10-72		42	846	.09	44	71
91-62-5002	7176358	1347940	9-68	2	305	20,750	3.76	780	133	15,985	3.63	580	1-72		40	979	.02	39	73
91-62-5002	7176359	1347940	9-68	3	293	20,400	3.39	691	112	16,003	3.66	585	11-72		42	990	-.04	30	65
91-62-5002	7176360	1347940	9-68	2	298	19,920	3.54	706	108	15,880	3.61	574	6-72		40	903	.00	32	64
91-62-5002	7272771	1347940	12-68	2	305	19,275	3.30	637	113	16,115	3.58	577	3-72		40	819	-.04	24	53
91-62-5002	7272774	1347940	2-69	2	305	19,220	3.06	588	87	15,960	3.55	567	7-72		40	826	-.06	20	50
91-62-5002	7500591	1385225	12-69	1	305	21,840	3.37	737	108	16,100	3.68	593	3-72		35	847	-.03	26	56
91-62-5107	7369343	1383004	2-69	1	305	24,040	3.93	944	9	15,810	3.72	588	12-72		36	579	.13	41	58
91-62-5165	5199138	1344679	11-60	6	305	25,568	3.44	879	24	17,247	3.51	605	7-72		44	847	-.01	29	59
91-64-0135	7495742	1427381	11-68	2	283	18,805	3.79	712	20	16,050	3.53	567	1-73	B	40	976	.06	45	77
91-66-0008	7480627	1422655	7-69	1	305	24,390	3.12	762	25	12,790	3.53	452	6-72		35	1,077	-.03	34	72
91-68-5060	7070282	1347940	5-68	2	305	21,870	3.16	692	25	17,860	3.40	608	7-72		40	941	-.04	28	62
91-68-5060	7300242	1444935	10-67	3	305	24,470	3.48	852	27	19,146	3.50	670	1-73		38	943	-.02	31	64
91-68-5060	7300243	1444935	10-67	2	304	25,430	3.45	878	26	19,495	3.58	697	2-72	H	35	930	-.03	29	62
91-68-5060	7672567	010275932	2-70	1	305	26,640	3.60	958	29	20,020	3.46	693	3-72		36	695	.03	30	53
91-70-0002	7362904	1438535	6-69	2	305	19,535	3.67	717	20	14,205	3.58	508	1-73		40	843	.04	37	65
91-70-0002	7653617	1438535	8-70	1	305	20,240	3.25	658	22	14,340	3.62	519	1-73		35	769	.00	27	54
91-70-0025	7419321	1385225	12-67	3	305	18,276	3.36	614	14	14,856	3.46	514	7-72		42	759	-.02	24	51
91-70-0030	7350531	1438535	5-69	2	302	18,625	3.91	728	29	13,580	3.60	489	9-72		40	801	.07	40	66
91-70-0030	7536320	1438535	2-70	1	305	19,370	3.98	770	27	14,130	3.51	496	4-72		35	716	.07	37	60
91-70-0043	6847042	1495881	5-67	3	304	19,853	3.87	769	17	14,283	3.58	511	11-72		41	1,059	.02	41	77
91-70-0043	7535586	1422655	8-69	2	305	18,820	4.03	758	23	14,370	3.70	532	8-72		39	659	.07	34	55
91-72-0020	7483624	1500404	11-69	2	305	24,375	3.14	766	84	18,325	3.38	620	2-73		40	1,125	-.12	21	63
91-72-0032	7072030	1441148	3-68	3	305	22,433	3.46	777	14	14,477	3.65	528	1-73		42	683	.02	27	50
91-72-0032	7538346	1458744	8-69	1	305	21,580	2.96	638	16	14,730	3.55	523	12-72		36	937	-.08	22	57
91-72-5020	6501274	1307195	11-65	4	305	19,853	3.98	791	92	17,003	3.49	593	12-72		43	569	.09	34	52
91-72-5020	6590182	1469741	7-66	5	303	22,848	4.05	925	101	17,422	3.47	604	12-72		36	918	.13	53	82
91-72-5020	6791302	1357033	12-66	4	305	22,375	3.71	829	84	17,365	3.36	584	4-72		44	654	.04	30	52
91-72-5020	6893017	1478480	7-67	3	305	26,993	3.10	837	91	17,683	3.52	622	1-72		33	1,499	-.14	32	80
91-72-5020	7355593	1438535	4-69	2	305	19,005	3.75	713	117	16,640	3.47	577	7-72		40	590	.06	31	50
91-72-5020	7586371	1500404	1-70	1	305	21,540	3.50	754	121	16,180	3.42	554	7-72		35	809	-.08	20	53
91-72-5020	7623856	1438535	3-70	1	305	24,530	3.40	833	149	16,490	3.42	564	8-72		35	963	.02	38	71
91-72-5020	7623857	1438535	3-70	1	305	20,370	3.62	738	115	16,190	3.41	552	7-72		35	667	.05	31	53
91-72-5020	7730608	1493686	10-70	1	305	20,990	3.66	768	106	17,900	3.44	616	12-72		36	678	.04	31	54
91-72-5020	7805020	1531866	6-70	1	305	21,930	3.21	705	155	16,450	3.44	566	8-72		34	846	-.07	20	51
91-72-5028	6313503	1205185	1-65	6	303	21,795	3.24	707	91	15,822	3.54	560	7-72		38	846	-.05	23	54
91-72-5028	6625201	1467293	5-66	4	305	23,777	3.28	779	129	15,307	3.59	549	2-72		39	1,400	-.06	41	91
91-72-5028	6761379	1478014	12-66	3	304	19,530	3.50	684	39	15,947	3.49	557	12-72		42	687	.02	28	51
91-72-5028	7300265	1427381	1-69	2	305	19,000	3.67	698	63	15,735	3.50	551	12-72		40	1,021	.05	45	79
91-72-5028	7452159	1458744	3-69	2	305	26,810	2.91	780	57	14,820	3.50	518	7-72		40	1,621	-.11	40	99
91-72-5028	7628408	1467293	4-70	1	305	20,740	3.63	752	48	16,300	3.49	569	12-72		30	676	.02	27	50
91-74-0017	6478051	1440035	9-65	5	305	20,448	3.49	714	23	14,516	3.61	524	8-72		36	1,084	-.04	32	71
91-74-0017	6932379	1385225	7-67	3	305	18,596	3.46	643	22	14,386	3.66	527	8-72		42	840	-.03	26	56
91-74-0025	6082698	1385225	1-64	2	305	18,160	3.81	691	14	15,300	3.67	561	3-72		40	673	.02	27	50
91-74-0038	7885339	1427615	1-70	2	305	19,840	3.50	694	14	15,190	3.84	584	3-73		40	923	-.12	15	50
91-74-0144	7807032	010284787	4-65	2	305	20,590	3.79	781	37	14,980	3.58	537	1-73		25	719	.03	31	55
91-74-0169	6558702	1357743	5-66	4	305	20,910	3.87	810	14	16,060	3.74	601	6-72		44	728	.01	28	53
91-74-0169	6568062	1298430	7-66	4	292	24,428	3.48	849	14	15,685	3.74	586	5-72		44	936	-.04	20	62
91-74-0169	7430819	1427381	8-69	2	305	18,915	4.10	776	10	15,385	3.89	598	12-72		40	1,041	.07	49	83
91-74-0175	6558690	1330987	4-66	5	301	18,654	3.83	714	14	15,786	3.76	594	11-72		44	641	.05	31	52
91-74-0186	5009453	1153997	9-59	10	305	23,161	3.32	769	10	15,352	3.65	561	5-72		44	1,092	-.08	27	67
91-74-0219	7289749	1438535	2-69	2	303	18,110	3.89	705	20	14,775	3.78	558	9-72	B	40	651	.06	32	53
91-74-0222	6017626	1330987	1-64	6	305	26,256	3.72	977	6	18,848	3.54	668	5-72		44	1,306	.06	57	101
91-74-0222	6658982	1410984	6-66	4	297	25,917	3.39	878	5	19,325	3.72	718	2-73		44	792	-.03	24	52
91-74-0253	7618387	1385225	12-69	1	305	23,820	3.29	784	16	17,310	3.56	617	7-72		35	923	-.03	28	61
91-74-0261	7559177	1447414	11-69	1	305	20,040	3.30	662	7	15,700	3.61	566	5-72		36	946	-.06	25	59
91-74-5047	6645935	1307195	10-66	4	305	21,963	3.54	778	44	16,085	3.83	616	10-72		43	924	-.02	30	63
91-74-5047	7136864	1501069	10-67	3	305	20,917	3.69	771	32	16,520	3.87	639	5-72		31	771	-.02	24	51
91-74-5047	7550944	1422655	8-69	2	305	22,135	3.81	843	45	16,795	3.78	635	11-72		39	801	.03	34	61
91-74-5047	7550947	1438535	12-68	2	305	20,375	3.76	767	34	17,140	3.75	643	12-72		40	689	.04	31	54
91-74-5047	7743748	1308101	8-70	1	305	21,400	3.19	683	46	16,270	3.76	612	9-72		36	1,020	-.07	25	62

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	T C D	REPT	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
91-74-5047	7902372	1422655	2-69	2	305	21,255	3.54	753	37	16,675	3.76	627	7-72		39	720	-.01	25	$ 50
91-78-0132	7496922	1427381	9-69	2	293	20,325	3.32	674	34	18,030	3.43	619	10-72		40	969	.01	37	70
91-78-0140	6212349	1199324	6-64	5	305	18,912	3.73	706	53	16,746	3.62	607	1-72		44	756	.01	29	55
91-78-0140	6593479	1465678	6-66	4	305	20,047	3.70	741	55	16,162	3.63	586	11-72		40	915	.01	35	67
91-78-0140	6642745	1458744	8-66	4	305	19,062	3.66	697	45	16,277	3.55	578	10-72		44	762	.00	28	54
91-78-0140	6642750	1458744	9-66	3	305	20,790	3.94	820	53	17,633	3.56	627	1-72		42	819	.05	* 37	64
91-78-0140	6642752	1458744	10-66	3	305	20,320	3.62	736	52	16,796	3.61	607	11-71		42	842	.00	30	59
91-78-0140	7165922	1428104	9-68	2	305	24,210	3.35	811	61	18,200	3.62	659	1-72		40	1,121	-.10	24	66
91-78-0140	7259331	1244009	9-68	3	304	24,603	3.53	869	54	17,740	3.59	637	2-73		42	1,220	-.04	37	81
91-78-0140	7335255	1498939	3-69	2	305	21,540	3.62	780	41	15,925	3.76	599	10-72		30	752	-.03	23	50
91-78-0140	7434575	1347940	9-69	1	305	20,690	3.69	764	45	15,890	3.79	602	9-71		36	874	.00	32	62
91-78-0140	7636306	1458744	7-70	1	305	20,760	3.35	696	58	16,520	3.59	593	9-72		36	769	-.03	23	51
91-78-0140	7708666	1458744	8-70	1	305	21,410	3.27	701	53	16,690	3.59	600	8-72		36	808	-.05	22	51
91-78-0140	7708670	1458744	10-70	1	305	22,440	3.36	754	57	16,880	3.60	608	11-72		36	873	-.03	26	57
91-78-0140	7845366	1458744	1-71	1	305	22,260	3.20	713	37	16,950	3.53	598	3-73		36	856	-.04	24	55
92-02-5024	7424240	1438535	5-69	2	284	20,040	3.89	779	36	15,745	3.74	589	5-72		40	769	.06	37	62
92-02-5024	7498807	1438535	6-69	1	305	21,910	3.59	787	37	16,730	3.77	630	4-72		35	751	.02	30	56
92-02-5024	7558203	1438535	11-69	2	305	20,635	3.66	756	34	15,995	3.76	601	12-72		40	809	.03	33	61
92-02-5024	7591857	1427615	3-70	1	305	22,910	3.45	791	52	16,750	3.79	635	2-72		36	958	-.12	16	52
92-03-0042	7029370	1381871	8-67	3	305	25,670	3.40	873	13	17,297	3.50	606	2-72		42	906	.03	38	69
92-03-0042	7309242	1438535	2-69	2	305	19,880	3.86	767	15	16,590	3.68	610	9-72		40	684	.06	34	56
92-03-0042	7621907	1422655	11-69	1	305	27,850	3.10	863	13	18,930	3.56	674	1-72		35	966	-.04	28	63
92-03-0064	6002761	1244009	11-63	5	305	19,850	3.36	667	38	15,834	3.55	562	10-72		44	896	-.07	22	55
92-03-0064	6291005	1251271	1-65	6	305	21,080	3.33	701	39	15,852	3.56	565	4-73		44	878	-.06	22	54
92-03-0064	6808312	1414646	2-67	4	305	21,590	3.46	747	37	16,735	3.50	586	3-73		34	724	.00	26	51
92-03-0120	7523837	1447414	8-69	2	298	18,680	3.50	654	23	15,955	3.77	602	6-72		40	874	-.05	23	55
92-03-0133	7005191	1417208	2-68	3	305	21,463	3.54	759	22	18,100	3.65	660	9-72		42	787	-.01	27	55
92-03-0133	7018035	1357743	3-68	3	305	24,597	3.12	767	10	18,163	3.51	637	6-72		42	917	-.10	17	52
92-03-0135	6701872	1361933	9-66	4	305	25,865	2.96	765	5	16,033	3.42	549	5-72		43	1,443	-.14	30	84
92-06-0035	6505520	1299222	2-66	4	305	17,895	3.57	638	29	15,212	3.69	562	8-72		42	782	-.04	22	50
92-06-0035	7439572	1464901	10-69	2	305	17,060	4.28	731	28	14,610	3.68	538	11-72		38	771	.05	35	61
92-06-0035	7439574	1464901	12-69	1	305	18,360	3.71	681	40	15,780	3.73	588	11-71		34	767	-.02	24	51
92-06-0035	7460641	1464901	12-69	2	288	17,375	3.75	651	32	15,050	3.75	565	12-72		38	767	-.02	25	52
92-06-0035	7460642	1464901	12-69	1	305	18,430	4.16	767	44	16,060	3.72	597	1-72		34	755	.02	30	56
92-06-0093	7108082	1396740	8-68	3	304	22,780	2.97	676	18	15,397	3.48	536	1-73		42	862	-.05	24	55
92-06-5049	5980721	1271075	11-63	7	305	20,137	3.32	668	13	17,177	3.57	614	12-72		44	833	-.04	23	53
92-06-5049	6528694	1297472	3-66	4	305	24,398	3.29	802	22	17,370	3.48	604	6-72		43	991	-.02	33	68
92-06-5049	7242286	1413165	11-67	3	305	26,280	2.95	774	20	17,543	3.41	598	4-72		42	1,378	-.18	21	74
92-13-0026	7304069	1438535	3-69	2	305	21,365	4.03	860	24	17,270	3.68	636	9-72		40	780	.08	41	66
92-13-0062	6588900	1448282	4-66	4	304	21,782	2.95	642	108	13,725	3.62	497	11-72		35	1,162	-.13	21	65
92-13-0062	6799540	1458744	11-66	3	305	18,456	3.88	717	107	14,336	3.63	521	12-71		42	853	.03	35	64
92-13-0100	6965981	1283917	1-68	2	305	24,500	3.29	807	7	18,010	3.55	640	12-71		40	913	-.10	17	51
92-13-0109	7058324	1379917	8-67	3	305	19,973	3.52	703	5	16,150	3.57	576	11-72		41	833	-.03	26	56
92-13-0109	7475195	1451379	3-67	3	305	19,303	3.67	709	7	14,523	3.63	527	12-71		35	798	.01	30	58
92-16-0024	7617094	1385225	2-70	2	305	20,460	3.76	769	41	16,830	3.70	623	2-73		40	783	.01	30	57
92-16-5024	7365024	1438332	1-69	2	305	22,280	3.32	740	44	15,710	3.79	596	5-72		40	970	-.10	20	56
92-18-0008	7003984	1492894	1-68	3	305	21,807	3.51	766	26	16,533	3.53	584	1-73		29	806	-.01	28	56
92-18-0027	6785317	1468830	3-67	4	305	19,937	3.59	716	16	14,540	3.82	555	11-72		39	810	-.01	27	56
92-18-0051	6287313	1235822	1-65	5	305	20,128	3.58	720	15	15,312	3.55	543	5-72		44	750	.03	31	56
92-18-0051	6898943	1485378	9-67	3	305	19,606	3.76	737	17	15,883	3.62	575	8-72		39	720	.03	30	54
92-19-0128	6586163	1478931	5-66	4	305	20,490	3.67	753	9	17,295	3.61	624	4-73		33	720	.01	27	52
92-20-0033	6385396	1437724	9-65	4	305	21,622	3.61	780	29	14,762	3.73	551	2-72		35	966	-.04	29	64
92-20-0033	6907949	1450939	7-67	3	305	20,490	3.68	755	29	15,523	3.75	582	5-72		29	734	.00	27	52
92-20-0065	8001185	1450228	1-70	1	278	17,340	3.76	652	26	13,790	3.53	487	6-72		36	757	.00	27	53
92-20-0100	7439624	1399283	8-68	3	305	27,040	3.30	891	37	17,423	3.55	619	1-73		42	1,399	-.08	38	89
92-20-0103	7280166	1416897	10-68	1	305	23,190	3.82	887	23	13,820	3.99	551	3-72		35	951	.00	34	67
92-20-0103	7509841	1520341	7-69	1	305	25,580	4.17	1067	30	13,450	3.96	532	2-72		32	1,143	.03	46	85
92-22-0021	6584795	1271075	4-65	6	305	18,905	4.28	810	19	16,577	3.52	583	8-72		44	735	.12	45	68
92-22-5045	5989541	1179372	11-63	6	305	20,273	3.29	667	16	15,258	3.78	576	6-72		44	844	-.06	21	52
92-22-5045	6449684	1259069	8-65	5	305	21,028	3.64	766	15	16,110	3.71	597	12-72		44	794	-.03	24	52
92-22-5045	6809350	1283917	6-66	4	304	22,275	3.49	777	20	16,112	3.68	593	1-72		44	973	-.08	22	58
92-23-0027	6258856	1136564	11-64	2	302	21,810	3.03	660	9	15,745	3.43	540	5-72		38	1,046	-.09	23	62
92-23-0027	7310493	1366011	3-69	2	299	18,800	3.44	647	10	15,545	3.38	525	8-72		39	712	.02	29	53
92-23-0046	5980726	1244009	11-63	5	305	21,378	3.71	793	29	16,642	3.58	596	1-72		44	1,009	-.01	35	70
92-23-0046	7140236	1381871	9-68	2	305	24,545	3.74	918	40	17,725	3.60	638	9-72		40	623	.09	36	56
92-23-0046	7676872	1450228	10-70	1	305	22,480	3.68	828	43	17,680	3.50	618	2-73		36	908	.00	32	64
92-23-0047	7433039	1447414	9-69	1	305	20,600	3.27	673	39	16,820	3.54	595	7-72		36	921	-.06	24	58
92-23-0047	7591847	1438535	12-69	2	305	23,355	2.80	655	47	17,300	3.46	598	12-72		40	980	-.08	23	59
92-23-0089	6241162	1271075	6-64	6	305	20,333	3.17	645	24	16,622	3.46	575	10-72		44	917	-.06	24	57
92-23-0089	6991604	1385225	12-67	3	305	21,440	3.36	721	27	16,440	3.55	583	1-73		42	980	-.03	30	65
92-23-0106	6310185	1322863	11-64	6	305	21,823	3.62	789	7	14,863	3.58	532	12-72		42	1,167	.00	42	83
92-23-0106	6346983	1437633	4-65	6	304	18,661	3.32	620	12	15,468	3.58	554	12-72		42	865	-.07	20	52
92-23-0106	6505521	1330987	11-65	5	300	19,614	3.45	676	9	15,490	3.54	549	2-72		44	796	.02	31	58
92-23-0106	7819063	1458744	1-71	1	305	22,540	3.36	758	11	18,590	3.30	614	4-73		36	779	-.01	26	53
92-23-0108	7653757	1493312	5-70	1	305	24,330	3.16	770	30	17,160	3.57	612	11-72		24	885	-.10	17	50
92-23-0129	6834858	1261857	8-66	4	301	21,925	3.58	785	16	17,408	3.80	662	3-72		44	925	.02	37	69
92-23-0129	7408733	1447414	10-69	2	305	22,215	3.43	761	18	18,705	3.61	676	4-73		40	1,009	-.05	28	64
92-23-0163	7176689	1416897	7-68	2	304	24,140	3.27	789	5	16,860	3.91	659	8-72		40	1,029	-.09	23	61
92-27-0030	6776082	1242221	1-67	4	305	19,315	3.91	755	38	14,583	3.66	534	2-73		42	1,185	.04	49	89
92-27-5030	5771572	1307195	11-62	5	305	18,040	4.00	722	33	14,454	3.57	516	7-72		44	616	.08	34	54
92-27-5129	7374800	1520341	12-68	2	305	19,220	3.79	728	10	13,575	3.95	536	11-72		36	763	-.02	24	51
92-28-0047	7416341	1392858	10-69	2	305	20,705	3.76	779	15	16,470	3.67	605	1-73		40	639	.05	30	51
92-28-0047	7568413	1392858	12-69	2	299	21,555	3.63	782	17	16,025	3.66	586	1-73		40	762	.02	31	57
92-28-0076	7424239	1438535	4-69	3	249	20,970	3.60	754	30	17,993	3.70	665	2-73		42	723	.02	29	54
93-04-9041	7284266	1507995	9-68	3	302	21,586	3.75	810	18	16,010	3.37	540	3-73		33	882	.05	40	69

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T D	C REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOL-LARS
93-04-9041	7846361	1545723	9-70	1	305	21,590	3.78	816	21	14,290	3.31	473	11-72		29	529	.11	36	$ 52
93-04-9042	6862010	1471748	4-67	4	301	21,548	3.45	743	10	15,823	3.66	579	10-72		33	935	-.03	29	62
93-07-0002	6705941	1222994	1-67	4	301	21,270	3.52	749	493	17,805	3.69	657	2-73		44	756	-.02	24	51
93-07-0002	7063080	1347940	2-68	3	299	22,840	3.53	807	412	17,803	3.64	648	4-72		42	1,105	-.01	38	77
93-10-0036	7287058	1427604	3-68	3	304	23,087	3.41	787	33	19,107	3.46	661	1-73		33	815	-.01	28	57
93-10-0036	7546585	1496424	11-69	1	305	20,980	3.78	794	9	17,570	3.34	587	10-72		27	591	.06	31	50
93-10-0044	6573200	1271075	5-66	1	305	24,760	3.56	881	225	16,030	3.64	584	7-72		35	1,116	-.01	39	78
93-10-0044	6835774	1261857	4-67	4	293	20,675	3.71	767	194	16,178	3.47	562	7-72		44	892	.08	45	74
93-10-0044	7055134	1473728	2-68	3	305	21,413	3.77	808	171	16,716	3.42	572	7-72		37	893	.06	42	72
93-10-0044	7204283	1515207	10-68	3	261	20,533	3.47	712	194	17,890	3.49	625	1-73		35	887	.01	33	64
93-10-0044	7341118	1484825	6-68	3	299	23,900	3.27	782	203	18,056	3.49	631	1-73		34	997	-.07	25	61
93-10-0094	7327202	1366011	4-69	1	305	21,940	3.92	860	20	16,150	3.52	568	4-72		35	846	.07	41	69
93-10-0140	7646118	1499581	8-69	2	300	24,505	3.25	796	10	18,420	3.56	656	11-72		35	1,335	-.04	41	89
93-10-0167	6629619	1237057	8-66	4	302	25,920	3.16	818	46	18,705	3.33	622	7-72		44	1,177	-.09	28	71
93-10-0167	6893420	1347448	3-67	4	299	25,492	3.13	798	68	19,535	3.26	637	1-73		43	957	-.03	29	63
93-10-0167	7133583	1289121	6-67	3	305	27,727	3.11	862	58	19,713	3.24	638	6-72		41	998	-.09	22	59
93-10-0167	7208519	1496424	6-68	3	305	22,313	3.97	886	55	18,933	3.58	677	6-72		35	775	.09	42	67
93-10-0167	7227995	1385225	1-69	2	305	23,610	4.22	997	53	19,965	3.36	671	10-72		40	848	.12	49	76
93-10-0167	7414482	1438535	6-69	2	291	23,255	3.40	791	61	19,758	3.53	697	3-73		40	770	.01	29	56
93-10-0167	7476713	1522634	3-69	2	305	27,095	2.52	684	69	19,145	3.41	653	11-72		31	1,573	-.25	16	77
93-10-0167	7479658	1522634	5-69	2	305	28,075	2.61	732	81	19,665	3.38	665	12-72		31	1,639	-.24	20	83
93-10-0167	7488406	1458744	8-69	2	305	25,660	3.20	820	76	19,830	3.33	660	2-73		40	1,097	-.05	32	71
93-10-0167	7488867	1458744	8-69	1	305	26,950	3.05	822	51	20,940	3.28	686	4-72		36	967	-.06	26	61
93-10-0167	7696976	1430145	8-70	1	305	27,420	3.60	987	55	20,130	3.36	676	4-73		35	868	.03	36	65
93-10-0207	6454679	1455386	9-65	5	297	23,932	2.94	703	18	17,646	3.43	605	3-73		38	1,026	-.16	12	52
93-10-0207	6639366	1389915	6-66	3	300	20,030	3.39	679	26	16,437	3.40	559	6-72		41	861	-.05	23	54
93-10-0207	7126168	1495445	6-68	2	305	21,495	4.23	909	27	18,090	3.33	603	2-72		25	519	.15	41	56
93-10-0207	7307034	1499581	8-68	3	294	24,516	2.98	730	30	18,273	3.38	617	2-73		38	1,434	-.08	38	90
93-10-0207	7708075	1427381	5-70	1	305	21,630	3.46	749	25	19,710	3.34	659	3-73		36	929	.05	41	72
93-10-0266	7748619	1458744	8-70	1	85	24,060	3.75	903	24	16,470	3.59	591	1-73	B	36	1,018	.01	38	73
93-10-0283	6981106	1222994	6-66	4	304	23,550	3.32	783	125	18,793	3.59	675	3-72		44	940	-.04	27	61
93-10-0291	7336588	1330987	11-68	1	305	24,810	3.55	881	5	18,110	3.59	650	7-72		36	827	.03	35	63
93-10-9011	5039013	1306235	3-59	7	305	23,507	3.62	852	14	17,149	3.53	606	7-72		35	944	.01	36	69
93-10-9011	5785107	1299222	2-63	6	299	20,206	3.10	626	15	17,043	3.50	597	2-72		43	902	-.10	17	51
93-10-9011	6733839	1437633	10-66	2	299	23,290	3.46	806	20	17,710	3.58	634	11-71		38	1,102	-.05	32	72
93-10-9011	6953044	1437633	8-67	3	289	23,920	3.52	843	13	17,526	3.53	619	3-72		40	1,264	-.03	40	85
93-10-9018	5823504	1401863	1-63	4	305	21,688	3.87	839	101	18,053	3.40	613	1-72		35	872	.09	46	74
93-10-9018	5823508	1199324	2-63	4	305	22,055	3.37	744	106	18,228	3.39	618	2-72		44	990	-.02	32	67
93-10-9018	6062304	1237057	10-63	5	305	23,066	3.34	770	87	17,788	3.55	631	12-72		44	945	-.08	22	57
93-10-9018	6252002	1242221	12-64	5	301	22,524	3.10	698	104	17,640	3.40	600	4-72		43	1,306	-.07	36	83
93-10-9018	6426763	1412599	11-65	5	305	24,228	2.91	706	84	17,786	3.45	614	8-72		38	1,079	-.15	16	57
93-10-9018	6624233	1451134	7-66	5	301	21,748	3.52	766	82	17,788	3.55	631	11-72		36	825	-.02	27	56
93-10-9018	6706074	1429869	12-66	4	301	23,445	3.73	874	102	18,127	3.51	636	10-72		37	789	.06	38	64
93-10-9018	6971455	1483087	11-67	3	305	24,996	2.83	708	101	18,686	3.46	647	3-72		37	1,400	-.18	21	74
93-10-9018	6982405	1383004	8-67	4	305	22,305	3.46	772	80	17,690	3.54	627	12-72		44	600	.07	32	51
93-10-9018	6982413	1483087	1-68	3	305	22,236	3.44	765	103	18,413	3.48	640	6-72		37	1,078	-.06	29	68
93-10-9018	6982417	1483087	2-68	3	305	28,683	2.75	788	95	18,226	3.52	641	9-72		37	1,913	-.23	31	104
93-10-9018	6982419	1483087	2-68	3	289	21,073	3.28	691	95	18,693	3.45	645	4-72		37	903	-.09	19	53
93-10-9018	7057973	1483087	4-68	4	295	25,892	3.12	807	84	18,627	3.50	652	4-73	B	38	1,576	-.14	34	93
93-10-9018	7057974	1483087	4-68	3	304	22,116	3.19	706	87	18,126	3.46	627	7-72		37	1,092	-.11	22	63
93-10-9018	7057976	1483087	5-68	3	294	20,496	3.15	646	82	17,863	3.52	629	9-72		37	914	-.11	15	50
93-10-9018	7170263	1383004	9-68	2	305	25,870	3.60	932	84	18,075	3.42	619	4-72		40	812	.12	47	72
93-10-9018	7170264	1383004	10-68	3	305	21,967	4.35	955	81	18,710	3.51	656	3-73		42	421	.23	50	59
93-10-9018	7211082	1451134	11-68	3	302	29,176	3.18	927	91	18,976	3.56	675	2-73		33	1,625	-.10	42	101
93-10-9018	7229198	1406271	1-69	2	305	20,555	3.93	807	96	18,480	3.54	654	9-72		40	664	.09	37	58
93-10-9018	7229199	1406271	1-69	2	304	26,630	3.09	824	105	19,165	3.50	671	3-72		40	1,225	-.04	37	81
93-10-9018	7274818	1406271	1-69	3	297	22,307	3.49	778	87	18,830	3.56	670	4-73		42	858	.02	34	63
93-10-9018	7339231	1406271	3-69	2	302	20,235	4.40	890	93	18,165	3.64	661	11-72		40	657	.14	45	64
93-10-9018	7400493	1451134	4-69	1	305	25,050	3.90	978	92	20,030	3.59	719	1-72		24	704	.04	31	55
93-10-9018	7400513	1493835	8-69	2	296	25,235	3.36	849	92	19,135	3.69	707	12-72		31	864	-.08	18	50
93-10-9018	7481614	1451134	10-69	1	305	25,960	3.44	894	90	19,990	3.58	715	3-72		24	788	-.03	24	52
93-10-9018	7511418	1451134	12-69	1	305	26,440	3.73	986	96	19,300	3.53	682	5-72		24	880	.02	34	64
93-10-9032	6885627	1374023	7-65	6	301	21,656	2.96	641	77	15,281	3.51	536	2-73		35	1,020	-.11	19	57
93-10-9040	7357964	1471445	4-69	2	290	23,380	3.48	813	91	16,145	3.61	583	1-73		40	923	.01	35	67
93-10-9040	7370140	1438535	7-69	2	302	24,575	3.60	884	82	15,675	3.76	590	10-72		40	1,237	.02	47	90
93-10-9040	7373866	1385245	6-69	1	305	22,880	3.40	779	81	15,920	3.60	573	3-72		35	936	-.02	30	63
93-10-9040	7373869	1438535	6-69	1	305	24,530	3.46	849	97	15,670	3.81	597	8-72		35	1,013	.00	37	72
93-10-9040	7435772	1407001	10-69	2	300	20,695	3.90	808	84	16,175	3.58	579	2-73		40	662	.07	35	56
93-10-9040	7633929	[illegible]	11-69	1	305	19,620	3.99	783	85	16,090	3.59	578	2-72		35	616	.07	33	53
93-10-9040	7633952	[illegible]8101	12-69	1	298	20,370	3.52	717	94	16,150	3.70	598	11-72		36	950	-.03	29	63
93-10-9040	7633953	[illegible]8101	2-70	1	288	20,450	3.47	710	94	15,670	3.71	581	6-72		36	985	-.04	29	64
93-10-9040	7800527	[illegible]9744	11-70	1	305	23,940	3.48	833	90	16,320	3.57	583	2-73		36	1,018	-.02	33	69
93-10-9058	5492799	1199324	8-61	3	305	23,940	3.53	844	169	18,330	3.73	683	12-72		42	1,168	-.03	37	79
93-10-9058	5910464	1415831	5-63	7	305	19,995	4.39	877	96	17,088	3.72	635	12-72		36	624	.15	45	63
93-10-9058	6[illegible]7272	1199324	7-64	6	305	22,772	3.57	814	124	17,928	3.67	658	5-72		44	1,132	-.02	37	77
93-10-9058	6791769	1458744	10-66	3	305	23,236	3.23	751	91	19,336	3.43	663	9-72		42	943	-.05	26	60
93-10-9058	6855039	1471968	11-66	4	304	21,440	3.64	781	139	17,900	3.73	667	9-72		38	779	-.03	23	51
93-10-9058	7383933	1496424	6-69	1	305	25,200	3.44	866	186	20,480	3.59	736	3-72		27	753	.00	27	53
93-10-9058	7555724	1471968	5-68	2	305	24,200	3.44	833	154	18,630	3.69	688	8-72		34	938	-.07	23	57
93-10-9058	7588952	1471968	8-68	3	297	23,540	3.72	875	114	19,300	3.69	712	4-73		37	873	-.02	29	60
93-10-9058	7588953	1471968	8-68	3	302	24,053	3.61	868	150	19,426	3.68	715	1-73		37	925	-.03	28	61
93-10-9058	7629740	1366011	1-70	1	305	23,060	3.40	785	175	19,430	3.66	711	5-72		35	731	.00	26	52
93-10-9058	7673869	1471968	11-68	2	302	24,305	3.38	822	151	19,375	3.65	708	4-72		34	883	-.08	20	53
93-10-9058	7902330	1459744	8-70	1	295	29,390	3.29	967	191	18,680	3.74	699	11-72		36	1,284	-.06	36	82
93-10-9058	7913926	1347940	6-70	1	305	33,480	3.02	1010	197	18,670	3.71	693	9-72		36	1,661	-.10	44	104

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C RPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-10-9156	7077356	1414558	3-68	3	305	23,793	3.26	775	21	15,156	3.43	520	11-72	32	1,132	-.04	35	$ 75
93-10-9156	7318448	1476487	11-68	3	298	21,953	3.17	695	24	15,023	3.53	531	4-73	29	999	-.08	24	61
93-10-9156	7891807	1491146	2-71	1	305	21,350	3.54	756	21	14,620	3.54	517	2-73	23	758	.00	27	53
93-10-9175	5364782	1339594	2-61	2	305	24,375	3.82	930	122	20,555	3.66	753	3-72	25	634	.04	29	50
93-10-9175	5943357	1244009	10-63	6	305	23,063	3.43	792	99	18,411	3.59	661	5-72	44	1,044	-.06	28	66
93-10-9175	6282415	1432243	2-64	6	305	26,360	3.05	804	103	17,991	3.60	647	10-72	39	1,304	-.13	26	75
93-10-9175	6282418	1242221	10-64	5	302	23,322	3.44	803	127	18,770	3.54	664	1-72	43	1,292	-.02	43	89
93-10-9175	6338889	1271075	10-64	6	305	21,907	3.53	773	103	18,515	3.55	657	2-73	44	925	-.01	32	64
93-10-9175	6689691	1473728	3-66	5	301	22,854	3.38	773	94	19,568	3.59	702	3-73	40	840	-.03	26	56
93-10-9175	6693999	1473728	8-65	5	305	24,406	3.38	824	109	18,984	3.57	678	4-72	40	1,123	-.03	36	76
93-10-9175	6694001	1473728	1-66	4	305	21,902	4.21	922	97	18,487	3.62	670	5-72	39	806	.13	49	74
93-10-9175	6726593	1458744	9-66	4	277	21,660	3.47	752	35	15,942	3.68	586	10-72	44	1,116	-.04	34	74
93-10-9175	6776268	1455386	1-67	3	305	27,916	2.85	795	104	18,110	3.69	668	9-72	36	1,390	-.21	16	70
93-10-9175	6786103	1471968	12-66	3	305	22,910	3.21	735	95	17,926	3.61	647	9-71	37	932	-.10	18	53
93-10-9175	6868740	1473728	10-66	3	303	25,986	3.24	842	101	19,076	3.65	696	6-72	37	1,230	-.06	34	78
93-10-9175	6868741	1473728	10-66	3	305	22,983	3.74	860	97	18,850	3.61	681	1-72	37	876	.04	38	67
93-10-9175	6981108	1418050	7-67	3	294	22,537	3.90	878	106	19,893	3.57	711	2-73	37	580	.07	32	50
93-10-9175	6981133	1473728	1-67	4	268	23,217	3.36	781	96	20,230	3.57	723	3-73	39	796	-.03	24	52
93-10-9175	6981136	1473728	3-67	3	305	24,430	3.60	880	93	18,356	3.67	674	7-72	37	1,107	.01	41	79
93-10-9175	6986096	1493435	4-67	3	304	24,563	3.23	794	111	19,950	3.61	720	1-72	35	1,001	-.11	19	57
93-10-9175	6987801	1418050	11-66	4	305	26,573	3.55	944	103	19,828	3.62	717	2-73	39	1,157	.00	42	82
93-10-9175	6987804	1459740	3-67	3	305	28,370	3.17	900	110	19,466	3.65	710	6-72	37	1,202	-.1/	34	69
93-10-9175	7134837	1236721	5-67	3	299	22,137	3.65	807	124	20,193	3.60	727	2-72	38	726	.01	27	52
93-10-9175	7189460	1427381	7-68	2	301	23,530	3.83	901	120	20,885	3.63	758	1-72	40	1,063	.07	49	84
93-10-9175	7199726	1473728	2-67	3	305	22,500	4.29	966	98	18,660	3.63	677	3-72	37	835	.14	51	77
93-10-9175	7199737	1493435	5-67	4	300	24,767	3.29	816	111	20,502	3.59	736	2-73	37	1,014	-.10	21	39
93-10-9175	7199748	1473728	9-67	3	300	23,543	3.45	813	104	19,050	3.66	697	6-72	8 37	926	-.02	30	63
93-10-9175	7205261	1493435	2-68	3	305	25,403	3.28	834	106	19,183	3.65	700	7-72	35	1,190	-.11	20	70
93-10-9175	7239238	1427615	1-69	2	305	29,645	3.36	997	120	20,785	3.64	757	2-72	40	1,464	-.13	3.	85
93-10-9175	7292349	1499581	10-68	2	305	31,930	3.33	1062	123	20,440	3.65	746	4-72	35	1,971	-.05	62	132
93-10-9175	7292351	1515207	10-68	2	305	22,120	4.15	917	117	20,325	3.67	745	5-72	32	815	.10	45	71
93-10-9175	7339558	1499581	12-68	3	299	23,260	3.76	875	119	20,766	3.61	750	1-73	38	1,029	.04	43	78
93-10-9175	7384359	1427615	2-69	2	305	24,950	3.24	809	122	20,200	3.65	738	12-72	40	1,035	-.15	14	54
93-10-9175	7486999	1418050	2-68	3	298	25,870	3.58	925	109	20,183	3.65	737	12-72	37	969	.00	35	69
93-10-9175	7489175	1464901	7-69	1	305	26,880	3.16	850	120	19,180	3.77	723	6-72	34	1,213	-.09	29	74
93-10-9175	7505377	1499581	3-69	2	305	27,525	3.46	951	107	19,140	3.71	711	6-72	35	1,603	-.03	55	110
93-10-9175	7505378	1406271	3-69	2	305	23,665	4.20	994	111	18,990	3.73	708	7-72	40	938	.12	52	82
93-10-9175	7505380	1458744	1-69	2	302	24,725	3.99	987	115	19,740	3.70	730	7-72	40	1,010	.05	44	78
93-10-9175	7505385	1471968	3-68	3	302	23,633	3.50	828	102	19,476	3.68	717	11-72	37	867	-.06	22	54
93-10-9175	7518820	1347940	7-69	1	305	25,230	3.23	814	123	20,560	3.69	758	2-72	36	934	-.05	26	60
93-10-9175	7532257	1499581	6-68	2	305	29,340	3.39	995	109	19,665	3.69	725	7-72	35	1,756	-.04	57	119
93-10-9175	7532260	1473728	6-68	2	305	26,100	3.83	1000	117	20,370	3.64	742	4-72	35	1,026	.05	45	79
93-10-9175	7532267	1473728	5-68	3	305	23,283	3.96	923	105	20,946	3.59	753	2-73	37	703	.00	38	60
93-10-9175	7536210	1493435	6-69	2	303	26,400	3.54	934	115	20,315	3.67	747	4-72	32	1,098	-.05	31	71
93-10-9175	7536212	1493435	6-69	1	305	24,700	3.73	921	112	19,370	3.71	719	11-71	27	829	-.03	25	55
93-10-9175	7536222	1473728	5-68	2	298	24,815	3.87	961	112	20,695	3.62	749	1-72	35	855	.06	40	68
93-10-9175	7536794	1404814	10-69	1	305	26,430	3.44	908	120	19,190	3.77	723	6-72	36	737	.00	27	53
93-10-9175	7558979	1427381	1-70	1	290	24,990	3.26	814	127	21,580	3.57	771	1-73	36	1,068	.00	39	76
93-10-9175	7591316	1499581	8-68	3	299	23,630	4.31	1018	92	20,463	3.63	742	3-73	38	1,106	.14	62	97
93-10-9175	7591317	1499581	8-68	2	305	22,450	4.07	914	110	19,595	3.70	725	7-72	35	1,007	.08	48	81
93-10-9175	7624306	1427615	2-70	1	303	25,240	3.52	888	115	19,970	3.66	730	11-72	36	940	-.11	17	52
93-10-9175	7628461	1399824	11-69	2	305	28,370	3.64	1034	100	21,335	3.61	770	3-73	40	1,166	.03	46	86
93-10-9175	7628465	1551043	10-69	1	305	25,740	4.09	1052	126	20,640	3.67	758	1-72	25	686	.05	38	56
93-10-9175	7628469	1473728	9-68	3	298	26,296	3.37	887	103	20,876	3.60	751	2-73	37	1,088	-.03	34	73
93-10-9175	7662013	1428104	4-70	1	305	22,430	3.86	865	116	18,590	3.80	707	7-72	36	811	-.06	20	50
93-10-9175	7672715	1392858	11-70	1	305	28,650	3.63	1041	124	21,530	3.57	768	1-73	36	816	.04	35	63
93-10-9175	7700927	1515207	8-68	2	305	24,380	3.68	897	109	20,345	3.66	744	5-72	32	1,073	.03	43	80
93-10-9175	7773682	1499581	4-69	2	305	24,650	3.91	964	102	18,725	3.66	686	11-72	35	1,324	.06	57	102
93-10-9175	7776912	1515207	2-70	1	305	24,040	3.80	913	111	18,500	3.79	701	8-72	27	1,051	.03	42	78
93-10-9175	7792179	1532798	5-70	1	305	25,720	3.70	951	115	18,560	3.80	705	7-72	19	755	.00	27	53
93-10-9175	7818864	1458744	11-70	1	298	27,030	3.44	930	100	21,610	3.54	766	2-73	36	933	-.02	30	63
93-10-9175	7869214	1418050	1-70	1	305	29,780	3.39	1009	111	18,450	3.79	700	8-72	30	1,128	-.0+	35	75
93-10-9175	7869226	1427615	9-70	1	305	25,740	3.49	898	115	19,970	3.66	730	11-72	36	977	-.11	18	55
93-10-9175	7869229	1499581	5-70	1	305	21,620	3.57	772	112	20,030	3.63	727	11-72	31	847	.00	31	60
93-10-9175	7892337	1406271	8-70	1	305	26,840	4.02	1080	129	21,070	3.59	756	12-72	36	924	.09	47	77
93-10-9175	7977091	1493435	6-69	1	305	28,100	3.11	873	114	19,940	3.66	730	11-72	27	1,081	-.11	21	62
93-10-9175	8144893	1438080	4-67	2	305	24,625	3.35	826	118	21,070	3.62	762	2-73	38	946	-.05	26	60
93-10-9278	5373577	1199324	4-61	5	305	24,656	3.48	858	49	18,340	3.51	644	1-72	44	1,332	-.02	45	92
93-10-9278	5683749	1199324	2-62	6	301	19,400	3.63	705	69	17,572	3.57	627	1-73	44	734	.00	27	52
93-10-9278	5951364	1376808	8-63	6	305	21,741	3.44	747	67	17,598	3.45	608	2-73	38	643	.04	29	50
93-10-9278	6461693	1242221	12-65	5	305	23,756	3.33	790	88	17,116	3.52	602	6-72	43	1,525	-.04	48	102
93-10-9278	6605100	1438080	7-66	4	305	22,952	3.04	698	71	17,632	3.44	607	2-73	42	1,167	-.09	27	70
93-10-9278	6646986	1199324	12-65	4	301	19,865	3.61	718	86	17,310	3.50	606	9-72	44	810	.01	30	71
93-10-9278	6656081	1341571	5-66	3	305	20,006	4.07	815	98	17,736	3.51	622	6-72	36	477	.16	41	3
93-10-9278	6657806	1320453	12-65	3	304	25,840	3.19	824	81	16,266	3.50	640	9-72	35	930	-.01	32	86
93-10-9278	6807905	1389915	6-66	4	305	19,810	3.61	715	76	17,008	3.54	602	9-72	42	801	-.03	26	58
93-10-9278	6811763	1154946	3-67	3	305	24,470	3.39	830	82	17,597	3.48	613	12-72	42	1,012	-.05	29	65
93-10-9278	6860371	1330987	9-66	4	301	20,867	4.04	842	79	16,735	3.56	595	10-72	44	807	.12	47	72
93-10-9278	6918850	1478410	3-67	3	294	23,223	3.01	699	87	16,527	3.48	644	2-72	34	852	-.06	21	52
93-10-9278	6918851	1474567	2-67	3	305	22,903	3.51	803	88	17,933	3.49	626	3-72	32	839	.00	30	59
93-10-9278	6975122	1239242	10-67	3	305	23,360	3.45	805	91	17,863	3.53	631	3-73	42	853	-.02	27	57
93-10-9278	6990493	1478410	2-68	3	295	21,710	3.71	806	96	17,173	3.53	607	12-72	34	796	.07	39	65
93-10-9278	6990562	1417208	11-67	2	302	21,670	3.64	788	81	17,790	3.42	608	7-72	40	789	.03	33	60
93-10-9278	7009455	1347940	11-67	3	298	23,530	3.36	791	84	17,830	3.44	614	12-72	42	1,162	-.02	39	81
93-10-9278	7169449	1347940	7-68	2	302	20,895	3.29	688	94	17,405	3.53	614	7-72	40	879	-.03	27	58

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-10-9278	7195224	1347940	9-68	2	305	21,195	3.34	714	106	18,655	3.54	661	12-72		40	828	-.03	25	$ 55
93-10-9278	7231651	1399824	2-69	2	305	21,235	4.12	874	107	18,120	3.49	633	9-72		40	702	.10	41	63
93-10-9278	7246169	1347940	1-69	2	295	21,165	3.54	750	104	17,735	3.47	615	6-72		40	879	.01	33	63
93-10-9278	7292415	1347940	3-69	2	305	22,310	3.37	752	95	17,365	3.54	615	8-72		40	1,025	-.02	33	69
93-10-9278	7305817	1483798	4-69	2	305	26,265	3.27	860	98	19,040	3.53	672	3-73		32	861	-.06	22	53
93-10-9278	7351977	1392858	5-69	2	305	24,830	3.79	941	113	19,000	3.52	668	2-73		40	852	.07	41	69
93-10-9278	7361974	1427615	6-69	1	305	25,730	3.24	834	102	18,580	3.48	646	4-72		36	1,059	-.13	18	58
93-10-9278	7433674	1392858	6-69	1	305	26,850	3.18	854	109	19,330	3.46	669	1-72		36	813	-.01	27	56
93-10-9278	7454383	1427615	9-69	1	305	26,970	3.14	848	102	18,580	3.48	646	4-72		36	1,151	-.14	19	63
93-10-9278	7521058	1427615	2-70	1	295	24,820	3.71	921	90	17,510	3.63	635	10-72		36	1,055	-.08	25	64
93-10-9278	7536780	1427615	10-69	1	305	24,540	3.58	879	102	18,580	3.48	646	4-72		36	970	-.09	21	57
93-10-9278	7536782	1427615	3-70	1	305	23,080	3.38	779	105	17,340	3.59	623	7-72		36	935	-.12	15	51
93-10-9278	7555868	1427615	9-69	1	305	28,240	3.07	867	102	19,340	3.44	665	3-72		36	1,201	-.15	19	65
93-10-9278	7638866	1347940	4-70	1	305	22,080	3.38	747	84	18,840	3.58	675	3-73		36	802	-.02	26	54
93-10-9278	7799189	1428104	8-70	1	305	21,160	4.29	908	113	18,580	3.58	666	1-73		36	717	.00	26	51
93-10-9278	7818540	1392858	12-69	2	304	25,145	3.37	848	46	18,710	3.61	676	4-73		40	908	-.01	31	63
93-11-0189	7780516	1524339	11-69	2	301	22,420	3.01	675	5	14,710	3.64	536	1-73		25	978	-.11	18	55
93-11-0200	7547697	1341571	10-69	1	305	23,570	3.52	829	15	17,870	3.64	650	3-72		28	652	.06	33	54
93-11-9001	6118606	1384640	12-63	6	305	23,582	3.49	823	15	18,069	3.70	669	7-72		36	1,055	-.03	34	71
93-11-9001	6959942	1447918	9-67	3	305	21,130	3.52	743	13	17,010	3.75	638	7-72		34	835	-.05	22	52
93-11-9001	7077477	1447918	4-68	2	305	23,950	3.54	849	19	16,910	3.72	629	6-72		31	1,118	-.04	34	74
93-11-9001	7128916	1447918	6-68	2	305	24,135	3.51	846	13	16,985	3.64	619	2-72		31	1,132	-.04	35	75
93-11-9001	7464304	1535023	7-69	1	305	23,660	3.72	881	14	16,680	3.78	631	6-72		24	826	.02	33	61
93-11-9001	7611845	1535023	2-70	1	305	21,220	3.89	825	10	16,210	3.77	611	8-72		24	642	.04	29	50
93-11-9001	7618404	1535023	2-70	1	305	22,490	3.72	837	11	16,270	3.78	615	7-72		24	751	.02	30	56
93-11-9039	6230765	1381711	11-64	5	305	19,880	3.50	696	53	15,578	3.49	543	12-72		36	749	-.01	25	51
93-11-9039	6412112	1447918	9-65	5	305	19,770	3.66	723	49	15,718	3.46	544	11-72		36	847	.01	32	61
93-11-9067	6883954	1478014	7-67	2	305	20,555	3.69	759	64	16,055	3.53	567	7-72		40	736	.04	33	58
93-11-9072	7135880	1497356	7-68	2	305	25,570	3.05	780	56	17,110	3.47	593	4-72		28	1,165	-.11	25	68
93-11-9089	7262534	1438535	1-69	2	305	18,740	3.96	742	63	16,450	3.51	577	6-72		40	579	.09	34	52
93-11-9089	7385482	1423320	3-69	2	305	22,970	3.43	789	63	16,360	3.51	575	6-72		39	785	.04	34	60
93-11-9089	7898704	1392858	12-70	1	305	25,920	3.41	885	50	17,160	3.44	590	3-73		36	873	.02	34	64
93-12-0057	6823471	1413165	4-67	3	305	21,193	3.63	769	7	14,993	3.94	591	6-72		42	1,028	-.10	21	59
93-12-0089	7303231	1386883	2-69	2	305	21,760	3.66	797	24	16,585	3.67	608	3-73		30	707	.00	25	50
93-12-0089	7696397	1547426	9-70	1	305	25,480	3.25	827	25	16,420	3.66	601	1-73		19	895	-.06	23	56
93-12-0113	7401398	1493686	8-69	1	305	25,520	4.15	1060	13	19,610	3.96	777	1-73		36	913	.07	44	74
93-15-0046	7488408	1458744	10-69	2	305	21,370	3.85	822	14	19,275	3.44	664	4-73		40	707	.04	32	56
93-15-0057	6316462	1222994	7-64	6	297	19,658	4.30	846	14	18,000	3.58	644	9-72		44	547	.13	39	55
93-15-0057	6696564	1330424	10-66	3	296	19,843	3.98	790	27	17,196	3.54	609	6-72		35	605	.07	32	51
93-15-0057	6741099	1330424	11-66	4	305	22,870	3.21	733	21	16,602	3.51	583	11-72		37	1,117	-.08	28	69
93-15-0057	7018012	1378010	1-68	3	302	23,706	3.20	758	30	17,180	3.53	606	5-72		35	871	-.09	18	50
93-15-0094	6730490	1438080	11-66	2	305	23,180	3.33	771	11	18,060	3.39	613	12-71		38	1,046	-.03	33	70
93-15-0098	5894572	1136564	7-63	5	294	19,692	3.78	745	167	16,914	3.52	596	12-72		43	791	.02	31	58
93-15-0082	6272784	1322863	2-65	6	295	21,742	3.28	713	149	17,153	3.37	578	5-72		42	908	-.04	27	60
93-15-0089	6272786	1322863	2-65	6	305	20,640	3.31	683	181	17,100	3.42	585	11-72		42	765	-.04	22	50
93-15-0089	6441402	1299222	12-65	4	305	18,655	3.74	698	183	17,100	3.41	583	11-72		42	687	.01	27	51
93-15-0089	6551504	1437633	3-66	4	300	21,775	3.27	711	168	17,910	3.34	599	1-72		41	1,000	-.06	27	63
93-15-0089	6591267	1437633	5-66	4	294	20,245	3.16	639	200	17,235	3.43	591	10-71		41	873	-.08	19	51
93-15-0089	6810260	1437633	4-67	4	297	22,260	3.27	728	173	16,912	3.41	577	10-72		41	1,164	-.07	31	73
93-15-0089	6974738	1357743	7-67	3	305	23,750	3.13	743	88	17,253	3.38	583	3-72		42	903	-.08	20	53
93-15-0089	7116005	1299222	7-67	4	305	21,555	3.38	728	141	17,810	3.40	605	2-73		42	981	-.04	29	64
93-15-0089	7327570	1424716	3-68	3	303	22,806	3.38	771	172	17,136	3.47	594	2-73		38	969	-.06	26	61
93-15-0089	7327579	1322863	7-68	3	302	21,490	3.20	687	199	17,163	3.44	590	12-72		39	811	-.06	20	50
93-15-0089	7355567	1322863	9-68	1	305	23,950	3.47	832	106	17,160	3.57	612	3-73		38	827	-.02	27	56
93-15-0089	7594630	1299222	9-69	1	305	22,920	3.22	737	127	17,640	3.17	559	1-72		35	935	-.04	27	61
93-15-0089	7594644	1295523	12-69	1	305	22,930	3.24	742	95	16,450	3.28	540	5-72		35	757	-.02	24	51
93-15-0089	7731465	1299222	9-70	1	305	19,600	3.91	766	143	17,110	3.59	614	2-73		35	713	.00	26	51
93-15-0089	7731476	1295523	10-70	1	305	24,980	3.46	865	186	17,260	3.57	617	1-73		35	863	-.02	28	59
93-15-0089	7769138	1347940	11-70	1	305	21,700	3.53	765	202	17,150	3.52	603	12-72		36	874	.00	32	62
93-16-0148	7704765	1406271	6-70	1	305	18,090	3.42	618	16	14,040	3.68	516	10-72		36	691	.01	27	51
93-16-0171	6477719	1244009	8-65	5	305	19,696	3.86	761	54	17,398	3.67	639	11-72		44	714	.01	27	52
93-16-0171	6582398	1499581	10-67	3	305	18,353	3.79	696	12	15,446	3.75	579	8-72		38	948	.03	38	70
93-16-0171	7382000	1499581	11-67	3	303	18,010	3.53	636	12	16,466	3.68	606	7-72		38	804	-.01	28	56
93-16-0171	7423443	1347940	8-69	2	305	20,400	3.91	797	23	16,810	3.70	622	11-72		40	877	.04	37	67
93-16-0171	7513079	1438535	8-69	1	305	22,160	3.63	805	21	17,070	3.57	610	5-72		35	749	.04	33	58
93-16-0171	7647734	1499581	12-68	2	304	20,000	3.63	725	13	16,325	3.74	611	7-72		35	1,026	.00	37	73
93-16-0171	7653092	1478014	1-70	1	305	23,130	4.07	941	20	17,080	3.52	602	5-72		35	757	.08	40	64
93-16-0171	7757082	1499581	7-70	1	298	17,780	3.63	646	24	16,160	3.69	597	11-72		31	786	.00	29	56
93-16-0171	6251131	1192713	11-64	6	291	21,215	3.36	713	42	14,587	3.49	509	12-72		44	1,055	-.03	33	71
93-16-9010	7119598	1339436	8-60	6	305	20,145	3.39	682	75	15,943	3.46	551	12-72		36	783	-.04	22	50
93-16-9010	6176628	1367977	8-67	5	297	22,732	3.01	684	81	16,210	3.44	558	7-72		35	1,108	-.14	18	60
93-16-9010	7038594	1405643	4-67	4	305	21,002	3.30	694	76	17,122	3.42	586	3-73		35	837	-.03	25	55
93-16-9010	7046244	1405643	12-67	3	305	19,916	3.56	709	84	15,943	3.43	547	11-72		33	780	.01	30	57
93-16-9010	7046247	1405643	12-67	3	305	20,133	3.17	638	85	15,836	3.45	546	11-72		33	820	-.06	20	50
93-16-9010	7133710	1405643	4-68	2	305	22,690	3.05	692	76	17,250	3.40	586	4-72		30	932	-.08	21	55
93-16-9010	7136102	1405643	6-68	2	305	20,975	3.26	683	93	16,310	3.46	564	7-72		30	818	-.05	22	52
93-16-9010	7136106	1339436	6-68	3	305	22,030	3.20	704	80	16,743	3.49	584	2-73		33	885	-.08	19	52
93-16-9010	7232365	1522634	7-68	2	305	19,695	3.34	657	90	15,870	3.43	545	10-72		31	1,014	-.09	22	60
93-16-9010	7455038	1522634	11-68	2	305	19,965	3.12	623	90	15,680	3.48	546	7-72		31	1,063	-.13	18	58
93-16-9010	7455043	1522634	12-68	2	305	20,145	3.21	647	84	16,115	3.46	558	3-73		31	1,043	-.11	20	59
93-16-9010	7455045	1522634	12-68	2	305	19,570	3.21	629	90	15,680	3.48	546	7-72		31	1,017	-.11	19	57
93-16-9010	7476711	1522634	2-69	2	305	19,445	3.62	704	97	15,190	3.49	530	10-72		31	1,048	-.06	29	67
93-16-9010	7479661	1522634	6-69	2	305	19,545	3.27	640	101	15,755	3.50	551	12-72		31	1,007	-.10	20	58
93-16-9010	7881382	1537241	8-69	2	295	22,300	3.42	762	66	17,060	3.46	590	4-73	B	29	873	-.03	27	58
93-16-9010	7920778	1537241	10-69	1	305	24,780	3.14	779	77	17,930	3.43	601	3-72		23	903	-.07	22	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O M MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-16-9011	6735670	1432243	7-66	3	305	22,623	3.75	887	33	17,986	3.60	647	1-72		36	816	.03	34	$ 62
93-16-9011	6892600	1478283	5-67	4	305	22,350	3.68	822	49	17,085	3.61	616	12-72		35	952	.00	35	68
93-16-9011	6931022	010288790	7-67	3	305	22,216	3.50	777	48	17,190	3.60	619	12-71		41	936	.04	40	72
93-16-9011	7192071	1393997	12-66	4	304	20,902	3.73	779	46	16,130	3.59	651	10-72		43	724	.03	30	55
93-16-9011	7274367	1366229	1-68	3	305	22,366	3.37	753	44	17,226	3.61	621	10-72		42	716	.01	27	52
93-16-9011	7495095	1540819	2-70	1	305	23,170	4.34	1005	57	16,110	3.59	579	9-72		33	605	.13	42	60
93-16-9011	7705123	1458744	7-70	1	305	30,230	2.88	872	51	17,050	3.62	617	12-72		36	1,443	-.11	34	87
93-16-9050	6121709	1315423	6-64	5	305	23,232	3.39	787	40	18,348	3.68	676	5-72		44	885	-.10	17	50
93-16-9050	6252003	1242221	12-64	6	304	20,957	3.47	720	36	18,613	3.60	670	5-72		43	994	-.02	32	67
93-16-9050	6288776	1330987	2-65	4	302	20,602	4.06	836	33	17,397	3.71	646	11-72		44	709	.10	41	63
93-16-9050	7395921	1493310	9-69	2	305	23,758	3.99	947	41	19,845	3.69	732	2-73		30	643	.08	35	56
93-16-9050	7405570	1507388	9-69	2	296	23,768	3.95	938	38	19,910	3.65	726	3-73		32	852	.09	44	72
93-16-9050	7571911	1422655	10-69	2	305	23,595	3.61	851	42	19,470	3.72	724	2-73		39	731	.01	28	58
93-16-9050	7617567	1423926	7-69	2	305	25,350	3.52	892	41	19,090	3.79	723	12-72		40	880	-.06	23	55
93-16-9054	7683258	1458744	7-70	1	305	23,620	3.80	898	53	17,440	3.68	642	12-72		36	926	.01	35	67
93-16-9054	7779975	1540889	11-70	1	305	23,680	3.67	876	18	17,400	3.50	609	3-73		19	669	.02	27	50
93-16-9166	6580525	1418050	8-65	5	297	23,452	3.51	822	25	17,548	3.53	620	6-72		40	1,020	.00	37	72
93-16-9166	6689920	1460787	12-66	4	305	24,217	3.34	810	23	18,427	3.45	636	1-73		37	1,133	-.05	33	74
93-16-9166	6744508	1460787	12-66	4	305	22,430	3.14	705	22	18,415	3.43	632	3-73		37	890	-.08	19	52
93-16-9166	7027817	1484825	2-68	2	304	25,910	3.20	828	21	18,285	3.41	624	2-72		32	1,112	-.08	28	69
93-16-9166	7341126	1386287	8-68	2	305	25,670	3.12	801	25	18,790	3.39	637	1-73		36	1,015	-.08	24	61
93-20-0061	6761374	1478014	11-66	3	305	19,687	4.40	867	383	17,813	3.35	597	1-72		42	532	.17	45	59
93-20-0038	6197561	1430516	8-64	6	305	22,418	3.94	884	64	17,902	3.47	622	8-72		36	868	.08	44	72
93-20-0038	6335574	1347940	2-65	5	305	20,636	3.79	782	28	17,702	3.58	633	9-71		44	894	.04	38	68
93-20-0038	6658682	1416772	12-65	4	305	21,787	3.19	695	33	17,075	3.54	605	12-71		35	993	-.09	21	58
93-20-0038	6658687	1416772	7-66	4	305	21,032	3.30	694	47	17,490	3.50	612	7-72		35	840	-.07	20	51
93-20-0038	6766643	1468034	9-66	3	305	25,847	3.17	820	57	18,563	3.42	635	3-72		42	839	-.05	22	53
93-20-0038	6918693	1416772	6-66	4	305	23,117	3.44	796	62	18,140	3.45	626	5-72		35	1,060	-.03	33	71
93-20-0038	6918696	1501324	4-67	4	305	23,472	3.27	768	59	17,572	3.55	624	12-72		34	941	-.06	24	58
93-20-0038	7204553	1299222	1-68	1	305	22,240	3.76	836	78	17,360	3.62	629	12-72		35	900	-.02	30	62
93-21-0009	5752427	1284716	12-62	2	305	25,560	2.99	764	25	17,670	3.34	590	1-72		40	972	-.12	16	53
93-21-0009	7018000	1387978	10-67	3	305	19,487	3.69	720	17	17,417	3.45	608	4-72		42	665	.03	28	51
93-21-0019	6212655	1420402	6-64	3	305	23,063	3.43	791	73	17,597	3.63	638	4-72		32	885	-.04	26	58
93-21-0019	7568692	1242221	1-70	1	305	21,210	3.74	793	34	17,750	3.69	655	2-72		34	978	.01	36	70
93-21-0019	7698842	1458744	4-70	1	305	21,760	3.21	699	38	15,820	3.71	587	1-73		36	886	-.06	29	55
93-21-0125	6250178	1330362	8-64	6	262	21,980	3.48	765	7	18,262	3.59	655	5-72		42	800	-.04	22	51
93-21-0130	7288927	1394348	1-69	2	305	25,950	3.26	845	35	18,100	3.72	674	5-72		40	948	-.08	21	56
93-21-0130	7393607	1454498	7-69	2	305	23,435	3.55	833	17	17,700	3.73	661	3-73		30	811	.02	32	60
93-21-9062	7109904	1468034	11-66	4	305	23,375	3.29	770	95	16,708	3.56	595	6-72		44	787	-.05	21	50
93-21-9062	7348648	1458744	3-68	3	305	20,406	3.38	689	86	17,386	3.58	623	8-72		42	797	-.04	23	52
93-21-9062	7362917	1406271	4-69	2	305	21,380	3.20	684	114	17,875	3.52	630	5-72		40	797	-.02	26	54
93-21-9062	7410896	1406271	3-69	2	305	25,170	3.28	825	88	17,890	3.64	652	8-72		40	1,180	-.02	39	81
93-24-0001	7018538	1438749	12-67	2	305	22,580	4.22	952	37	20,230	3.48	703	7-72		34	490	.14	39	53
93-24-0001	7212266	1399607	7-68	2	256	25,680	3.62	930	116	20,485	3.53	723	5-72		40	695	.01	27	51
93-24-0001	7266550	1330987	2-69	2	305	24,615	3.26	802	51	20,965	3.48	729	8-72		40	759	.00	27	53
93-24-0001	7295760	1458744	1-69	2	305	25,270	3.03	766	44	20,970	3.54	742	7-72		40	965	-.09	20	56
93-24-0001	7361281	1205185	1-69	2	305	26,045	3.59	934	41	21,040	3.45	726	11-72		32	663	.03	29	51
93-24-0001	7550428	1467293	11-69	1	305	33,200	3.29	1092	69	22,200	3.44	764	5-72		30	1,315	-.03	42	89
93-24-0001	7556177	1199324	1-70	1	305	35,530	3.04	1081	66	21,860	3.43	750	6-72		36	1,609	-.09	44	102
93-24-0001	7612625	1495447	1-70	1	305	30,460	3.56	1085	35	23,080	3.37	777	2-72		31	709	.04	31	55
93-24-0001	7612634	1467293	1-70	1	305	27,010	3.41	920	69	21,080	3.47	732	8-72		30	878	-.01	30	61
93-24-0001	7628414	1467293	8-70	1	305	25,770	3.37	868	43	21,040	3.46	729	12-72		30	778	-.01	26	53
93-24-0001	7760003	1473442	7-70	1	305	30,340	2.94	892	52	21,920	3.47	760	1-73		35	1,094	-.12	20	61
93-24-0029	6223301	1367794	9-64	3	305	20,887	3.18	665	112	15,577	3.36	523	1-73		32	855	-.06	22	53
93-24-0029	6372675	1126307	10-64	4	305	21,655	3.39	735	77	15,375	3.44	529	7-72		42	815	.00	29	57
93-24-0029	6395888	1367794	8-65	4	305	20,148	3.40	686	100	15,758	3.42	539	7-72		33	774	-.02	24	52
93-24-0031	6865458	1467281	7-67	3	305	26,200	3.15	824	163	19,056	3.36	641	7-72		32	1,140	-.08	29	71
93-24-0031	6865459	1467281	9-67	4	305	24,052	3.29	791	183	19,672	3.32	653	2-73		34	834	-.03	25	55
93-24-0031	6865463	1470009	7-67	3	305	22,593	3.47	784	189	18,810	3.35	630	11-71		32	709	.04	31	55
93-24-0031	6947659	1470009	7-67	4	305	24,337	3.18	775	199	19,215	3.32	638	12-72		34	957	-.03	30	64
93-24-0031	6947668	1388586	12-67	3	305	25,100	3.17	796	151	19,493	3.35	653	5-72		42	999	-.11	18	56
93-24-0031	7059205	1388586	4-68	3	303	24,553	3.18	780	139	18,493	3.41	631	9-72		42	1,028	-.12	16	57
93-24-0031	7179367	1458744	8-68	3	305	24,936	3.23	806	207	19,820	3.32	658	1-73		42	1,094	-.04	33	72
93-24-0031	7179385	1470009	11-68	3	303	25,863	3.08	797	218	19,866	3.31	656	1-73		32	1,039	-.05	29	67
93-24-0031	7486082	1387978	10-69	2	305	24,950	3.32	829	208	20,325	3.29	668	3-73		40	979	-.01	33	67
93-24-0031	7561908	1497153	5-70	1	305	25,130	3.39	852	156	19,240	3.39	653	8-72		24	708	.00	25	50
93-24-0031	7607900	1481962	2-70	1	164	26,810	3.18	852	192	19,830	3.36	666	3-72	B	29	1,039	-.02	34	71
93-24-0031	7607907	1481962	6-70	1	305	22,400	3.42	767	181	19,210	3.39	652	9-72		29	714	.01	27	52
93-24-0031	7607943	1385225	1-70	1	305	25,520	2.93	749	252	20,680	3.22	665	2-73		35	848	-.05	22	53
93-24-0031	7727913	1481962	12-70	1	305	24,050	3.09	744	197	20,670	3.20	662	3-73		29	754	-.01	25	52
93-24-0031	7727929	1441440	11-70	1	305	24,480	3.51	859	243	20,560	3.22	663	1-73		36	707	.05	33	56
93-24-0031	7780562	1441440	1-71	1	305	25,850	3.08	797	201	20,660	3.20	661	3-73		36	803	-.01	28	56
93-24-0074	5904273	1199324	5-63	4	305	24,665	3.14	775	56	19,568	3.50	684	5-72		44	1,179	-.08	29	72
93-24-0074	6430948	1437633	8-65	4	305	23,545	3.33	784	72	20,107	3.47	697	8-72		41	1,002	-.06	26	63
93-24-0074	6641010	1437633	10-66	3	305	23,090	3.64	841	61	20,683	3.46	715	3-72		40	863	-.01	30	60
93-24-0074	6811553	1410984	2-67	4	305	25,155	3.92	987	80	19,840	3.50	694	11-72		44	647	.11	40	60
93-24-0074	6827255	1458744	1-67	4	301	26,530	3.31	877	80	19,712	3.51	692	11-72		44	1,345	-.06	39	87
93-24-0074	7012652	1330987	1-68	3	298	22,133	4.19	928	83	20,483	3.43	703	7-72		42	575	.16	45	61
93-24-0074	7179287	1406271	7-68	1	305	23,400	3.90	913	121	21,520	3.42	737	2-73		36	641	.08	36	56
93-24-0074	7295883	1505830	2-69	2	297	22,605	3.60	814	116	20,065	3.47	697	8-72		32	726	-.01	25	50
93-24-0074	7457644	1347940	10-69	1	296	24,800	3.67	910	128	20,670	3.42	707	6-72		36	896	.02	36	67
93-24-0074	7485572	1347940	9-69	2	299	23,580	3.45	813	109	21,595	3.45	744	1-73		40	811	.00	29	57
93-24-0074	7550105	1458744	1-70	1	305	26,520	3.49	926	124	21,140	3.48	735	12-72		36	923	-.01	31	64
93-24-0074	7550107	1428104	1-70	1	305	29,900	3.25	972	129	20,560	3.44	708	7-72		36	1,251	-.11	28	74
93-24-0074	7561118	1347940	1-70	1	305	23,310	3.52	820	128	20,670	3.42	707	6-72		36	785	.01	29	56

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
93-24-0075	7485002	1438080	10-69	1	303	19,700	3.48	685	26	15,920	3.76	599	7-72		34	780	-.03	23	$ 51
93-24-0233	7088523	1435690	2-68	2	305	22,870	4.09	936	41	18,455	3.54	654	12-71		40	498	.15	41	55
93-24-0233	7317568	1366011	12-68	2	305	20,760	3.57	741	49	17,600	3.59	631	5-72		39	745	.02	30	55
93-24-0233	7568144	1512543	1-70	1	305	22,620	3.73	844	43	16,310	3.71	605	7-72		22	725	.01	28	53
93-24-0233	7568147	1527083	9-69	1	305	24,440	3.47	848	44	17,860	3.59	641	4-72		24	796	-.02	25	53
93-24-0315	6460203	1389915	12-65	3	296	20,157	3.47	700	19	16,733	3.38	566	8-72		41	848	-.04	25	55
93-24-0353	7381243	1347940	6-69	2	304	24,110	3.50	843	23	22,230	3.53	784	11-72		40	813	.00	29	57
93-24-0353	7739834	1366011	2-71	1	305	22,400	3.87	867	5	19,830	3.71	735	4-73		35	656	.05	31	53
93-24-0411	6690720	1237057	1-66	3	301	21,770	3.61	785	80	17,180	3.57	613	7-72		42	776	-.03	23	51
93-24-0411	6800452	1471993	5-66	4	305	22,255	3.61	803	84	17,153	3.60	618	10-72		30	853	.00	31	61
93-24-0411	6852284	1500847	3-67	4	305	19,972	3.70	739	68	16,942	3.52	597	7-72		34	672	.03	20	51
93-24-0411	6852285	1500847	3-67	3	305	20,440	3.82	780	84	17,230	3.55	612	9-72		32	674	.04	31	53
93-24-0411	6852289	1500847	3-67	3	305	22,743	3.37	767	62	17,503	3.57	624	2-72		32	956	-.04	28	62
93-24-0411	6852290	1500847	3-67	4	305	22,225	3.52	783	67	17,732	3.53	626	3-73		34	906	-.01	31	63
93-24-0411	6891737	1500847	5-67	3	303	22,030	3.46	763	81	17,036	3.54	603	7-72		32	910	-.02	30	62
93-24-0411	6893639	1467291	1-67	3	305	21,243	3.82	811	101	17,950	3.54	636	6-72		35	681	.06	34	56
93-24-0411	7155237	1425137	9-68	3	298	25,517	3.33	850	92	17,677	3.61	639	10-72		42	1,002	-.06	27	63
93-24-0411	7206558	1398216	9-68	3	305	25,673	3.27	839	89	18,210	3.54	645	2-73		42	1,264	-.09	31	77
93-24-0411	7219300	1398216	9-68	2	305	23,965	3.38	809	84	18,280	3.54	647	3-72		40	986	-.07	25	61
93-24-0411	7327942	1398216	11-68	2	305	25,860	3.18	823	91	18,000	3.52	633	5-72		40	1,201	-.10	27	71
93-24-0411	7335674	1398216	10-68	2	305	23,350	3.30	770	91	18,000	3.52	633	5-72		40	946	-.08	22	57
93-24-0411	7446337	1330987	5-69	2	302	22,080	3.96	875	98	17,760	3.56	633	9-72		40	761	.10	42	66
93-24-0411	7460412	1398216	4-69	2	305	22,640	3.32	752	94	17,815	3.56	635	8-72		40	889	-.08	20	53
93-24-0411	7714962	1458744	5-70	1	305	24,110	3.21	775	102	17,840	3.60	642	11-72		36	940	-.06	25	59
93-24-0447	6088902	1244009	6-64	6	303	21,935	3.36	737	11	17,791	3.58	637	8-72		44	963	-.07	24	59
93-24-0447	6408790	1271075	12-65	5	301	22,212	3.38	750	17	16,692	3.68	614	12-72		44	1,155	-.05	33	75
93-24-0447	7498759	1447414	2-70	1	285	21,840	3.38	738	20	18,040	3.77	680	10-72		36	941	-.06	24	58
93-24-0447	7857196	1447414	6-71	1	289	19,340	3.93	761	23	17,300	3.67	635	12-72		36	799	.00	28	56
93-24-3500	7633535	1503782	9-69	1	305	23,370	4.21	983	10	15,670	3.23	506	1-73		19	752	.12	45	68
93-24-0552	6053386	1237057	2-64	6	300	21,831	3.30	720	52	16,711	3.69	616	10-71		44	897	-.10	17	51
93-24-0552	6139589	1237057	6-64	6	301	22,835	3.53	807	59	17,156	3.66	628	4-72		44	980	-.05	27	62
93-24-0552	6413388	1382418	7-65	5	303	24,054	3.13	752	57	17,918	3.67	658	1-73		38	1,208	-.15	19	65
93-24-0552	6525343	1410237	11-65	4	305	23,322	3.72	868	49	17,462	3.64	636	10-71		43	657	.05	32	54
93-24-0552	7491517	1493686	2-70	1	305	25,640	3.03	776	56	18,000	3.58	644	5-72		36	1,018	-.04	30	67
93-24-3552	7493326	1518086	8-69	1	305	24,060	3.69	888	66	17,890	3.75	671	11-72		34	860	-.04	25	56
93-24-0552	7701565	1427615	8-70	1	305	25,050	3.53	884	68	18,910	3.72	703	1-73		36	989	-.11	18	55
93-24-0552	7701566	1427615	8-70	1	305	23,800	3.55	845	57	18,900	3.71	702	3-73		36	896	-.10	16	50
93-24-0559	6288927	1320747	7-64	6	303	20,725	3.57	739	44	16,937	3.71	629	1-73		42	794	-.02	26	54
93-24-0559	7364386	1514630	5-69	2	297	20,470	4.29	878	7	17,140	3.54	607	2-73		25	485	.13	37	51
93-24-9099	6708618	1239242	12-66	3	305	24,043	3.19	766	83	18,583	3.48	647	7-72		42	865	-.07	21	53
93-24-9099	6708620	1467291	9-66	4	305	23,150	3.64	842	87	18,492	3.61	667	12-72		37	918	.02	36	68
93-24-9099	6732266	1467291	8-66	4	305	25,362	3.02	765	80	18,397	3.50	643	4-72		37	1,236	-.10	28	74
93-24-9099	6777717	1467291	1-67	4	305	24,132	3.51	846	85	19,020	3.59	683	11-72		37	996	-.01	35	70
93-24-9099	6952620	1485390	7-67	2	305	21,655	4.22	914	92	18,525	3.96	660	6-72		29	558	.13	40	56
93-24-9099	6992408	1467291	2-68	2	305	22,200	4.27	947	74	18,985	3.52	669	7-72		32	643	.14	44	63
93-24-9099	7136028	1261857	3-68	3	305	21,453	3.45	741	101	19,193	3.64	698	11-72		42	671	.03	20	51
93-24-9099	7211997	1510515	9-68	2	305	22,380	3.70	828	98	18,745	3.58	672	8-72		30	640	.03	28	50
93-24-9099	7371976	1510515	10-68	2	305	23,840	3.83	913	95	18,560	3.58	664	9-72		30	831	.06	39	66
93-24-9099	7442863	1427615	7-69	2	305	28,665	3.12	893	88	19,630	3.62	710	3-73		40	1,458	-.17	25	80
93-24-9099	7442881	1399824	5-69	2	305	24,555	3.45	847	107	19,045	3.61	688	10-72		40	964	.00	34	68
93-24-9099	7442884	1525356	5-69	1	305	27,790	3.66	1018	92	19,480	3.58	697	1-72		28	1,036	.02	40	76
93-24-9099	7442886	1525356	8-69	1	305	26,060	3.75	978	94	19,280	3.54	683	2-72		28	903	.03	37	68
93-24-9099	7442887	1488500	6-69	2	305	22,930	3.59	824	101	19,590	3.58	702	2-73		32	830	-.01	20	57
93-24-9099	7442888	1488500	6-69	1	305	27,040	3.17	856	103	19,820	3.63	720	12-71		27	1,061	-.08	26	65
93-24-9099	7442890	1447414	7-69	1	305	23,650	3.12	738	99	19,420	3.53	686	2-72		36	993	-.07	24	60
93-24-9099	7442891	1447414	8-69	1	305	29,440	3.57	1051	99	19,420	3.53	686	2-72		36	1,425	-.03	47	97
93-24-9099	7629894	1397209	3-70	1	305	26,930	3.40	916	97	18,850	3.54	667	8-72		36	940	-.04	28	62
93-24-9099	7677214	1450228	3-70	1	305	21,610	3.51	756	109	19,070	3.54	676	9-72		36	753	-.03	23	50
93-24-9099	7749367	1397209	8-69	2	305	24,755	3.42	847	107	19,085	3.66	699	1-73		40	924	-.05	26	59
93-24-9099	7780300	1549749	8-70	1	305	28,350	2.87	813	55	19,290	3.66	706	4-73		22	976	-.14	14	51
93-24-9099	7780313	1450228	9-70	1	305	25,410	3.47	881	58	19,300	3.64	703	4-73		36	1,030	-.04	31	68
93-24-9099	7780315	1427615	9-70	1	305	28,080	2.98	836	87	18,960	3.53	669	7-72		36	1,211	-.17	17	63
93-24-9099	7852801	1441440	12-70	1	302	21,820	4.21	919	60	19,300	3.63	701	4-73		36	584	.09	35	53
93-24-9099	7852804	1441440	11-70	1	305	27,870	3.10	864	86	19,720	3.64	717	3-73		36	1,009	-.04	30	66
93-24-9180	5302033	1247197	7-60	8	300	22,860	3.43	785	50	17,126	3.49	598	1-72		36	976	-.01	33	67
93-24-9180	6175100	1385141	1-64	6	305	23,557	3.57	840	47	17,363	3.50	607	4-72		35	1,025	.01	38	74
93-24-9180	7175470	1347940	9-68	2	294	19,280	3.21	618	66	16,250	3.43	557	7-72		40	808	-.03	24	53
93-24-9180	7511187	1428104	1-70	1	305	24,430	3.51	857	80	16,010	3.49	558	8-72		36	1,114	-.07	29	70
93-24-9180	7642306	1427615	4-69	2	305	22,415	3.27	734	73	16,420	3.53	579	10-72		40	1,084	-.13	19	60
93-24-9454	5266148	1190953	3-60	6	305	20,070	3.87	776	10	16,167	3.70	598	1-73		42	684	.06	34	56
93-24-9454	5444293	1283917	12-60	8	305	21,636	3.85	833	9	17,275	3.69	638	4-73		44	804	-.02	26	54
93-24-9454	6552047	1357308	5-65	5	305	22,502	4.02	904	9	17,136	3.78	648	10-72		44	529	.12	37	53
93-24-9454	7067258	1347940	1-68	3	305	21,976	3.57	785	10	18,736	3.87	726	12-72		42	919	-.03	28	61
93-24-9454	7210039	1491007	11-68	2	305	20,990	4.03	845	13	16,820	3.91	658	6-72		40	949	.04	40	72
93-24-9667	6567095	1237057	3-65	5	300	18,530	3.65	677	36	14,104	3.50	493	11-71		44	740	-.02	24	50
93-24-9667	7163119	1481962	8-68	2	300	16,340	3.41	557	20	12,475	3.45	430	12-71		34	732	.00	27	52
93-27-0007	7332623	1399283	4-69	2	305	26,305	3.89	1024	149	19,900	3.56	708	8-72		40	994	.03	40	74
93-27-0007	7375861	1244009	6-69	1	305	25,440	3.79	964	156	20,350	3.57	727	4-72		36	860	-.01	29	59
93-27-0007	7467551	1454671	2-70	1	305	31,050	3.37	1047	158	19,620	3.66	719	7-72		36	1,071	-.07	28	67
93-27-0007	7536639	1427615	11-69	2	305	26,090	3.53	920	144	19,855	3.71	736	2-73		40	1,178	-.11	25	69
93-27-0007	7588801	010305840	8-69	2	305	26,140	3.85	1006	153	19,895	3.68	732	1-73		25	924	.04	40	71
93-27-0024	7600399	1463222	4-70	1	305	24,840	4.07	1011	28	16,970	3.86	655	7-72		19	793	.06	37	63
93-27-0054	5798057	1389222	2-63	7	304	20,804	3.27	680	55	16,104	3.56	573	7-72		36	904	-.07	22	55
93-27-0054	6969324	1391977	6-67	3	305	24,910	3.52	876	63	17,086	3.57	610	3-72		42	912	-.02	30	62
93-27-0054	7779533	1450228	8-70	1	305	19,470	3.80	740	66	15,940	3.65	582	11-72		36	787	-.01	27	55

TABLE 3. HOLSTEIN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
93-27-0070	7433191	1526517	8-69	1	305	22,210	3.21	712	53	15,020	3.44	517	1-73	22	769	-.04	22	$ 50
93-27-0072	8029712	1450228	10-70	1	305	19,330	3.65	706	27	15,480	3.59	556	12-72	36	804	-.02	26	54
93-27-7076	5860535	1403020	10-62	3	305	21,960	3.58	787	9	16,277	3.48	566	11-72	29	857	.01	33	63
93-27-9002	6473443	1406271	11-65	4	305	21,140	3.38	714	69	18,048	3.42	617	4-72	44	820	.02	32	60
93-27-9002	7020930	1406271	2-68	2	305	22,165	2.80	620	64	17,810	3.43	611	2-72	40	882	-.07	21	53
93-27-9004	7178618	1508766	8-68	3	305	22,827	3.03	691	68	16,167	3.66	591	3-73	29	993	-.13	16	54
93-27-9004	7400583	1508766	7-69	2	305	23,260	3.06	711	81	15,895	3.72	591	10-72	25	964	-.11	17	53
93-27-9029	6268027	1222994	2-65	5	305	23,392	3.57	834	82	18,868	3.60	680	3-72	44	939	.00	34	67
93-33-0056	6964403	1366011	12-67	3	298	24,476	3.17	777	30	17,776	3.52	625	8-72	41	1,200	-.05	36	79
93-33-0056	7220389	1242221	11-68	2	305	24,680	3.43	847	40	18,980	3.38	641	3-72	38	1,307	-.01	46	92
93-33-0056	7578256	1366011	1-70	1	303	20,480	3.41	699	29	16,950	3.50	594	8-72	35	685	.02	27	50
93-33-0125	6500045	1429144	10-65	2	305	26,380	3.30	870	54	17,355	3.64	631	3-72	29	1,464	-.09	38	91
93-33-0125	7080630	1478014	2-68	2	305	23,085	4.52	1044	80	17,080	3.61	616	6-72	40	910	.16	58	86
93-33-0125	7587943	1398216	1-70	1	305	23,030	3.47	800	77	16,690	3.87	646	4-73	36	859	-.07	20	52
93-33-0126	6346047	1339836	3-65	5	298	21,800	3.99	870	144	18,050	3.68	665	8-72	43	671	.04	30	52
93-33-0126	7128896	1347940	5-68	2	305	20,960	3.91	819	110	16,795	3.67	617	1-73	40	935	.04	40	72
93-33-0126	7263965	1399607	8-68	2	305	22,535	3.79	855	135	16,325	3.59	586	7-72	40	713	.03	31	55
93-33-0126	7338206	1399607	11-68	2	305	22,675	3.55	804	137	16,375	3.62	593	8-72	40	723	-.01	25	50
93-33-0126	7339790	1512221	1-69	1	305	23,880	3.58	855	178	15,520	3.66	568	8-72	26	788	-.03	24	52
93-33-0126	7353903	1509022	5-69	2	305	25,940	3.65	947	113	16,900	3.57	603	10-72	25	1,201	.02	46	87
93-33-0126	7353905	1492795	5-69	2	290	22,130	3.48	771	86	16,915	3.65	617	2-73	30	800	-.02	25	53
93-33-0126	7618887	1505978	10-68	2	305	22,550	4.08	921	102	16,495	3.72	614	3-73	37	840	.07	33	54
93-33-0134	4585896	1011354	7-55	2	305	23,135	3.51	811	66	19,335	3.54	684	1-72	39	717	.01	27	52
93-33-0134	4890963	934021	9-58	2	305	24,830	3.55	882	89	18,825	3.62	681	11-72	40	734	-.01	25	51
93-33-0134	5905442	1271075	9-63	3	295	22,513	3.66	823	87	18,450	3.56	656	7-72	42	958	.01	36	69
93-33-0134	6112343	1424203	4-64	2	305	23,905	3.84	917	55	18,115	3.57	646	7-72	29	830	.07	40	67
93-33-0134	6287149	1271075	11-64	3	299	21,240	3.39	721	74	18,883	3.57	675	2-73	42	769	-.03	23	51
93-33-0134	6287150	1271075	11-64	3	302	26,313	3.15	828	87	18,923	3.58	678	12-72	42	1,356	-.09	35	84
93-33-0134	6287151	1271075	11-64	3	305	23,280	3.39	790	89	19,040	3.57	680	12-72	42	992	-.04	30	65
93-33-0134	6315137	1234023	11-64	3	303	25,157	3.44	865	90	18,500	3.58	662	10-72	42	798	.00	28	56
93-33-0134	6510327	1424203	8-65	3	299	20,927	4.44	929	48	18,480	3.53	653	3-72	32	487	.18	45	58
93-33-0134	6647989	1422553	9-66	3	303	24,133	3.36	812	64	18,520	3.60	666	6-72	32	945	-.05	26	60
93-33-0134	6647990	1422553	9-66	3	295	22,777	3.87	881	66	18,757	3.57	670	4-72	32	737	.06	35	59
93-33-0134	6647995	1424203	7-66	3	302	23,717	3.23	766	57	18,540	3.53	654	5-72	32	857	-.05	23	54
93-33-0134	6799972	1377954	11-66	3	305	23,890	3.70	883	90	18,437	3.58	660	10-72	42	1,047	.03	43	79
93-33-0134	6905701	1424203	9-67	3	305	23,367	3.41	796	58	19,143	3.55	679	12-72	32	745	-.02	24	50
93-33-0134	6961668	1424203	12-67	2	303	23,580	3.54	834	61	18,485	3.60	666	9-72	29	756	.01	28	54
93-33-0136	6163813	1380666	6-64	2	305	25,315	3.71	939	59	18,875	3.65	688	12-72	31	1,014	.03	41	76
93-33-0136	7214742	1386406	9-68	1	305	29,100	3.27	952	36	20,670	3.56	735	12-71	36	931	-.02	30	63
93-33-0136	7645063	1330987	10-68	2	296	25,725	3.12	802	36	20,275	3.58	726	1-73	40	927	-.04	27	60
93-33-0191	6438714	1429144	5-65	5	304	24,726	3.13	775	28	18,340	3.65	669	7-72	35	1,363	-.14	26	77
93-33-0191	6913656	1483087	8-67	4	302	25,247	3.24	817	23	18,595	3.67	683	3-73	38	1,492	-.13	32	87
93-33-0191	6976576	1379917	9-67	3	305	21,360	3.81	813	33	18,633	3.60	671	11-72	41	762	.02	30	56
93-33-0191	6976577	1299222	9-67	3	305	25,940	4.13	1071	33	18,976	3.63	688	11-72	41	1,354	.07	60	105
93-33-0191	7352541	1531789	12-68	2	305	26,270	3.45	906	27	19,585	3.58	702	6-72	25	972	-.03	31	66
93-33-0191	7780356	1379917	6-70	1	298	21,450	3.62	776	38	17,380	3.54	615	10-72	34	737	-.01	25	51
93-33-0191	7780360	1505857	10-70	1	305	26,850	3.27	878	36	17,410	3.60	626	12-72	26	1,122	-.05	33	73
93-33-0191	7838964	1426616	2-71	1	305	24,020	3.90	937	13	18,440	3.63	669	4-73	35	720	.03	30	54
93-33-0194	6730482	1472870	11-66	3	300	26,143	3.30	862	133	19,733	3.68	726	11-71	B 33	1,267	-.10	30	77
93-33-0194	6730483	1472870	11-66	3	304	22,530	3.58	806	135	19,626	3.69	724	8-71	33	798	-.04	23	52
93-33-0194	6762485	1464976	11-66	3	288	25,383	3.29	835	99	18,070	3.66	661	12-71	B 33	1,065	-.09	24	63
93-33-0194	6762560	1381027	10-65	4	305	24,415	3.67	895	102	18,888	3.71	700	6-72	44	680	.02	28	51
93-33-0194	6766332	1472870	1-67	3	258	23,513	3.25	765	154	19,320	3.67	709	3-72	B 33	961	-.10	19	55
93-33-0194	6935414	1489710	8-67	3	305	24,006	3.41	818	123	19,246	3.69	711	5-72	36	849	-.07	19	50
93-33-0194	7255690	1490933	9-68	2	222	25,690	3.47	891	114	20,140	3.62	730	4-72	B 32	829	-.02	26	55
93-33-0194	7406122	1366011	6-69	1	166	23,610	3.78	893	165	20,140	3.56	717	3-72	B 35	730	.05	34	58
93-33-0194	7452340	1366011	8-69	1	305	27,980	3.15	880	141	20,030	3.55	712	4-72	35	1,071	-.03	34	72
93-33-0194	7530544	1366011	10-69	1	305	22,930	3.63	833	148	20,410	3.60	734	1-72	35	661	.03	29	51
93-33-0194	7694002	1427615	2-70	1	305	24,650	3.45	851	76	18,000	3.78	680	7-72	36	1,013	-.12	17	55
93-33-0195	7611739	1429483	4-69	2	305	21,665	3.44	745	74	17,085	3.73	630	9-72	34	867	-.07	21	53
93-33-0197	7466969	1299222	2-69	2	294	22,125	3.23	714	17	19,520	3.38	660	12-72	39	826	-.06	20	50
93-33-0205	5394358	1343644	7-61	7	305	22,826	3.53	805	140	19,034	3.58	681	6-72	36	799	-.02	25	53
93-33-0205	6792365	1244009	10-66	3	305	19,370	4.01	777	56	16,790	3.60	605	4-72	42	706	.02	29	53
93-33-0205	7068687	1239242	7-67	2	304	28,635	3.33	954	77	19,600	3.38	663	2-73	40	1,169	-.03	37	79
93-33-0205	7406104	1498933	3-69	2	305	25,880	3.26	843	91	19,780	3.50	693	3-73	32	884	-.05	24	56
93-33-0205	7421804	1331709	7-69	2	305	25,060	3.15	790	67	19,455	3.46	674	11-72	40	891	-.09	18	51
93-33-0205	7421806	1331709	7-69	2	287	24,360	3.41	831	58	19,050	3.54	675	10-72	40	853	-.06	22	53
93-33-0234	5888394	1371800	10-62	7	302	22,683	3.60	816	116	17,774	3.60	640	8-72	35	901	-.01	31	63
93-33-0234	5892793	1237057	8-63	6	305	22,276	3.92	874	153	18,958	3.64	691	10-72	44	722	.02	29	54
93-33-0234	6086176	1271075	2-64	6	305	20,028	3.76	754	131	17,798	3.58	638	10-72	44	754	.03	32	57
93-33-0234	6148431	1429483	1-64	7	298	20,632	3.89	803	93	17,881	3.58	641	3-73	39	759	.04	33	59
93-33-0234	6389219	1259069	7-65	6	304	23,187	3.33	771	125	18,300	3.60	659	1-73	44	846	-.07	19	50
93-33-0234	6841272	1480352	2-67	4	305	21,973	3.83	842	89	18,745	3.57	669	12-72	30	616	.06	31	51
93-33-0234	7146033	1429483	4-68	3	304	22,076	3.48	768	98	19,003	3.54	673	2-73	37	789	-.03	23	51
93-33-0234	7146041	1413165	4-68	3	305	24,570	3.15	773	89	19,067	3.60	686	11-72	42	1,041	-.16	13	53
93-33-0234	7174670	1429483	3-68	3	305	23,886	3.32	792	71	18,940	3.56	675	4-73	37	1,024	-.08	25	63
93-33-0234	7186616	1429483	6-68	3	301	22,370	3.38	755	81	19,140	3.57	684	2-73	37	812	-.06	20	50
93-33-0234	7261447	1429483	7-68	3	301	23,686	3.24	768	88	19,253	3.56	686	12-72	37	967	-.09	21	57
93-33-0234	7297320	1429483	10-68	2	305	25,835	2.98	769	66	19,225	3.55	682	4-72	34	1,141	-.13	20	63
93-33-0234	7410292	1521390	3-69	2	305	23,355	3.37	787	62	18,540	3.68	683	1-73	33	854	-.06	21	52
93-33-0234	7533178	1239242	9-69	1	303	26,050	3.69	960	98	19,360	3.71	718	7-72	36	729	.00	26	51
93-33-0234	7611743	1429483	6-69	2	304	25,340	3.83	970	82	18,960	3.55	674	10-72	34	1,110	.02	43	81
93-33-0234	7611748	1521390	6-69	2	301	23,440	3.87	906	107	18,975	3.58	679	9-72	33	824	.03	35	63
93-33-0234	7648919	1429483	2-70	1	305	26,250	3.38	887	46	19,240	3.73	717	5-72	29	981	-.07	25	61
93-33-0234	7918538	1299222	3-70	1	305	21,010	4.29	902	108	19,320	3.70	715	7-72	35	684	.03	30	53

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S RECS	COW'S AVERAGE PRODUCTION DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
93-33-9010	6508586	1330987	7-66	5	297	22,534	3.16	713	34	16,626	3.61	600	3-73	44	1,055	-.05	30	$ 60
93-33-9010	6759809	1462040	1-67	5	302	20,990	3.48	731	36	17,158	3.55	609	3-73	36	770	.01	29	56
93-33-9010	7035537	1462040	2-68	4	300	21,015	3.67	772	39	17,132	3.57	611	2-73	35	752	.05	34	59
93-33-9010	7035538	1462040	12-67	4	295	22,255	3.57	795	38	17,282	3.57	617	1-73	35	913	.03	37	68
93-33-9010	7202813	1462040	7-68	3	301	19,870	4.10	814	25	16,100	3.67	591	8-72	33	670	.11	41	62
93-33-9010	7347665	1462040	7-68	3	293	21,350	3.61	770	23	16,096	3.65	587	10-72	33	869	.02	35	65
93-33-9010	7347668	1366011	12-68	3	302	19,900	3.92	780	51	16,860	3.66	617	3-73	41	750	.07	30	62
93-33-9010	7362591	1365341	7-69	2	284	19,010	3.60	684	36	16,500	3.79	626	8-72	40	768	-.03	23	51
93-33-9041	6383726	1242221	4-65	5	305	21,910	3.87	847	234	17,672	3.63	641	3-73	43	1,221	.04	51	92
93-33-9041	6586855	1032011	5-66	4	305	21,675	3.51	761	238	18,030	3.61	650	4-72	35	824	.01	31	59
93-33-9041	6586856	1032011	7-66	4	305	21,180	3.90	825	239	18,153	3.62	657	7-72	35	738	.08	39	63
93-33-9041	6874843	1366011	7-67	3	301	20,146	3.61	728	201	17,540	3.64	639	6-72	41	715	.02	29	53
93-33-9041	6959653	1463216	8-67	4	302	24,298	3.29	800	219	18,643	3.61	673	2-73	43	805	-.05	22	51
93-33-9041	6986929	1366011	11-67	3	301	21,006	3.73	783	145	18,336	3.62	663	4-73	41	742	.05	34	59
93-33-9041	7204096	1366011	9-68	2	303	21,025	3.66	770	191	18,225	3.63	661	8-72	39	721	.03	31	55
93-33-9041	7204098	010275932	10-68	3	305	24,057	3.76	904	188	18,743	3.60	675	4-73	42	816	.05	37	64
93-33-9041	7359816	1366011	5-69	2	305	21,180	3.35	709	168	18,325	3.62	663	2-73	39	728	-.01	25	51
93-33-9041	7438014	1493686	11-69	1	305	24,310	3.56	865	229	18,990	3.60	684	3-72	36	860	.03	35	64
93-33-9079	6410754	1395837	8-65	5	305	24,024	3.32	798	118	18,552	3.43	636	2-73	38	1,005	.00	36	71
93-33-9079	6443938	1419723	8-65	5	303	23,844	3.23	769	116	18,186	3.43	623	9-72	38	898	-.05	24	57
93-33-9079	6704919	1397184	7-66	4	301	26,030	3.12	811	154	18,455	3.38	624	7-72	37	936	-.06	24	58
93-33-9079	6933826	1399824	11-67	3	304	23,613	3.98	939	122	18,247	3.52	643	2-73	42	1,005	.10	51	84
93-33-9079	7406169	1496424	9-69	2	305	24,910	3.33	829	164	19,240	3.33	641	3-73	32	991	.00	36	70
93-33-9079	7406170	1493686	6-69	2	305	22,860	3.43	783	187	18,360	3.42	627	8-72	40	907	.02	35	66
93-33-9079	7843745	1427615	9-70	1	305	25,880	3.23	836	181	19,500	3.24	632	2-73	36	1,015	-.11	19	57
93-34-0190	7104261	1236721	11-67	3	305	25,687	3.22	827	20	17,070	3.34	570	12-72	38	1,473	-.05	45	90
93-34-0190	7512003	1436080	9-69	2	305	21,215	3.17	672	22	15,870	3.41	541	3-73	38	1,024	-.06	28	65
93-34-2228	7155739	010282579	9-66	4	283	23,342	3.29	769	24	16,595	3.53	585	5-72	38	969	-.08	22	58
93-34-0276	6286860	1320747	4-64	7	300	20,771	3.52	732	43	16,857	3.66	617	1-73	42	809	-.02	26	55
93-36-0004	7288951	1386406	12-68	2	305	22,040	3.89	857	127	16,325	3.53	577	4-72	40	815	.06	39	66
93-36-0012	6177410	1330987	12-63	6	300	19,196	3.99	765	32	16,820	3.76	633	10-71	44	605	.08	34	53
93-36-0012	6297431	1441335	3-65	6	305	20,792	3.89	809	27	16,337	3.74	611	4-73	32	761	.04	34	59
93-36-0012	6547721	1417208	3-66	5	302	21,004	3.72	781	32	16,006	3.79	607	3-73	44	989	.00	36	70
93-36-0012	6609293	1377954	7-66	4	297	19,753	3.49	690	31	15,970	3.82	610	1-73	44	825	-.03	25	54
93-36-0012	7298904	1517960	4-68	3	305	21,007	3.77	793	31	16,500	3.73	616	9-72	29	696	.02	28	52
93-36-0012	7932021	1199324	1-70	1	305	19,460	3.96	770	29	16,100	3.82	615	8-72	36	755	.01	29	56
93-36-0022	6266903	1244009	6-64	5	305	22,302	3.39	756	62	19,530	3.64	710	5-72	44	831	-.07	19	50
93-36-0022	6883574	1315612	8-67	3	305	26,250	3.82	1004	68	19,883	3.61	717	5-72	42	808	.06	38	69
93-36-0022	7526504	1447414	9-69	1	305	24,450	3.65	893	107	20,790	3.62	753	3-72	36	971	-.03	31	65
93-36-0022	7704979	1410733	6-70	1	305	24,480	3.84	941	130	19,000	3.73	708	11-72	36	740	.02	29	54
93-36-0040	6223535	1322863	1-65	5	278	21,378	3.41	729	144	17,628	3.56	627	1-72	42	807	-.04	23	52
93-36-0236	7297321	1429483	10-68	2	305	26,630	3.14	836	86	19,120	3.74	715	4-72	34	1,239	-.12	25	71
93-36-0280	7410291	1521390	3-69	1	305	25,930	3.43	890	96	19,350	3.43	663	9-71	28	868	-.02	28	59
93-36-0281	7358832	1299222	5-66	3	305	22,480	3.75	844	53	18,760	3.67	688	1-73	41	970	-.01	33	67
93-36-0282	7004006	1366011	3-68	2	305	20,340	3.82	777	101	18,235	3.60	656	11-72	39	649	.06	32	53
93-36-0282	7018259	1389915	9-67	1	305	23,190	3.24	751	8	17,300	3.44	595	6-72	34	930	-.07	22	56
93-36-0282	7335963	1472870	2-69	2	302	23,670	3.22	762	71	18,945	3.65	691	10-72	30	947	-.10	19	54
93-36-0282	8007239	1547426	1-70	1	301	29,030	3.34	969	10	18,420	3.43	631	4-73	19	1,080	-.03	34	72
93-36-3338	6389207	1371800	6-65	5	305	22,478	3.47	779	87	17,926	3.75	672	4-72	35	851	-.06	22	53
93-36-0347	5863040	1244845	12-62	7	305	24,491	3.71	909	153	18,850	3.66	690	12-72	44	1,024	-.01	35	71
93-36-0347	6268874	1237057	1-65	4	305	24,882	3.91	973	148	19,372	3.68	712	11-72	44	983	.02	38	72
93-36-0347	6369332	1339836	2-65	4	305	26,173	3.76	983	115	19,235	3.70	712	11-72	42	1,080	-.01	38	76
93-36-0347	6501869	1274685	10-65	4	305	24,335	3.88	943	127	19,540	3.72	726	12-72	40	808	.09	35	54
93-36-0347	7335949	1366011	11-68	2	302	22,530	3.93	885	95	19,890	3.74	743	11-72	39	739	.06	36	60
93-36-0347	7406102	1483844	3-69	2	305	24,765	4.26	1055	98	19,465	3.73	727	3-73	40	707	.09	39	61
93-36-0347	7452379	1366229	10-69	2	305	26,745	3.63	970	117	19,895	3.66	728	3-73	40	869	.05	39	68
93-36-0347	7545921	1366011	9-69	1	305	22,880	3.77	863	84	19,860	3.76	746	10-72	35	691	.03	30	53
93-36-0347	7738106	1458744	9-70	1	305	23,540	3.72	875	76	19,660	3.77	741	2-73	36	789	-.01	27	55
93-36-0347	7768842	1489710	9-70	1	305	28,560	3.06	874	53	19,630	3.77	741	3-73	28	969	-.13	15	52
93-36-0347	7942882	1458744	1-71	1	305	24,880	3.35	833	76	19,660	3.77	741	2-73	36	889	-.05	24	56
93-36-9024	6513902	1395837	2-66	5	297	18,394	3.96	729	45	14,616	3.89	569	11-72	38	648	.07	34	55
93-36-9024	6822313	1458145	10-66	4	291	19,365	3.58	694	56	15,510	3.82	592	2-73	35	776	.00	28	55
93-36-9024	8225970	1495170	5-68	1	305	25,430	3.51	892	66	14,760	3.86	569	6-72	19	1,017	-.03	32	68
93-36-9042	7500311	1366011	5-69	2	305	20,520	3.44	705	18	17,600	3.56	626	6-72	39	720	.01	27	52
93-36-9042	7569886	1366011	12-69	1	305	20,480	3.97	813	14	17,850	3.61	645	3-72	35	630	.07	33	53
93-36-9042	7655022	1366011	3-70	1	305	21,390	3.46	740	13	18,370	3.50	643	4-72	35	660	.02	27	50
93-36-9042	7823223	1399824	11-70	1	305	24,040	3.64	876	20	18,170	3.73	677	11-72	36	826	.01	32	60
93-36-9219	6269846	1381572	3-65	4	305	20,562	3.54	727	19	15,267	3.79	579	6-72	35	812	-.05	22	51
93-36-9219	6540721	1458145	1-66	4	304	19,853	3.60	715	16	14,708	3.86	567	8-72	35	937	.00	34	67
93-36-9219	6672458	1458145	9-66	4	305	18,078	3.98	720	18	15,128	3.85	583	4-72	35	636	.07	33	54
93-36-9243	5841872	1380666	2-63	6	305	22,668	3.63	823	86	17,255	3.62	624	2-73	36	1,020	.01	39	74
93-36-9243	6189977	1409704	8-64	5	305	23,072	3.37	777	103	18,082	3.56	643	12-72	38	937	-.04	28	62
93-36-9243	6216053	1412599	10-64	5	305	24,416	3.26	797	97	18,092	3.55	642	3-72	38	1,070	-.00	26	65
93-36-9243	6387163	1242221	5-65	5	305	18,928	3.79	717	88	16,626	3.53	587	7-72	43	935	.04	40	72
93-36-9243	6487134	1380666	11-65	4	305	24,963	3.44	859	91	18,303	3.50	640	2-72	35	1,194	-.01	41	83
93-36-9243	6795105	1380666	12-66	4	305	24,938	3.77	941	94	17,070	3.53	602	7-72	35	1,330	.06	57	102
93-36-9243	6900482	1299222	7-67	2	305	20,045	3.41	684	89	17,275	3.49	603	8-71	39	797	-.04	22	41
93-36-9243	7122149	1444935	5-68	3	305	22,883	3.47	793	101	17,710	3.57	633	11-72	38	888	-.03	28	60
93-36-9243	7124793	1458744	7-68	2	305	22,770	3.90	887	116	18,460	3.53	651	3-72	40	915	.05	40	71
93-36-9243	7124794	1458744	7-68	3	305	20,820	3.78	786	108	18,750	3.48	653	2-73	42	719	.03	31	55
93-36-9243	7124795	1458744	7-68	3	305	21,640	3.30	714	98	18,890	3.50	662	4-73	42	801	-.04	22	51
93-36-9243	7307130	1412599	12-68	2	305	24,185	3.68	890	113	18,735	3.51	658	4-72	33	780	.01	29	56
93-36-9243	7334002	1458744	11-68	2	305	22,305	3.89	867	121	18,650	3.50	653	5-72	40	853	.05	38	67
93-36-9243	7380938	1409704	4-69	2	305	22,695	3.58	813	110	18,805	3.49	657	1-73	33	668	.02	27	50
93-36-9243	7382400	1509155	3-69	2	303	24,405	3.14	766	105	17,735	3.56	632	10-72	29	925	-.09	19	54

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-36-9243	7415284	1458744	3-69	2	305	24,415	3.01	734	104	18,245	3.55	647	12-72		40	1,100	-.09	25	$ 66
93-36-9243	7420811	1493686	7-69	2	281	21,650	3.53	765	110	18,635	3.51	654	12-72		40	762	.02	31	57
93-36-9243	7468383	1380666	6-69	2	305	23,880	3.32	792	90	18,585	3.52	655	3-73		31	874	-.04	26	57
93-36-9243	7513135	1458744	12-69	2	292	24,440	3.38	825	104	18,950	3.54	670	3-73		40	1,045	-.04	32	69
93-37-0062	5935947	1136564	9-63	3	300	21,953	3.29	722	237	18,050	3.51	662	6-72		41	843	-.07	20	51
93-37-0062	6772304	1299435	1-67	3	305	22,396	3.68	824	240	18,853	3.52	663	8-72		40	770	.00	28	55
93-37-0062	6987881	1322863	1-68	3	299	23,347	3.56	831	211	19,057	3.51	668	5-72		39	853	.00	30	60
93-37-0062	7487119	1427615	12-69	2	298	25,275	2.98	754	211	19,250	3.53	680	3-73		40	1,145	-.18	13	57
93-37-0133	6650484	1417208	9-66	2	305	22,020	4.13	909	18	17,245	3.58	618	3-73		40	869	.08	44	72
93-37-0133	7821697	1427381	2-70	1	305	18,240	3.97	725	26	16,460	3.61	595	8-72		36	870	.08	43	71
93-37-9014	5549381	1136564	8-60	4	305	21,015	3.59	754	68	17,093	3.53	604	1-72		42	928	-.02	30	63
93-37-9014	6174631	1136564	9-64	6	301	20,698	3.47	718	65	17,293	3.61	625	5-72		43	885	-.05	24	56
93-37-9014	6326111	1242221	4-65	5	295	19,068	3.38	645	82	17,140	3.63	623	3-73		43	899	-.04	26	58
93-37-9014	6345976	1242221	6-65	5	305	19,470	3.69	718	88	16,964	3.61	613	1-73		43	971	.01	37	71
93-37-9014	6455974	1242221	8-65	6	301	22,280	3.29	732	89	17,145	3.62	620	1-73		43	1,326	-.06	38	86
93-37-9014	6457994	1242221	9-65	6	302	21,963	3.69	811	70	17,300	3.61	624	3-73		43	1,267	.02	48	92
93-37-9014	6734976	1261857	9-66	5	298	19,678	3.70	729	59	17,512	3.60	630	4-73		44	648	.07	34	55
93-37-9014	6792673	1464976	12-66	4	305	24,790	3.13	777	85	17,047	3.61	616	1-73		35	1,173	-.13	22	66
93-37-9014	6894848	1261857	8-67	4	295	19,255	3.98	767	94	17,258	3.60	622	10-72		44	610	.11	39	58
93-37-9014	6894850	1261857	9-67	4	299	20,730	3.45	716	96	17,223	3.60	620	10-72		44	796	.03	33	60
93-37-9014	7091079	1242221	1-68	3	301	21,373	3.95	844	59	17,623	3.61	637	4-72		41	1,113	.06	49	86
93-37-9014	7110853	1242221	4-68	3	299	19,463	3.63	706	94	17,283	3.56	616	12-72		41	919	.01	34	66
93-37-9014	7117098	1242221	7-68	2	305	19,485	3.64	709	68	17,390	3.69	642	6-72		38	897	.00	32	63
93-37-9014	7171331	1517483	9-68	3	305	21,950	3.53	774	65	17,516	3.61	633	4-73		33	810	.01	31	59
93-37-9014	7237517	1242221	10-68	2	302	20,100	3.59	721	71	17,270	3.64	628	8-72		30	971	-.01	34	68
93-37-9014	7288035	1386406	10-68	2	305	20,595	3.85	792	95	17,105	3.57	610	1-73		40	605	.05	30	50
93-37-9014	7342722	1242221	1-69	2	301	21,955	3.37	739	54	17,610	3.66	644	4-72		38	1,137	-.04	35	76
93-37-9014	7355788	1261857	2-69	2	305	22,280	3.46	771	58	17,220	3.68	634	7-72		40	883	.02	35	65
93-37-9014	7381441	1242221	4-69	2	305	20,065	3.90	782	54	17,325	3.65	632	5-72		38	963	.03	40	73
93-37-9014	7381442	1386406	4-69	1	305	22,070	4.00	882	91	17,200	3.65	628	10-71		36	614	.06	31	51
93-37-9014	7381448	1242221	6-69	2	298	19,145	3.80	728	54	17,325	3.65	632	5-72		38	867	.02	35	65
93-37-9014	7449284	1242221	6-69	2	296	20,590	3.17	653	99	17,440	3.54	618	12-72		38	1,008	-.05	28	64
93-37-9014	7449288	1242221	7-69	2	305	22,360	3.27	731	76	17,560	3.54	621	3-73		38	1,183	-.04	36	78
93-37-9014	7569653	1366011	11-69	1	305	22,340	2.88	643	91	17,160	3.53	606	9-72		35	815	-.05	22	52
93-37-9014	7571466	1261857	12-69	1	302	23,890	3.57	852	67	17,450	3.55	620	8-72		36	858	.06	40	68
93-37-9014	7609745	1242221	2-70	1	291	19,410	3.29	639	93	17,060	3.51	598	1-73		34	802	-.02	28	59
93-37-9014	7609750	1299222	3-70	1	305	21,530	3.15	678	84	17,230	3.51	604	2-73		35	854	-.07	20	51
93-37-9014	7724066	1366011	9-70	1	305	19,800	3.94	781	101	17,130	3.48	596	1-73		35	622	.07	33	53
93-37-9031	5955019	1244009	9-63	7	301	21,051	3.55	748	70	18,462	3.43	634	5-72		44	779	-.02	25	53
93-37-9031	6455832	1239242	5-65	5	304	22,598	3.41	770	67	18,842	3.40	641	4-72		44	734	-.02	24	50
93-37-9031	6571518	1463154	4-66	5	305	29,752	2.97	884	84	18,182	3.48	632	2-73		35	2,086	-.19	43	121
93-37-9031	6634438	1463154	10-66	4	302	23,890	2.83	676	68	19,063	3.38	644	4-72		34	1,061	-.10	10	51
93-37-9031	6712305	1463154	11-66	4	305	24,398	3.21	784	75	18,703	3.44	644	7-72		34	1,176	-.10	26	70
93-37-9031	6744586	1271075	9-66	5	305	22,410	3.13	701	80	19,058	3.38	645	3-73		44	934	-.06	24	58
93-37-9031	7001564	1463154	8-67	4	303	23,483	3.14	738	81	19,003	3.38	642	1-73		34	1,009	-.11	19	57
93-37-9031	7545946	1438016	8-69	2	305	29,780	2.99	891	67	19,025	3.40	647	4-73		30	1,341	-.10	33	82
93-37-9031	7619119	1427381	12-69	1	305	24,130	3.67	886	75	19,690	3.45	680	4-72		36	1,117	.06	49	87
93-37-9031	7694249	1427381	10-69	1	62	24,160	3.49	843	91	19,380	3.44	666	3-72	8	36	1,137	.04	47	86
93-37-9036	6680192	1388938	10-66	4	305	19,960	3.33	665	29	14,710	3.51	517	9-72		33	845	-.05	23	54
93-37-9036	6855207	1388938	7-67	2	305	21,440	3.42	734	28	15,590	3.60	561	8-72		29	815	-.03	24	53
93-37-9036	7398179	1458744	8-69	2	294	20,525	3.33	684	36	15,935	3.35	534	1-73		40	892	-.02	29	61
93-37-9036	7723483	1537425	9-70	1	305	22,970	4.01	922	27	14,880	3.20	488	1-73		22	793	.09	42	67
93-39-0001	6068956	1372323	2-64	6	305	23,078	3.09	713	42	19,182	3.46	664	4-72		35	913	-.11	16	51
93-39-0001	7052097	1470784	9-66	4	301	23,270	3.57	830	39	19,595	3.49	684	6-72		35	855	.00	31	61
93-39-0001	7052098	1470784	10-66	4	305	25,695	3.29	846	43	19,770	3.44	680	4-72		35	1,183	-.05	34	77
93-39-0001	7052113	1491068	3-67	4	301	24,513	3.17	778	37	18,758	3.52	660	8-72		30	1,001	-.09	22	59
93-39-0001	7115953	1491068	3-67	4	305	24,498	3.60	883	39	18,505	3.51	650	11-72		30	1,029	.02	40	75
93-39-0001	7115964	1330987	11-67	3	305	21,876	3.89	852	36	20,123	3.49	703	5-72		42	578	.10	36	54
93-39-0001	7196817	1488500	7-68	3	296	23,723	3.36	797	42	19,506	3.55	693	2-73		35	993	-.05	28	64
93-39-0001	7208363	1330987	11-68	2	299	24,880	3.23	804	47	19,950	3.48	694	3-72		40	868	-.01	30	60
93-39-0001	7483086	1330987	3-69	2	305	20,870	3.97	829	27	18,710	3.66	684	8-72		40	562	.08	33	51
93-39-0001	7806355	1398216	7-70	1	305	24,180	3.77	912	47	19,150	3.69	706	12-72		36	798	-.03	24	53
93-39-0001	7806357	1330987	5-70	1	305	23,920	3.56	851	39	18,480	3.76	695	11-72		36	739	.02	30	55
93-39-0001	8098938	010308691	10-70	1	305	27,270	3.60	982	47	19,080	3.69	704	12-72		28	1,481	.03	58	109
93-39-0004	6530232	1460446	3-66	4	303	21,977	3.77	828	56	17,162	3.52	604	12-72		35	774	.05	36	62
93-39-0005	6097290	1406286	2-64	6	303	19,925	3.47	692	28	14,387	3.70	533	10-72		32	871	-.03	26	57
93-39-0005	7037586	1487824	3-68	3	305	23,043	3.62	834	36	15,853	3.69	585	1-73		32	1,115	-.01	39	78
93-39-0005	7037589	1487824	3-68	3	303	21,993	3.54	779	32	15,866	3.76	596	12-72		32	971	-.03	30	65
93-39-0005	7315974	1458744	3-69	2	302	19,675	3.88	763	34	16,695	3.66	611	3-73		40	744	.03	31	56
93-39-0005	7427254	1458744	9-69	2	301	21,130	3.52	744	36	16,820	3.64	612	2-73		40	882	-.02	28	59
93-39-0014	7656472	1502972	7-70	1	305	27,730	3.33	923	75	20,860	3.59	748	11-72		23	916	-.04	26	59
93-39-0025	6603456	1425137	8-66	4	302	22,903	3.25	745	86	16,930	3.52	596	10-72		44	824	-.06	20	50
93-39-0025	6957119	1385225	11-67	4	298	20,382	3.39	690	79	17,087	3.49	596	10-72		43	819	-.02	26	55
93-39-0025	7104328	1385225	6-68	3	304	23,120	3.35	775	84	17,636	3.44	607	10-72		42	1,064	-.03	34	72
93-39-0025	7334601	1385225	4-69	2	300	24,325	3.14	765	93	18,760	3.32	623	3-72		40	1,019	-.05	29	66
93-39-0025	7504740	1385225	9-69	2	305	21,495	3.34	718	91	17,455	3.39	591	9-72		40	837	-.02	27	57
93-39-0025	7762651	1386859	9-70	1	305	24,390	3.24	790	91	18,360	3.39	622	1-73		35	755	-.01	25	52
93-39-0077	7475351	1438535	7-69	1	305	23,920	3.87	925	57	19,410	3.65	708	1-72		35	741	.06	36	60
93-39-0087	6427700	1444432	7-65	5	305	22,166	3.64	807	40	17,240	3.54	610	7-72		32	864	.02	34	64
93-39-0087	6554646	1437633	3-66	4	305	22,252	3.28	730	40	18,210	3.51	640	3-72		41	1,031	-.08	25	63
93-39-0087	6823422	1437633	9-66	4	305	23,982	3.44	826	43	17,960	3.50	629	7-72		41	1,278	-.04	39	85
93-39-0087	6823423	1437633	12-66	4	305	21,825	3.28	716	47	19,597	3.46	678	1-73		41	834	-.06	20	51
93-39-0087	6832974	1437633	3-67	4	305	22,040	3.18	700	43	19,460	3.47	676	2-73		41	875	-.09	18	51
93-39-0087	6922070	1437633	10-67	3	305	21,116	3.78	799	37	18,003	3.50	631	8-72		40	884	.01	33	64
93-39-0087	7003198	1499173	1-68	2	305	25,480	3.38	860	42	20,510	3.38	694	11-71		30	864	-.05	24	55

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOLLARS
93-39-0087	7003202	1299435	1-68	3	305	27,443	2.73	748	54	20,173	3.47	701	1-73	40	1,247	-.18	16	$ 64
93-39-0087	7132673	1299222	4-68	3	305	25,323	3.30	836	53	20,580	3.42	703	1-73	41	1,132	-.06	31	72
93-39-0087	7132674	1377052	4-68	3	305	25,456	3.38	861	52	20,566	3.42	703	1-73	42	826	-.01	28	57
93-39-0087	7281211	1499173	8-68	2	305	26,605	2.89	770	37	20,255	3.34	677	4-72	30	1,022	-.14	15	54
93-39-0087	7358395	1377052	10-68	2	305	24,295	3.43	833	42	18,030	3.53	636	7-72	40	837	-.01	28	58
93-39-0087	7546358	1366011	1-70	1	305	24,630	3.09	761	59	19,910	3.57	711	11-72	35	822	-.04	24	54
93-39-0129	7410097	1406271	4-69	2	305	24,585	3.13	769	83	18,610	3.36	625	9-72	40	1,062	-.02	35	73
93-39-0189	7073601	1473790	4-68	2	305	24,655	3.46	854	93	19,925	3.44	686	4-72	32	851	.00	30	60
93-39-0189	7271151	1330987	10-68	2	305	23,760	3.30	783	86	20,340	3.53	719	5-72	40	722	.00	26	51
93-39-0189	7567497	1417208	12-69	1	304	25,090	3.63	912	100	19,700	3.58	706	8-72	36	829	.01	31	60
93-39-0189	7765045	1427381	9-70	1	285	24,920	3.58	892	104	19,940	3.59	715	11-72	36	1,161	.04	48	87
93-39-0209	7376713	1347940	1-68	1	305	23,620	2.83	668	144	17,560	3.30	580	1-72	36	993	-.06	26	62
93-39-0217	7513081	1438535	8-69	1	290	23,450	3.48	815	124	17,490	3.42	599	5-72	35	821	.03	34	62
93-39-0233	6848244	1471445	8-67	3	305	20,663	4.00	826	52	16,366	3.86	631	10-72	42	690	.07	35	57
93-39-0241	7691656	1347940	2-69	2	305	20,415	3.64	743	49	15,645	3.82	598	10-72	40	973	-.01	34	68
93-39-0241	7691657	1347940	5-69	2	305	19,025	3.75	714	47	15,915	3.79	603	11-72	40	810	.01	30	58
93-39-0349	6073468	1385225	9-65	6	305	19,941	3.41	680	27	16,480	3.53	581	4-72	44	842	-.03	26	56
93-39-0349	7263972	1493311	8-68	3	305	25,270	3.89	983	38	20,166	3.70	747	4-73	41	721	.08	34	58
93-39-0349	7477788	1325017	9-69	2	305	29,370	3.23	948	37	21,395	3.72	796	4-73	38	1,150	-.12	22	65
93-39-0349	7477808	1347940	9-69	1	305	21,400	3.79	810	43	19,090	3.72	711	7-72	36	736	.01	28	53
93-39-0349	7614370	1406271	5-70	1	302	22,960	3.49	801	39	19,030	3.74	711	8-72	36	757	.01	29	55
93-40-0019	7350339	1330987	12-68	2	305	20,375	3.49	711	11	16,490	3.47	572	3-73	40	692	.03	30	53
93-40-9002	5812567	1242221	1-63	6	305	19,252	3.71	715	18	17,543	3.64	639	7-72	43	881	.01	34	64
93-40-9002	6012286	1411047	10-63	7	305	20,481	4.25	870	23	17,946	3.67	659	7-72	38	967	.14	42	58
93-40-9002	6115501	1242221	6-64	6	296	20,572	3.73	767	20	18,095	3.63	657	7-72	43	998	.02	39	73
93-40-9002	6489859	1242221	10-65	5	300	20,734	3.37	699	17	18,750	3.54	663	2-72	43	949	-.03	29	63
93-40-9002	6489860	1242221	10-65	5	305	25,204	3.64	917	17	18,476	3.56	657	6-72	43	1,573	.02	59	113
93-40-9002	6714614	1450228	11-66	4	305	22,515	3.55	800	23	17,825	3.60	641	9-72	44	1,106	-.02	36	75
93-40-9002	6714616	1242221	11-66	4	305	21,078	3.48	734	18	18,148	3.56	646	5-72	42	1,047	-.02	35	72
93-40-9002	6886106	1242221	4-67	4	305	21,943	3.43	752	22	17,610	3.69	650	9-72	42	1,211	-.04	37	80
93-40-9002	7072486	1450228	12-67	3	305	22,026	3.58	789	26	17,470	3.61	631	8-72	42	1,048	-.02	34	71
93-40-9002	7072487	1242221	1-68	3	305	21,050	3.69	776	25	17,623	3.61	636	8-72	41	1,075	.01	41	78
93-40-9002	7228511	1242221	10-68	2	305	25,280	3.01	761	17	18,030	3.53	636	5-72	38	1,449	-.09	38	91
93-40-9002	7627602	1242221	7-70	1	305	21,390	3.79	810	13	19,040	3.49	664	12-72	34	912	.03	37	68
93-40-9002	7627604	1242221	7-70	1	305	22,300	3.64	812	23	16,990	3.63	617	7-72	34	1,109	.00	40	79
93-40-9029	5357269	1343108	5-61	8	305	24,388	3.12	761	67	18,109	3.55	643	9-72	32	1,106	-.11	23	64
93-40-9029	6463542	1440249	11-64	6	305	28,573	3.25	930	78	19,177	3.51	673	3-73	32	1,634	-.08	46	105
93-40-9029	6729926	1295523	12-66	4	305	23,563	3.11	733	76	18,995	3.52	668	6-72	43	891	-.08	19	52
93-40-9029	6741510	1373055	10-66	5	293	22,762	3.48	793	60	16,676	3.62	604	1-73	44	958	-.05	27	62
93-40-9029	6791575	1399607	6-66	4	305	25,743	3.43	883	81	19,318	3.55	686	2-72	44	955	-.02	31	65
93-40-9029	6847408	1478014	2-67	4	305	21,515	3.56	765	135	17,848	3.60	642	1-73	43	770	.02	30	56
93-40-9029	6907135	1458744	9-66	2	305	24,230	3.57	865	71	17,025	3.74	636	8-71	40	1,180	-.02	39	81
93-40-9029	7126904	1427381	5-68	3	305	23,733	3.33	791	113	19,090	3.51	671	1-73	42	1,282	.00	46	91
93-40-9029	7187346	1471968	4-68	3	305	23,836	3.35	798	105	18,576	3.56	661	12-72	37	984	-.07	24	60
93-40-9029	7338526	1458744	2-69	1	305	22,840	3.46	790	89	19,780	3.45	682	3-72	36	730	-.01	24	50
93-40-9029	7343252	1481962	12-68	2	305	21,695	3.73	809	98	19,635	3.50	688	2-72	34	690	.05	32	55
93-40-9029	7521188	1242221	9-69	1	305	26,820	3.33	894	107	18,700	3.44	643	2-73	34	1,351	-.02	45	93
93-40-9029	7622964	1366229	1-70	1	305	26,610	3.42	911	75	19,500	3.46	674	4-72	36	674	.04	30	53
93-40-9029	7648359	1458744	2-70	1	305	26,060	3.43	895	74	19,460	3.46	673	4-72	36	989	-.02	33	68
93-40-9029	7830435	1458744	11-70	1	305	22,920	3.24	742	121	18,760	3.45	648	1-73	36	797	-.04	23	52
93-40-9029	7876443	1242221	11-70	1	305	23,180	3.10	718	122	18,690	3.46	646	1-73	34	1,072	-.05	31	70
93-40-9029	7901616	1450228	1-71	1	305	22,840	3.24	741	83	19,220	3.41	656	3-73	36	843	-.05	23	54
93-42-9012	6831483	1427604	3-67	4	280	23,028	3.62	833	90	17,450	3.71	647	12-72	35	1,039	.00	37	73
93-42-9012	7771580	1450228	1-71	1	305	21,880	3.56	779	118	18,290	3.67	672	2-73	36	827	-.03	25	55
93-48-0014	7515451	1507995	9-69	2	305	20,830	3.73	777	9	15,830	3.71	588	2-73	30	727	.01	28	53
93-49-0051	7467696	1438080	3-68	1	305	19,850	4.33	859	69	15,200	3.41	519	9-72	34	836	.07	41	60
93-49-0096	6831484	1427604	3-67	2	294	22,420	3.91	876	55	16,500	3.80	627	3-72	30	913	.04	39	70
93-49-0098	6051682	1244845	3-64	6	305	23,283	3.26	759	58	18,037	3.44	621	4-73	44	952	-.07	23	58
93-49-0098	7290021	1507527	3-69	2	305	22,955	3.50	803	57	18,305	3.44	630	3-73	30	673	.02	28	51
93-49-0098	7927549	1347940	1-70	1	305	24,200	3.55	859	63	18,320	3.55	651	8-72	36	991	.00	36	70
93-49-0165	6577532	1421797	8-65	4	302	22,497	3.12	703	53	16,377	3.45	565	11-72	34	1,032	-.10	22	60
93-49-0165	6577539	1458744	7-66	3	305	20,440	3.41	697	53	17,026	3.44	585	3-72	42	834	-.02	27	57
93-49-0165	7044000	1377954	11-67	3	288	19,887	3.54	704	67	16,377	3.47	569	6-72	42	776	.01	30	57
93-49-0165	7580716	1387978	6-68	3	279	20,270	3.54	718	71	16,173	3.47	561	9-72	42	888	.00	32	63
93-49-0165	7580717	1387978	6-68	2	305	27,530	3.39	933	63	16,920	3.46	585	5-72	40	1,518	-.03	50	104
93-49-0165	7890101	1531335	8-70	1	305	25,820	3.11	803	68	16,390	3.51	575	9-72	22	1,066	-.07	20	67
93-49-0165	7890102	1458744	9-70	1	305	24,270	3.19	774	73	17,360	3.43	595	11-72	36	981	-.05	28	63
93-49-0165	7890122	1499787	9-70	1	305	26,010	3.13	813	37	18,140	3.29	597	3-73	23	769	-.03	23	51
93-49-0165	7890131	1458744	8-70	1	305	24,810	3.24	804	52	17,990	3.31	596	2-73	36	984	-.03	30	65
93-49-0165	7890144	1500227	6-69	1	305	25,860	3.17	821	50	18,890	3.35	633	2-72	23	815	-.03	24	53
93-49-0182	5652503	1199324	12-61	8	285	18,434	3.76	694	37	15,766	3.74	589	3-73	44	795	.00	29	57
93-49-0182	6073531	1199324	12-62	4	297	19,353	3.42	661	41	15,165	3.80	576	9-72	44	958	-.05	26	61
93-49-0182	6310858	1242221	3-65	9	295	21,053	3.51	738	47	15,760	3.79	598	5-72	41	1,252	-.03	40	84
93-49-0182	8029676	1536605	7-69	1	305	24,320	3.51	854	52	16,240	3.73	605	4-72	19	799	-.02	26	54
93-49-0222	7619128	1517422	4-70	1	305	20,370	3.35	683	25	16,030	3.54	568	10-72	27	807	-.05	22	51
93-49-0276	5574115	1178318	12-61	4	296	23,825	3.13	745	20	17,393	3.56	619	4-72	41	971	-.08	23	59
93-49-0276	6109592	1378585	3-64	4	294	27,090	2.82	765	18	17,903	3.54	633	9-72	34	1,511	-.19	24	82
93-49-0277	7004289	1242221	9-67	2	305	24,115	3.72	897	30	17,560	3.52	618	7-72	38	1,367	.02	53	100
93-49-0277	7206491	1382418	5-68	3	305	20,830	3.78	787	29	17,243	3.56	613	8-72	35	767	-.01	26	53
93-49-0277	7206527	1388586	9-68	2	305	25,845	3.24	838	57	17,655	3.66	646	1-73	40	1,137	-.13	20	63
93-49-0277	7314428	1438535	4-69	2	298	21,670	3.37	731	39	17,680	3.51	620	7-72	40	777	.01	29	56
93-49-0312	5905998	1252231	8-63	4	305	20,453	4.12	842	21	17,033	3.61	615	1-73	41	487	.13	37	51
93-49-0312	6946151	1427520	1-68	3	305	22,333	3.20	714	23	16,523	3.70	612	9-72	29	882	-.09	17	50
93-49-0339	6138785	1199324	4-64	4	305	23,018	3.24	746	134	16,693	3.55	592	11-72	44	1,260	-.07	34	80
93-49-0339	6530685	1399824	3-66	4	305	21,245	3.48	740	21	16,585	3.61	599	3-72	44	922	.00	33	65

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-49-0339	6612023	1399824	9-66	5	302	22,224	3.32	738	20	16,836	3.57	601	3-73		44	1,046	-.03	33	$ 70
93-49-0339	6891378	1399824	7-67	3	305	22,807	3.33	759	30	17,860	3.61	644	4-72		42	948	-.03	30	64
93-49-0339	7082802	1427615	3-68	3	304	19,673	4.05	797	42	17,380	3.66	636	8-72		42	751	-.03	23	50
93-49-0339	7272290	1427615	10-68	2	305	22,175	3.40	755	37	17,830	3.62	646	12-72		40	945	-.12	16	52
93-49-0339	7302138	1441440	11-68	2	305	22,325	3.91	873	19	18,100	3.71	671	2-73		40	806	.06	38	65
93-49-0339	7367159	1507388	6-69	1	305	22,280	3.89	866	46	19,320	3.67	709	5-72		26	645	.06	33	54
93-49-0339	7403639	1365341	10-69	2	210	23,300	3.31	771	30	20,090	3.65	733	5-72		40	912	-.06	23	56
93-49-0339	7574658	1347940	1-70	1	305	24,790	3.34	829	48	18,830	3.68	693	6-72		36	1,004	-.03	31	67
93-49-0364	6874540	1330987	4-67	2	305	23,525	3.29	775	21	18,795	3.35	630	3-73		40	824	.02	32	60
93-49-0364	7349735	1458744	8-67	3	302	20,643	3.53	729	16	18,173	3.42	622	2-73		42	752	.00	27	53
93-49-0364	7572457	1521958	7-69	2	305	26,050	3.22	838	16	17,885	3.52	630	7-72		32	1,158	-.05	34	76
93-49-0364	7972458	1521958	8-69	2	305	23,730	3.49	827	23	18,715	3.32	622	2-73		32	813	.03	34	62
93-49-0373	4998035	1038509	10-59	4	305	22,098	3.58	791	27	16,613	3.67	609	3-73		44	933	-.04	27	61
93-49-0373	6224454	1199324	5-64	4	291	21,988	3.37	742	45	19,718	3.63	716	12-72		44	834	-.05	22	52
93-49-0373	6733544	1347940	10-66	4	305	22,452	4.12	924	21	17,467	3.83	669	8-72		44	1,128	.07	51	89
93-49-0373	7190149	1438080	12-67	2	305	21,910	3.32	727	35	18,045	3.70	668	8-72		38	915	-.06	24	57
93-49-0373	7669087	1517422	11-70	1	305	23,880	3.43	818	31	18,680	3.52	658	4-73		27	926	-.04	27	60
93-49-0373	8098940	010308691	12-70	1	305	22,610	3.41	772	72	18,480	3.52	651	1-73		28	1,130	.02	44	83
93-49-0377	6233495	1297472	11-64	5	305	22,270	3.44	767	57	17,704	3.53	625	11-72		44	723	.01	28	53
93-49-9101	5985117	1414273	12-63	7	305	24,724	3.80	939	110	18,561	3.81	707	1-73		43	728	.04	32	56
93-49-9101	6012288	1403591	9-63	6	304	24,000	3.52	844	107	18,492	3.80	702	8-72		39	752	-.01	25	52
93-49-9101	6180811	1271810	8-64	6	305	23,225	3.69	858	103	19,010	3.77	717	2-73		44	931	-.04	28	61
93-49-9101	6535587	1462168	2-66	5	299	23,244	4.05	942	111	19,060	3.81	727	4-73		44	578	.10	36	54
93-49-9101	6571257	1470223	5-66	4	305	21,373	4.11	878	104	18,743	3.87	725	5-72		34	605	.08	34	53
93-49-9101	6600886	1449151	7-66	4	305	23,010	3.83	881	112	18,757	3.91	733	10-72		37	969	-.02	31	65
93-49-9101	6811230	1470223	4-67	4	304	23,190	4.10	950	109	19,785	3.84	759	1-73		34	747	.09	41	65
93-49-9101	6811235	1470223	5-67	3	305	22,263	4.05	901	108	19,253	3.82	736	8-72		32	639	.07	34	55
93-49-9101	6826473	1406271	4-67	3	305	24,070	3.59	865	115	19,973	3.88	775	2-73		42	956	.00	34	67
93-49-9101	6882311	1470223	9-67	3	305	23,483	4.09	960	106	19,080	3.89	742	5-72		32	823	.08	42	69
93-49-9101	6946145	1470223	11-67	3	302	22,333	4.00	893	126	18,657	3.97	741	8-72		32	713	.05	33	57
93-49-9101	7015365	1470223	2-68	3	301	23,967	3.86	924	108	19,433	3.91	760	3-73		32	850	.03	35	64
93-49-9101	7160367	1458744	6-68	3	305	27,343	3.70	1011	81	19,916	3.82	760	2-73		42	1,362	-.01	47	95
93-49-9101	7186060	1494339	10-68	2	304	25,140	3.91	983	127	19,290	4.04	779	5-72		25	858	.01	33	63
93-49-9101	7244236	1507388	1-69	2	305	21,045	4.27	899	128	19,325	4.05	782	6-72		32	592	.08	34	53
93-49-9101	7351907	1522954	6-69	2	305	26,285	3.64	956	111	20,595	3.90	804	12-72		31	884	-.03	27	59
93-49-9101	7351915	1507388	7-69	2	305	23,305	3.90	908	98	20,815	3.86	804	3-73		32	715	.05	33	57
93-49-9101	7457539	1477381	12-69	1	305	24,940	4.40	1097	118	20,670	3.84	793	12-72		35	869	.11	41	62
93-49-9101	7652889	1441440	6-70	1	305	26,300	3.84	1010	116	20,240	3.88	786	11-72		36	861	.03	36	65
93-49-9281	5584860	1295523	12-61	5	305	21,100	3.79	799	53	18,288	3.64	666	2-72		44	673	.02	28	51
93-49-9281	6369331	1339836	2-65	5	305	26,230	3.24	850	134	19,418	3.67	712	3-73		43	1,110	-.11	22	64
93-49-9281	6417772	1410237	11-65	4	305	27,030	4.19	1133	56	18,900	3.75	708	2-72		43	976	.15	58	88
93-49-9281	6867203	1488495	12-66	3	305	24,693	4.04	998	84	18,860	3.78	712	11-71		35	869	.11	48	76
93-49-9281	7017737	1308796	3-67	3	305	27,827	3.50	974	73	19,243	3.74	720	1-72		42	1,144	-.06	31	72
93-49-9281	7427432	1242221	8-69	2	305	23,845	3.69	879	93	19,140	3.77	721	12-72		38	1,206	.00	43	85
93-49-9281	7441707	1428104	2-69	1	305	27,280	3.47	946	95	18,580	3.81	708	10-71		36	1,173	-.10	26	69
93-49-9281	7822450	1458744	10-70	1	305	24,660	4.21	1039	95	19,040	3.68	700	1-73		36	910	.06	42	72
93-50-0008	7267641	010287171	1-69	2	305	28,870	2.92	844	13	18,545	3.83	710	4-72		39	1,447	-.19	22	77
93-50-0008	7395446	1491142	9-69	2	305	25,220	3.76	949	18	19,630	3.74	734	2-73		33	848	.00	30	60
93-50-0033	7360383	1347940	5-69	1	305	17,770	3.73	662	8	14,550	3.74	544	8-72		36	737	.00	27	53
93-50-0062	6886766	1377954	4-67	3	305	23,957	2.87	688	26	19,677	3.44	676	2-72		42	941	-.10	19	54
93-50-0062	6886771	1258673	10-67	4	303	27,275	3.56	971	22	19,800	3.37	668	3-73		44	863	.14	53	80
93-50-0062	7640453	1447414	4-70	1	305	24,070	3.45	830	21	20,330	3.37	686	6-72		36	970	-.03	30	65
93-50-0072	6429008	1404152	11-65	5	303	23,530	3.05	718	39	17,980	3.57	642	12-72		32	986	-.12	16	53
93-50-0072	6931236	010275932	10-67	3	305	24,977	3.58	894	41	19,247	3.56	685	3-73		42	876	.02	35	65
93-50-0072	7235595	1427381	2-69	2	305	22,685	3.87	879	43	19,045	3.63	691	1-73		40	1,127	.07	52	89
93-50-0072	7321552	1464904	2-69	2	305	27,870	3.27	911	36	19,100	3.63	694	2-73		32	1,184	-.09	29	72
93-50-0084	5731173	1320747	9-62	6	305	20,098	4.53	911	117	17,653	3.66	646	8-72		42	634	.16	47	65
93-50-0084	6679098	1438332	8-66	5	302	21,176	3.66	774	129	17,404	3.72	648	8-72		44	823	-.04	24	54
93-50-0084	6758918	1438332	10-66	4	305	23,150	3.62	837	157	18,087	3.71	671	1-72		43	979	-.05	28	63
93-50-0084	6797460	1444935	12-66	5	305	22,782	3.78	861	151	18,674	3.68	688	2-73		40	843	.02	34	63
93-50-0084	6924887	1468358	7-67	4	301	24,415	3.02	737	160	18,705	3.73	697	12-72		42	1,065	-.15	15	56
93-50-0084	6962825	1471445	8-67	3	305	24,076	3.39	816	165	19,320	3.71	717	12-72		42	812	-.03	25	54
93-50-0084	6962830	1385225	9-67	3	305	23,570	3.37	795	157	19,220	3.69	710	1-73		42	969	-.03	27	62
93-50-0084	7018359	1458744	11-67	4	305	23,310	3.68	857	141	19,465	3.66	712	3-73		44	972	.00	35	69
93-50-0084	7050961	1486740	12-67	4	305	23,805	3.99	949	164	19,390	3.65	707	1-73		41	696	.04	31	54
93-50-0084	7125534	1458744	1-68	4	305	22,317	3.54	791	153	19,490	3.65	711	2-73		44	847	-.02	27	57
93-50-0084	7125539	1217639	7-68	3	305	25,990	3.39	880	141	18,943	3.67	695	12-72		41	720	.00	26	51
93-50-0084	7488771	1512599	7-69	1	305	27,490	3.15	866	180	20,420	3.76	768	2-72		33	916	-.06	23	57
93-50-0084	7488773	1422655	7-69	2	305	23,085	3.67	848	123	18,630	3.73	694	10-72		39	748	.02	30	56
93-50-0084	7518117	1385225	8-69	2	305	23,125	3.52	815	122	18,315	3.73	684	8-72		40	933	-.03	29	62
93-50-0084	7518118	1385225	9-69	2	305	24,420	3.91	956	166	19,820	3.75	744	1-73		40	943	.03	39	71
93-50-0084	7518120	1347940	9-69	2	305	27,325	3.45	944	126	18,470	3.73	689	9-72		40	1,445	-.03	47	98
93-50-0084	7750453	1236789	3-70	1	305	26,030	3.40	884	131	19,710	3.77	744	4-72		35	868	-.03	26	57
93-50-0084	7750463	1468358	8-70	1	305	26,730	3.25	870	168	19,610	3.76	736	1-73		35	895	-.08	20	53
93-50-0084	7750464	1385225	3-70	2	297	22,565	3.62	816	149	20,100	3.73	733	3-73		40	730	-.01	24	50
93-50-0084	7862214	1441440	11-70	1	305	23,460	3.68	863	136	19,210	3.76	722	11-72		36	721	.02	29	53
93-50-0084	7862216	1458744	11-70	1	305	27,510	3.97	1093	122	19,890	3.73	741	3-73		36	1,071	.03	43	80
93-50-0084	7862217	1366011	11-70	1	305	25,360	3.69	937	153	19,870	3.73	742	2-73		35	880	.03	36	66
93-50-0084	7946421	1458744	3-71	1	305	23,610	3.97	938	122	19,690	3.73	741	3-73		36	781	.03	32	59
93-50-0084	7965264	1538505	11-70	1	305	27,760	3.17	879	169	19,630	3.75	737	1-73		32	930	-.11	17	52
93-50-0084	7999437	1385225	11-69	2	305	23,110	3.60	831	169	19,895	3.75	746	1-73		40	803	-.02	26	54
93-50-0121	5900588	1189870	10-63	7	303	20,546	3.44	706	111	15,646	3.62	566	1-73		44	814	-.02	26	55
93-50-0121	7168282	1427381	10-68	1	305	26,000	4.07	1057	58	18,530	3.57	662	2-72		36	1,325	.10	63	107
93-50-0121	7332414	1466747	1-69	1	305	25,200	3.32	837	44	17,360	3.64	632	5-72		35	779	-.04	22	50
93-50-0121	7423757	1534171	6-69	2	305	17,920	3.90	699	39	15,860	3.76	596	3-73		30	623	.04	29	50

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	001- LARS
93-50-0121	7473756	1281479	8-69	2	305	21,905	4.27	935	51	17,545	3.63	637	3-73		40	500	.17	43	$ 56
93-50-0121	7495175	1448297	9-69	2	305	26,395	3.57	942	55	17,400	3.66	637	3-73		40	1,245	-.04	39	83
93-50-0152	7090711	1458744	2-68	3	305	18,313	3.45	631	80	14,013	3.52	493	9-72		42	867	-.02	28	59
93-50-0152	7090714	1458744	3-68	2	305	17,225	3.87	666	71	14,440	3.50	505	3-72		40	679	.03	29	52
93-50-0152	7621008	1458744	6-69	1	305	21,720	3.08	668	77	14,310	3.56	510	11-71		36	973	-.06	25	61
93-50-0177	6305939	1439119	1-65	5	302	21,744	3.47	754	46	16,320	3.58	585	3-72		35	943	-.03	30	63
93-50-0177	6846052	1456734	12-66	4	305	21,883	3.85	842	66	16,853	3.75	632	11-72		33	810	.04	36	63
93-50-0213	6162478	1410984	8-64	5	305	25,902	3.79	981	64	18,178	3.70	672	1-73		44	951	.06	43	75
93-50-0213	6494140	1450228	2-66	5	305	23,482	3.65	858	70	18,646	3.70	689	1-73		44	1,169	-.02	39	80
93-50-0213	6500727	1434497	3-65	5	304	22,638	3.70	838	68	18,400	3.71	682	11-72		32	792	.01	30	57
93-50-0213	6554622	1412041	4-66	4	305	21,380	4.08	873	57	18,015	3.70	666	3-73		30	615	.09	36	55
93-50-0213	6568879	1427043	10-65	3	305	22,213	3.63	806	70	17,400	3.77	656	12-72		29	765	-.02	25	52
93-50-0213	7216796	1467293	6-68	2	305	19,780	4.14	818	73	17,355	3.68	639	5-72		35	594	.08	33	52
93-50-0213	7282857	1515464	10-67	3	305	20,763	3.92	813	80	17,966	3.68	661	5-72		33	718	.05	33	57
93-50-0213	7337994	1515464	10-67	4	299	20,112	3.79	763	73	17,592	3.71	652	3-73		35	697	.02	28	52
93-50-0213	7547417	1502023	11-68	2	305	23,220	3.51	815	92	16,655	3.71	618	9-72		29	1,035	-.03	33	70
93-50-0213	7630117	1428104	7-70	1	305	22,480	3.73	839	117	17,020	3.77	641	9-72		36	909	-.07	22	55
93-50-0255	6991797	1330987	2-67	3	305	20,730	3.12	647	152	16,360	3.55	580	10-71		42	793	-.03	24	52
93-50-0255	6991803	1471750	10-67	3	305	24,050	3.09	743	110	16,923	3.49	590	2-72		32	1,057	-.10	23	62
93-50-0255	6991808	1422655	6-67	2	305	20,705	3.82	790	106	16,515	3.51	580	8-72		39	677	.06	33	55
93-50-0255	7360396	1422655	11-68	2	305	22,400	3.28	734	106	16,775	3.42	574	5-72		39	831	-.01	28	57
93-50-0255	7479747	1526881	8-69	1	305	23,630	3.13	740	113	17,720	3.35	593	3-72		23	785	-.05	21	50
93-50-0255	7479748	1526881	9-69	2	305	21,585	3.39	732	131	17,405	3.52	612	12-72		29	752	-.03	23	50
93-50-0255	7513263	1525356	9-69	2	298	22,220	3.48	773	153	17,400	3.52	613	11-72		33	847	.00	30	60
93-50-0255	7513269	1283917	10-69	2	293	25,990	2.99	777	138	17,885	3.45	617	1-73		40	1,075	-.15	15	56
93-50-0255	8007663	1438080	12-69	2	270	21,665	3.16	685	133	17,720	3.42	606	2-73		38	916	-.06	24	57
93-50-0307	7135069	1385225	8-68	2	305	22,665	3.78	857	73	17,555	3.83	672	6-72		40	948	.01	35	68
93-50-0324	6708621	1467291	9-66	4	305	27,152	3.40	924	66	17,475	3.64	636	3-72		37	1,508	-.04	51	107
93-50-0324	7081621	1330987	1-68	3	305	23,386	3.44	805	65	17,043	3.63	619	3-73		42	1,035	.00	36	74
93-50-0324	7171795	1330987	7-68	2	305	19,680	3.81	750	71	16,890	3.59	607	12-71		40	589	.06	31	50
93-50-0324	7451657	1357743	6-69	2	305	24,560	3.30	811	68	17,250	3.59	620	1-73		40	894	-.07	21	54
93-50-0324	7531763	1464901	11-69	2	305	22,275	3.45	768	60	17,665	3.57	631	4-73		38	1,060	-.05	31	69
93-50-0324	7531767	1458744	9-69	1	305	22,000	3.76	828	70	17,800	3.58	637	2-72		36	786	.01	30	57
93-50-0324	7540519	1427381	10-69	1	305	25,410	3.82	970	62	17,660	3.59	634	4-72		36	1,333	.06	58	103
93-50-0349	6601179	1330987	11-65	3	305	19,250	3.79	729	101	16,486	3.61	595	5-72		42	611	.07	32	52
93-50-0349	7430328	1427381	8-69	2	300	18,410	4.06	747	106	16,680	3.63	606	12-72		40	885	-.09	46	75
93-50-0349	7730692	1458744	9-70	1	305	19,100	3.82	730	79	15,850	3.56	564	4-73		36	686	.02	27	51
93-50-0354	6584272	1244009	8-64	3	305	18,736	3.14	588	28	13,670	3.45	472	2-73		42	920	-.08	20	54
93-50-0363	7184643	1242221	10-68	1	287	19,340	3.36	649	32	17,580	3.45	607	5-72		34	844	-.02	28	58
93-50-0363	7515833	1242221	4-69	1	303	19,500	3.32	648	35	17,980	3.49	627	7-72		34	832	-.02	27	56
93-50-0363	7662776	1534171	3-70	1	305	22,030	3.57	786	32	18,350	3.52	646	8-72		24	769	.02	31	57
93-50-0363	7685302	1242221	6-70	1	305	22,640	3.66	828	30	18,280	3.51	642	8-72		34	1,055	.01	40	76
93-50-0403	7737005	1366011	7-69	2	305	18,760	3.67	688	29	16,830	3.32	558	1-73		39	602	.06	31	50
93-50-0404	6526232	1244009	10-65	3	305	21,400	3.39	725	33	17,023	3.72	634	6-72		42	918	-.08	21	55
93-50-0404	6579427	1347940	6-66	4	295	22,852	3.60	822	23	17,265	3.75	647	2-72		44	1,197	-.01	41	83
93-50-0404	6732957	1347940	2-67	4	305	23,992	3.48	835	23	17,547	3.54	621	10-72		44	1,310	-.01	45	91
93-50-0404	6759252	1242221	1-67	4	298	21,723	3.75	814	59	16,570	3.66	606	8-72		42	1,289	.02	49	93
93-50-0404	6868852	1347940	2-67	4	287	19,612	3.55	697	36	15,810	3.71	586	12-72		44	941	-.01	32	65
93-50-0404	6919371	1467291	7-67	4	296	22,092	4.03	890	23	18,117	3.69	669	1-73		37	813	.09	43	69
93-50-0404	6967096	1441440	8-67	4	288	19,230	3.90	750	45	16,165	3.79	613	9-72		44	706	.05	33	56
93-50-0404	7298288	1385225	10-68	3	298	20,353	4.07	829	42	18,436	3.67	676	3-73		42	667	.07	34	56
93-50-0404	7665353	1427615	8-70	1	305	21,970	3.58	786	36	15,320	3.74	573	9-72		36	973	-.10	19	55
93-50-0404	7672278	1427381	6-70	1	305	22,830	3.77	860	34	15,210	3.71	564	9-72		36	1,287	.05	54	98
93-50-0404	7836312	1347940	3-71	1	285	24,420	3.16	772	35	17,170	3.72	639	12-72		36	1,076	-.06	30	69
93-50-0404	8015705	1427381	8-70	1	305	21,480	3.81	819	36	18,250	3.66	668	2-73		36	1,005	.06	45	79
93-50-0404	8144456	1330987	7-70	1	305	21,850	4.07	890	36	18,240	3.65	666	2-73		36	599	.09	35	54
93-50-0409	6648965	1329588	9-65	4	305	24,108	3.84	925	87	21,638	3.60	779	7-72		44	665	.03	29	51
93-50-0409	6750821	010291309	12-66	3	305	27,193	3.76	1022	107	22,396	3.66	819	8-72		38	914	.02	36	67
93-50-0409	6926321	1244009	10-67	3	305	25,326	3.69	934	91	22,703	3.62	822	5-72		42	847	-.02	28	58
93-50-0409	7046470	1503888	3-68	3	305	27,770	3.03	842	109	22,236	3.73	830	1-73		32	1,047	-.15	14	54
93-50-0409	7155623	1347940	8-68	3	305	29,566	3.24	958	112	23,053	3.73	859	3-73		42	1,395	-.09	35	86
93-50-0409	7184627	1242221	9-68	2	305	25,590	3.54	907	126	22,690	3.71	842	2-72		38	1,092	-.02	36	75
93-50-0409	7380282	1427615	7-69	2	305	28,530	3.53	1006	135	23,775	3.74	889	2-73		40	1,108	-.11	22	63
93-50-0409	7441270	1347940	9-69	1	298	26,340	3.83	1009	120	23,450	3.72	873	4-72		36	845	.02	34	63
93-50-0409	7581040	1545745	4-70	1	297	29,220	3.05	892	115	22,300	3.76	838	7-72		24	1,004	-.10	20	58
93-50-0409	7581041	1244009	11-69	1	305	30,570	3.63	1111	123	23,430	3.71	870	3-72		36	1,058	-.04	32	70
93-50-0409	7581042	1503888	3-70	2	294	27,595	3.51	969	112	23,760	3.72	885	3-73		29	773	-.02	24	52
93-50-0409	7581044	1427381	2-70	1	305	26,770	3.48	931	117	23,000	3.73	859	5-72		36	1,116	.01	42	81
93-50-0409	7581046	1427615	3-70	1	297	28,460	3.66	1041	127	22,790	3.74	852	6-72		36	1,011	-.10	21	59
93-50-0409	7721651	1441440	9-70	1	305	30,020	4.08	1226	145	23,870	3.75	896	1-73		36	922	.08	46	76
93-50-0409	7722661	1545745	9-70	1	305	26,460	3.71	982	121	23,140	3.75	868	11-72		24	698	.01	26	50
93-50-0421	7083512	1468358	12-67	3	305	22,556	3.20	722	43	17,333	3.53	612	4-72		41	922	-.08	21	55
93-50-0421	7443594	1466757	5-69	2	305	19,945	3.57	713	34	16,710	3.56	595	11-72		38	776	-.01	26	53
93-50-0421	7718131	1535414	7-70	1	305	23,970	3.42	819	27	16,860	3.61	609	11-72		26	924	-.04	27	60
93-50-0421	7905977	1535414	4-71	1	305	24,050	3.42	822	19	18,100	3.51	636	4-73		26	845	-.03	26	56
93-50-0487	7169728	1387978	6-68	2	304	19,135	3.50	670	33	15,450	3.76	581	1-73		40	785	-.03	24	52
93-50-0521	7210685	1498075	10-68	2	305	19,840	3.84	762	18	14,740	3.82	563	4-73		29	701	.01	26	50
93-50-0546	6577453	1242221	5-66	3	305	20,233	3.11	630	23	15,830	3.56	563	1-72		41	1,148	-.07	30	72
93-50-0546	7285105	1347940	11-68	2	305	18,895	3.50	661	48	14,555	3.60	524	12-72		40	907	-.01	31	63
93-50-0546	7798045	1534171	8-70	1	305	21,050	3.87	814	30	14,060	3.64	512	10-72		24	987	.05	43	76
93-50-0546	7806843	1534171	9-70	1	305	20,670	4.25	878	27	14,580	3.54	516	3-73		24	917	.10	48	78
93-50-0567	5641845	1367955	7-62	4	295	19,523	4.18	816	10	14,848	3.83	569	1-73		30	718	.09	39	62
93-50-0567	7059612	1416897	11-67	2	305	21,975	4.13	907	12	16,960	3.84	651	1-72		40	800	.05	36	63
93-50-0599	6158726	1294703	6-64	3	305	23,073	3.27	754	100	18,350	3.57	655	2-72		42	994	-.08	23	60
93-50-0599	7208520	1496424	6-68	3	301	22,796	3.96	903	96	18,020	3.69	665	11-72		35	933	.07	45	76

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
93-50-0599	7306104	1315612	6-68	2	305	26,145	3.39	887	67	18,865	3.62	682	9-72		40	778	-.03	24	$ 52
93-50-0599	7372366	1496354	3-69	1	305	25,820	3.54	913	102	18,830	3.54	667	12-71		23	838	-.01	29	58
93-50-0599	7405134	1427381	4-69	2	301	22,475	3.73	838	106	18,975	3.56	675	2-73		40	1,111	.06	49	86
93-50-0599	7405135	1427381	4-69	1	305	22,540	3.78	851	106	18,870	3.53	666	12-71		36	1,047	.07	48	83
93-50-0599	7405137	1427381	5-69	2	305	25,425	3.69	938	91	18,890	3.55	670	3-73		40	1,417	.06	60	108
93-50-0599	7541766	1427381	9-69	1	305	25,220	3.59	906	54	19,180	3.48	667	3-72		36	1,228	.05	52	94
93-50-0599	7698845	1489981	5-70	1	305	22,920	3.95	905	87	19,030	3.65	694	12-72		35	500	.13	37	51
93-50-0599	7769274	1458744	7-70	1	305	23,270	3.33	775	116	19,140	3.62	692	1-73		36	800	-.04	22	51
93-50-0605	6442922	1414609	12-65	3	300	20,877	4.03	842	26	15,607	3.75	586	10-72		32	880	.07	43	72
93-50-0605	6477722	1244009	11-65	6	299	20,036	3.69	739	55	17,006	3.66	623	3-73		44	799	-.02	25	53
93-50-0647	6856780	1478014	7-67	4	296	19,638	3.69	725	72	15,763	3.85	607	2-73		43	744	.01	29	55
93-50-0647	7105659	1471445	6-68	2	305	20,555	3.78	777	33	15,435	3.84	593	7-72		40	693	.03	30	53
93-50-0667	6273234	1427381	1-65	5	300	18,726	3.64	681	35	13,884	3.51	487	9-72		44	1,227	.05	52	93
93-50-0667	6517651	1427381	7-65	5	303	15,034	3.59	540	37	13,434	3.51	472	1-73		44	797	.04	35	62
93-50-0667	6880522	1427381	8-65	6	303	16,188	3.45	558	26	14,198	3.48	494	4-73		44	867	.02	35	65
93-50-0667	7064400	1481962	2-68	4	252	20,340	3.84	781	35	16,012	3.66	586	5-72		38	948	.05	42	74
93-50-0667	7163118	1481962	9-67	4	297	17,535	3.38	593	30	13,465	3.51	473	1-73		38	845	-.01	29	59
93-50-0667	7788412	1427381	7-69	1	305	20,120	3.42	688	53	15,500	3.48	539	3-73		36	1,068	.03	43	79
93-50-0667	7803466	1527030	3-70	1	305	23,730	3.36	797	42	14,880	3.49	520	3-73		23	960	-.03	30	64
93-50-0671	6107235	1427381	6-64	6	305	22,811	3.25	741	25	17,700	3.64	644	9-72		44	1,360	-.04	43	91
93-50-0671	7442249	1427381	8-69	2	305	18,615	4.18	779	13	16,950	3.71	628	1-73		40	884	.10	47	75
93-50-0671	7813193	1534171	9-70	1	284	20,750	4.04	839	14	17,260	3.60	622	1-73	B	24	733	.07	37	61
93-50-0674	7249619	1458744	9-68	1	305	22,760	3.66	832	17	15,290	3.94	602	10-72		36	992	-.02	32	67
93-50-0674	7686046	1438535	4-69	1	305	22,340	3.62	808	18	17,090	3.66	625	2-72		35	761	.03	32	58
93-50-0677	6108040	1295523	5-64	4	305	20,145	3.88	782	14	16,880	3.80	641	5-72		43	676	.02	28	51
93-50-0677	7628074	1427381	12-69	1	305	20,530	3.65	749	17	18,240	3.87	706	5-72		36	935	.03	38	70
93-50-0682	7591504	1481962	1-70	1	146	24,230	3.27	793	54	18,050	3.66	661	4-72	B	29	943	-.03	29	63
93-50-0682	7688309	1299222	5-70	1	305	20,150	4.20	846	54	17,530	3.70	648	6-72		35	730	.02	30	55
93-50-0699	7101323	1242221	6-68	3	295	18,093	3.38	611	20	15,280	3.66	559	1-73		41	947	-.04	28	62
93-50-0735	5503346	1320002	10-61	4	305	21,853	3.49	763	10	16,695	3.67	613	8-72		35	902	-.03	28	60
93-50-0775	6854386	1427381	8-67	3	252	21,640	3.61	782	32	19,620	3.78	741	6-72		42	992	.02	39	73
93-50-0775	7083398	1427381	5-68	1	305	20,610	3.74	771	22	17,700	3.59	635	12-71		36	973	.06	44	76
93-50-0775	7126656	1427381	9-68	3	238	24,766	3.76	932	36	19,973	3.72	742	10-72		42	1,319	.05	56	101
93-50-0775	7316206	1481962	5-69	2	305	20,325	3.39	690	20	16,840	3.76	633	7-72		34	787	-.03	24	52
93-50-0775	7936632	1366011	5-70	1	305	21,250	3.73	793	27	16,330	3.64	594	11-72		35	782	.04	34	60
93-50-0801	7066301	1481962	12-67	3	211	19,776	3.37	666	27	15,550	3.61	562	7-72	B	37	893	-.03	28	60
93-50-0807	6716340	1435307	7-66	4	301	20,063	2.95	591	35	14,508	3.54	514	3-73		35	1,034	-.12	19	58
93-50-0807	7063883	1339836	2-68	3	305	23,477	3.39	796	44	14,633	3.55	520	12-72		41	1,126	-.06	31	72
93-50-0807	7544211	1392858	2-70	1	305	22,200	3.49	774	24	14,170	3.43	486	7-72		36	774	.03	32	58
93-50-0807	7544212	1392858	2-70	1	305	23,810	3.33	792	23	14,770	3.43	507	8-72		36	858	.01	32	62
93-50-0812	6558418	1271075	1-66	1	305	21,590	3.86	834	103	15,010	3.80	570	12-72		35	938	.01	36	68
93-50-9109	5299188	1341571	2-61	6	305	21,225	4.08	865	54	16,126	3.67	592	6-72		38	877	.15	55	82
93-50-9109	5594073	1341571	3-62	5	305	22,754	4.27	972	39	16,386	3.66	600	11-71		38	1,068	.19	69	101
93-50-9109	5845129	1341571	2-63	6	305	19,945	3.89	775	34	15,311	3.70	567	8-71		38	787	.10	44	69
93-50-9109	6326141	1341571	1-65	4	305	21,062	3.56	750	57	16,155	3.66	591	8-72		37	818	.06	38	65
93-50-9109	6614663	1341571	7-66	5	305	21,418	3.03	650	62	17,130	3.60	616	3-73		38	790	-.05	21	50
93-50-9109	6629963	1407295	8-66	2	305	21,960	3.78	831	65	17,255	3.71	641	4-72		30	678	.02	27	50
93-50-9109	6714344	1466747	11-66	5	298	21,954	3.33	732	56	16,928	3.63	614	4-73		44	843	-.05	22	53
93-50-9109	6885298	1412933	9-67	2	305	23,380	3.23	755	94	16,595	3.73	619	6-72		32	860	-.07	20	52
93-50-9109	6885302	1473790	9-67	3	305	22,743	3.26	741	81	16,903	3.71	627	7-72		34	1,001	-.07	25	62
93-50-9109	6945555	1354967	1-68	3	305	22,633	3.80	859	75	17,070	3.70	631	6-72		37	650	.06	32	53
93-50-9109	7242497	1492329	11-68	2	305	25,855	3.19	826	75	17,285	3.62	625	4-72		25	1,152	-.09	28	70
93-50-9109	7339770	1242221	1-69	2	305	21,240	3.81	810	107	18,165	3.68	669	10-72		38	1,016	.02	40	75
93-50-9109	7668501	1341571	8-70	1	305	22,090	4.05	895	91	16,400	3.63	596	10-72		28	627	.13	42	61
93-50-9109	7702052	1330987	9-70	1	305	23,260	3.59	834	96	17,880	3.45	617	3-73		36	725	.05	33	57
93-50-9149	5821521	1383926	12-62	6	305	25,311	3.71	939	40	16,350	3.76	614	11-72		44	1,369	.03	54	101
93-50-9149	6041121	1330987	9-63	5	305	20,156	4.43	892	38	17,440	3.58	624	3-73		44	664	.18	51	70
93-50-9149	7069913	1427381	3-68	3	305	18,756	3.98	747	54	16,980	3.72	631	1-73		42	903	.08	45	74
93-50-9149	7102264	1427381	5-68	2	305	20,200	3.98	803	42	16,270	3.66	669	1-72		40	937	.08	46	77
93-50-9149	7188380	1481962	10-68	2	305	19,835	3.74	741	57	16,435	3.68	604	6-72		34	768	.03	32	58
93-50-9149	7211397	1427381	1-69	2	305	18,370	3.98	732	64	16,625	3.71	616	10-72		40	885	.07	43	72
93-50-9149	7272874	1413165	9-68	2	209	24,705	2.99	738	58	17,365	3.73	647	6-72		40	1,118	-.19	11	55
93-50-9149	7382115	1458744	4-69	2	305	22,010	3.39	747	59	16,610	3.74	622	12-72		40	988	-.05	28	64
93-50-9149	7692529	1458744	8-70	1	305	25,730	3.27	841	35	16,600	3.73	620	3-73		36	1,135	-.06	32	73
93-50-9162	5694638	1341571	9-62	5	305	19,144	3.59	687	19	15,276	3.64	556	10-72		38	676	.06	33	55
93-50-9162	5852554	1386287	6-63	7	305	20,624	3.48	717	22	16,430	3.58	588	3-73		41	794	-.04	23	52
93-50-9165	5971945	1340669	7-63	5	305	24,462	3.70	906	37	20,350	3.80	773	7-72		44	875	-.06	22	54
93-50-9165	6107217	1276654	4-64	5	305	25,342	3.79	961	42	22,426	3.66	820	3-73		44	691	.03	30	53
93-50-9165	6196519	1427381	12-64	2	305	25,005	3.53	882	39	20,660	3.58	740	6-72		40	1,231	.03	49	91
93-50-9165	6272796	1148993	10-64	5	305	23,346	3.95	923	37	20,808	3.76	782	7-72		43	671	.06	34	56
93-50-9165	6538625	1427381	3-66	4	305	26,087	3.78	986	40	21,010	3.65	766	11-71		44	1,415	.06	61	109
93-50-9165	6538626	1427381	4-66	5	305	22,724	3.81	866	41	21,162	3.66	775	11-72		44	991	.07	46	79
93-50-9165	6625302	1427381	7-66	5	305	25,288	3.84	970	38	21,432	3.64	781	2-73		44	1,294	.08	59	102
93-50-9165	6660571	1427381	9-66	4	305	24,585	4.19	1030	35	22,455	3.66	821	3-73		44	1,086	.14	61	95
93-50-9165	6660573	1427381	10-66	4	305	24,492	4.03	988	35	22,195	3.67	814	1-73		44	1,101	.11	57	93
93-50-9165	6689317	1427381	12-66	4	305	26,830	3.82	1025	39	21,315	3.72	792	10-72		44	1,476	.07	64	114
93-50-9165	6761511	1427381	3-67	4	305	27,127	3.55	964	35	22,400	3.65	818	2-73		44	1,406	.02	54	102
93-50-9165	6887781	1480174	8-67	3	305	23,690	4.04	957	47	22,016	3.72	818	12-71		33	562	.10	35	52
93-50-9165	6979521	1427381	2-68	3	305	26,730	3.64	972	41	21,413	3.75	804	9-72		42	1,412	.03	55	104
93-50-9165	7083399	1427381	5-68	2	305	24,525	3.72	912	44	22,390	3.68	831	2-72		40	1,025	.05	44	79
93-50-9165	7110007	1427381	7-68	2	305	31,110	3.31	1029	44	22,355	3.68	822	2-72		40	1,713	-.03	57	117
93-50-9165	7126655	1427381	8-68	2	305	26,950	3.60	971	45	22,505	3.67	826	1-72		40	1,278	.03	51	95
93-50-9165	7260856	1427381	12-68	2	305	25,920	3.89	1007	38	22,605	3.67	829	3-72		40	1,166	.08	54	93
93-50-9165	7260857	1427381	12-68	2	305	27,825	3.85	1072	38	22,100	3.73	825	7-72		40	1,400	.07	61	108
93-50-9165	7260858	1427381	3-69	2	305	26,325	3.59	946	36	21,860	3.72	813	6-72		40	1,267	.02	49	93

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
93-50-9165	7292034	1427381	10-68	2	305	24,810	3.66	907	35	22,055	3.66	808	10-72	40	1,098	.04	46	$ 83
93-50-9165	7316197	1503125	4-69	2	305	26,980	3.49	942	37	22,250	3.72	828	5-72	31	1,015	-.07	26	63
93-50-9165	7316199	1427381	4-69	2	305	27,370	3.71	1016	32	23,190	3.63	841	2-73	40	1,265	.05	54	97
93-50-9165	7370146	1427381	8-69	1	305	26,260	3.77	991	36	21,420	3.68	788	8-71	36	1,172	.06	51	90
93-50-9165	7380248	1491142	9-69	2	305	28,305	3.53	1000	33	22,900	3.68	842	2-73	33	901	-.04	26	50
93-50-9165	7380250	1399824	9-69	2	305	25,570	3.37	862	46	22,625	3.67	830	10-72	40	777	-.03	24	52
93-50-9165	7443392	1427381	12-69	1	305	26,550	3.34	888	36	22,800	3.54	806	3-72	36	1,112	.01	42	80
93-50-9165	7528041	1427381	7-69	2	305	23,695	3.77	894	20	19,755	3.72	735	12-72	40	1,171	.05	50	90
93-50-9165	7568151	1392858	11-69	2	305	29,085	3.33	968	32	23,730	3.59	851	3-73	40	900	-.02	29	61
93-50-9165	7633138	1464901	8-70	1	305	26,650	3.87	1031	42	22,280	3.69	822	9-72	34	1,005	.00	36	71
93-50-9165	7656493	1458744	9-70	1	305	25,640	3.53	904	34	22,420	3.67	823	11-72	36	701	-.03	24	52
93-50-9165	7693045	1458744	9-70	1	305	28,170	3.19	900	20	23,880	3.65	872	3-73	36	803	-.07	21	43
93-50-9165	7699934	1564216	11-70	1	305	30,280	3.21	973	34	22,970	3.67	843	12-72	19	853	-.08	19	51
93-50-9165	7755405	1427381	11-69	2	305	26,890	3.40	915	26	23,425	3.59	840	4-73	40	1,198	.01	44	86
93-50-9165	7789308	1355784	3-71	1	305	30,240	3.25	984	18	23,890	3.66	875	4-73	35	1,102	-.12	20	62
93-50-9165	8148233	1427381	7-70	1	305	25,510	3.65	930	39	21,990	3.66	805	8-72	36	1,082	.04	45	82
93-50-9228	6832155	1435117	11-66	5	304	22,380	3.40	762	165	18,142	3.63	659	3-73	36	823	-.04	23	53
93-50-9228	7305315	1459453	11-67	3	305	22,226	4.08	907	205	18,216	3.67	668	3-72	33	812	.07	40	67
93-50-9228	7305317	1459453	4-68	2	305	25,965	3.38	878	186	18,395	3.71	683	3-73	30	1,178	-.07	32	75
93-50-9228	7305318	1459453	4-68	3	305	22,333	3.61	806	194	17,516	3.71	650	7-72	33	901	-.02	29	61
93-50-9258	5784332	1237822	4-62	4	305	23,148	3.38	783	147	18,128	3.62	656	8-72	35	846	-.05	23	54
93-50-9258	5788380	1399607	9-62	7	301	28,067	3.44	965	134	17,046	3.60	613	5-72	44	1,529	-.03	50	104
93-50-9258	5788394	1382958	11-62	6	304	24,928	3.47	864	142	17,561	3.61	634	10-72	43	872	-.03	26	57
93-50-9258	6481676	1304593	11-64	6	303	22,798	4.02	916	172	18,655	3.65	680	1-73	36	625	.10	38	57
93-50-9258	6490259	1240549	6-65	5	305	25,318	3.47	878	131	18,934	3.67	694	12-72	44	939	-.02	31	64
93-50-9258	6491210	1242221	3-65	5	305	24,366	3.37	822	170	18,288	3.64	666	2-72	43	1,402	-.05	45	98
93-50-9258	6524809	1222994	4-65	6	305	24,963	3.53	880	162	18,850	3.65	688	1-73	44	1,144	-.01	39	79
93-50-9258	6527287	1399607	2-66	5	304	23,616	3.54	836	144	18,314	3.63	665	6-72	44	824	-.01	28	57
93-50-9258	6527295	1240549	1-66	4	305	22,748	3.97	904	147	18,920	3.67	694	12-72	44	583	.08	33	51
93-50-9258	6527296	1240549	1-66	5	305	23,200	3.84	890	134	18,696	3.66	684	12-72	44	690	.05	33	56
93-50-9258	6582058	1271810	3-66	5	305	22,592	3.48	786	163	18,832	3.64	686	3-73	44	867	-.06	22	54
93-50-9258	6774565	1240549	11-66	4	305	23,970	3.63	869	137	18,808	3.70	695	10-72	44	745	.01	28	54
93-50-9258	6774567	1240549	11-66	4	303	24,358	3.80	925	135	18,878	3.69	696	11-72	44	706	.04	35	61
93-50-9258	6774573	1406271	7-66	4	305	20,605	3.76	775	152	18,620	3.64	678	6-72	44	697	.06	34	57
93-50-9258	6782801	1399607	5-66	4	305	24,903	3.51	873	155	18,270	3.66	668	2-72	44	955	-.02	31	65
93-50-9258	6837525	1240549	2-67	4	302	23,803	3.64	866	150	19,068	3.68	701	12-72	44	698	.01	27	51
93-50-9258	6853862	1317224	12-66	4	305	24,635	3.30	812	145	18,703	3.64	681	5-72	39	838	-.06	21	52
93-50-9258	6903941	1333969	8-67	4	305	24,328	3.72	906	158	19,288	3.64	703	3-73	42	646	.07	34	55
93-50-9258	6995295	1347940	9-67	2	305	23,420	3.64	852	150	19,220	3.71	713	1-72	40	987	.00	38	69
93-50-9258	7016404	1399607	10-67	2	305	23,190	4.11	954	143	18,640	3.66	682	6-72	40	592	.08	33	52
93-50-9258	7016408	1492795	10-67	3	304	22,786	3.66	834	152	18,886	3.64	688	7-72	33	761	.00	28	54
93-50-9258	7116363	1282185	11-67	3	305	23,513	3.99	937	153	19,393	3.69	716	12-72	42	615	.05	30	50
93-50-9258	7123030	1347940	2-68	2	305	24,050	3.57	859	163	19,035	3.69	703	3-72	40	1,066	-.01	37	74
93-50-9258	7338217	1347940	9-68	2	305	28,545	3.64	1040	154	19,730	3.63	716	12-72	40	1,466	.01	54	105
93-50-9258	7338218	1347940	12-68	2	305	22,555	3.88	875	163	19,715	3.64	718	11-72	40	859	.04	37	66
93-50-9258	7338229	1399824	12-68	2	305	27,530	3.61	995	166	18,945	3.62	686	8-72	40	1,274	.02	49	93
93-50-9258	7370589	1236789	6-69	1	305	27,060	3.13	848	146	20,140	3.65	735	1-72	35	920	-.06	24	50
93-50-9258	7477807	1347940	9-69	1	305	21,500	3.47	746	173	18,830	3.63	683	6-72	36	759	-.01	25	52
93-50-9258	7538327	1347940	10-69	1	305	23,020	3.51	808	169	18,890	3.62	684	7-72	36	869	-.01	30	60
93-50-9258	7615523	1492793	12-67	2	305	24,720	3.71	916	165	19,230	3.72	715	12-71	30	887	.01	33	64
93-50-9258	7666601	1406271	4-70	1	305	24,120	3.56	859	151	20,550	3.66	753	12-72	36	753	.03	31	57
93-50-9258	7666604	1406271	5-70	1	305	24,000	3.43	823	163	20,620	3.64	750	1-73	36	739	.02	29	54
93-50-9258	7778421	1406271	8-70	1	305	24,460	3.65	893	115	20,480	3.59	736	3-73	36	782	.04	35	61
93-50-9396	6600973	1458744	4-66	2	300	21,535	3.83	825	14	17,805	3.93	700	10-71	40	843	.09	30	59
93-50-9396	6666415	1458744	8-66	3	298	20,103	3.65	733	17	17,556	3.67	645	6-72	42	747	-.01	26	52
93-50-9396	6970755	1488500	7-67	4	305	23,390	3.59	840	14	18,287	3.75	686	3-73	37	1,123	-.03	35	75
93-50-9396	7670065	1427381	9-69	1	305	20,580	3.80	782	19	17,800	3.89	693	8-72	36	965	.04	41	74
93-50-9396	7623794	1458744	2-70	1	305	21,960	3.59	788	18	18,160	3.86	701	7-72	36	761	-.03	23	50
93-51-9015	7121263	1347940	6-68	2	305	16,940	3.57	605	53	14,355	3.60	517	2-72	40	725	.00	26	51
93-51-9015	7349906	1347940	5-69	1	305	18,200	3.74	680	51	14,560	3.55	517	1-72	36	768	.02	30	56
93-52-0094	6616401	1466747	7-66	3	305	19,873	4.17	828	8	16,573	3.58	593	11-71	42	562	.08	33	51
93-52-0094	6903454	1341571	8-67	3	305	21,103	3.43	723	7	16,360	3.66	599	2-72	36	760	.03	32	58
93-54-0040	6224455	1199324	9-64	3	305	21,983	3.34	734	259	19,297	3.56	687	2-72	42	854	-.05	23	54
93-54-0040	6740247	1242221	9-66	4	304	21,470	3.64	781	198	18,685	3.63	679	7-72	42	1,042	.00	38	74
93-54-0040	6883097	1347940	7-67	3	234	20,940	4.01	839	99	18,370	3.70	680	2-73	42	834	.05	38	66
93-54-0040	7148960	1427381	9-68	2	236	24,575	3.60	884	158	19,280	3.67	708	1-73	40	1,299	.03	51	96
93-54-0040	7237126	1413165	3-67	4	305	25,305	3.43	868	221	19,353	3.61	699	2-73	44	1,151	-.11	24	67
93-54-0040	7312382	1483048	5-69	2	305	20,330	4.16	845	113	18,040	3.53	636	3-73	34	602	.09	35	54
93-54-0040	7347126	1314165	7-67	4	305	26,128	3.33	871	232	19,325	3.65	705	1-73	30	1,177	-.07	31	74
93-54-0040	7360790	1347940	4-69	1	305	22,240	3.47	771	253	18,800	3.68	691	8-71	36	816	-.02	27	56
93-54-0040	7370488	1427615	1-69	2	305	22,960	3.42	785	269	18,935	3.66	693	9-72	40	935	-.12	15	51
93-54-0040	7470388	1427381	4-69	2	305	22,225	3.68	818	163	17,420	3.67	640	10-72	40	1,212	.04	50	91
93-54-0040	7537863	1383004	8-68	3	305	26,217	3.48	913	259	19,877	3.64	723	1-73	42	803	.07	39	65
93-54-0040	7537864	1427615	1-69	2	305	22,550	3.69	832	233	19,175	3.60	691	7-72	40	874	-.07	20	52
93-54-0040	7537865	1239242	3-69	2	305	26,785	3.44	922	239	19,570	3.63	710	10-72	40	984	-.03	30	65
93-54-0040	7633433	1392858	9-68	3	305	27,206	3.54	962	277	20,100	3.60	723	1-73	42	1,109	.01	42	80
93-54-0040	7728356	1303502	2-69	3	305	26,560	3.23	858	269	20,180	3.59	725	2-73	42	939	-.06	24	58
93-54-0040	7753253	1458744	9-70	1	304	24,380	3.57	870	267	20,720	3.64	755	12-72	36	789	-.02	26	54
93-54-0040	7862878	1308101	7-71	1	300	26,390	3.77	995	267	20,350	3.65	742	11-72	36	1,148	.00	41	81
93-54-0040	7915315	1438080	9-69	1	305	25,590	3.47	887	277	20,780	3.65	759	1-73	34	934	-.03	29	62
93-54-0040	8076028	1347940	4-70	1	305	23,660	3.74	885	269	20,820	3.65	759	1-73	36	802	.01	31	59
93-54-0040	8077918	1428104	7-70	1	305	28,180	3.50	987	267	19,080	3.63	693	9-72	36	1,211	-.09	30	74
93-54-0040	8090909	1428104	5-70	1	305	26,500	3.54	938	198	20,740	3.65	756	3-73	36	987	-.08	23	59
93-54-0040	8121200	1392858	6-70	1	292	24,970	3.56	889	256	18,690	3.62	676	8-72	36	711	.02	29	53
93-54-0040	8167993	1427615	9-70	1	305	25,860	3.40	879	263	20,670	3.65	754	12-72	36	944	-.12	15	51

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
93-54-0065	5327550	1325598	7-60	5	305	24,666	3.47	856	25	16,360	3.47	568	5-72		34	1,484	-.01	51	$103
93-54-0065	6879507	1357743	8-67	3	305	23,317	3.55	827	29	17,913	3.56	638	2-73		42	792	-.03	24	52
93-54-0065	7248678	1438535	12-68	2	302	19,260	4.27	822	36	17,430	3.59	626	7-72		40	552	.12	38	54
93-54-0065	7423437	1524417	9-69	2	305	28,375	3.28	931	34	17,905	3.61	647	11-72		25	1,408	-.07	39	90
93-54-0066	7287981	1522330	9-68	2	305	21,965	3.38	742	22	15,995	3.55	568	7-72		32	967	-.04	29	64
93-54-0066	7664520	1399824	7-70	1	305	23,710	3.77	893	38	17,890	3.76	673	3-73		36	818	.03	34	62
93-54-0081	6106785	1430940	5-64	1	305	23,400	3.39	793	31	18,030	3.54	638	2-73		23	815	-.03	24	53
93-54-0081	6190462	1430940	8-64	1	305	24,320	3.61	879	31	18,030	3.54	638	2-73		23	899	.00	32	63
93-54-0081	6190463	1430940	10-64	2	305	22,835	3.46	790	15	19,660	3.48	684	11-72		29	753	-.02	24	51
93-54-0081	6190464	1430940	10-64	2	305	24,535	3.77	924	23	19,620	3.43	673	2-73		29	963	.04	41	74
93-54-0081	6525876	1430940	9-64	1	305	23,840	3.38	805	19	17,500	3.52	616	10-72		23	894	-.03	27	59
93-54-0088	5040048	1199324	6-62	2	305	20,165	3.59	724	27	15,265	3.73	570	12-72		40	962	-.02	31	65
93-54-0088	7554495	1458744	9-69	1	305	23,480	3.75	881	23	15,450	3.63	561	3-72		36	1,036	.00	38	74
93-54-0088	7817579	1458744	1-70	1	305	24,050	3.82	919	26	16,030	3.61	578	12-71		36	1,044	.02	40	76
93-54-0088	7936792	1417208	1-70	1	305	19,110	4.01	767	21	14,760	3.83	566	9-72		36	678	.03	29	52
93-54-0094	6079598	1237057	1-64	4	305	22,015	3.52	776	55	16,655	3.73	621	1-73		44	897	-.06	23	56
93-54-0094	6085548	1432424	4-64	2	305	25,170	3.47	874	67	17,130	3.75	643	3-72		30	1,122	-.05	33	73
93-54-0094	6364054	1242221	2-65	4	305	22,690	3.52	798	51	16,143	3.74	604	1-72		42	1,455	-.03	48	99
93-54-0094	6544776	1450558	1-66	5	300	19,788	3.81	753	67	15,872	3.77	599	10-72		32	661	.02	27	50
93-54-0094	6561872	1391977	1-66	4	305	23,310	3.68	857	54	16,177	3.81	617	11-72		44	876	-.02	29	60
93-54-0094	7418062	1385225	7-69	1	305	23,700	3.76	892	68	17,260	3.68	636	12-71		35	917	.01	35	67
93-54-0094	7590458	1538505	11-70	1	305	23,000	3.81	876	80	16,720	3.73	624	6-72		32	736	-.02	24	50
93-54-0116	7362031	1385225	1-69	2	305	20,545	3.92	806	44	16,875	3.83	647	7-72		40	788	.02	32	59
93-54-0116	7362034	1505428	12-68	2	305	23,860	3.69	881	39	16,780	3.88	651	8-72		29	1,101	-.03	35	74
93-54-0116	7362035	1505428	12-68	2	305	23,810	3.48	829	46	17,270	3.83	662	4-72		29	1,048	-.06	28	66
93-54-0116	7372859	1385225	4-69	2	305	20,805	3.64	758	47	16,805	3.96	666	2-73		40	820	-.03	25	54
93-54-0116	7372861	1385225	4-69	1	292	21,800	3.86	841	33	16,990	3.71	630	8-72		35	790	.02	31	58
93-54-0116	7425530	1385225	6-69	2	305	20,560	3.75	770	37	16,185	4.01	649	3-73		40	845	-.02	28	58
93-54-0116	7425531	1385225	7-69	2	305	21,160	3.92	829	40	16,670	3.92	653	3-73		40	867	.01	33	63
93-54-0116	7526097	1385225	1-70	2	283	19,685	3.90	767	49	17,080	3.85	657	2-73		40	683	.02	27	50
93-54-0182	5883647	1398216	6-63	1	305	24,640	3.80	937	47	20,830	3.39	706	3-72		36	732	.00	26	52
93-54-0182	7229951	1479233	9-68	2	301	24,180	3.42	828	47	18,710	3.46	647	6-72		29	843	-.01	28	58
93-54-0182	7653923	1447414	7-69	1	305	24,380	3.46	844	58	20,540	3.42	702	4-72		36	981	-.03	31	66
93-54-0217	7714376	1458744	8-70	1	305	24,570	3.46	851	98	18,550	3.61	670	1-73		36	932	-.03	29	62
93-54-0264	7893231	1428104	7-69	1	305	21,680	4.01	869	82	17,930	3.90	699	7-72		36	795	-.05	21	50
93-54-0265	7112723	1437633	9-66	4	301	20,425	3.47	709	9	17,665	3.57	631	4-72		41	852	-.04	24	55
93-54-0307	6950089	1460684	6-67	1	305	23,520	4.57	1074	14	18,100	4.07	737	9-71		24	617	.08	34	54
93-54-0378	7451726	1385225	6-69	1	291	20,930	3.84	804	22	16,160	3.82	618	7-72		35	775	.01	29	56
93-54-0378	7451727	1511437	8-69	1	305	23,500	4.14	973	30	16,060	3.85	618	9-72		19	734	.06	36	60
93-54-0378	7598634	1385225	12-69	1	305	20,250	3.69	748	27	16,030	3.87	621	9-72		35	731	-.01	25	51
93-54-0384	6333030	1427381	6-65	2	300	21,490	3.45	741	31	17,685	3.59	635	6-72		40	1,116	.02	43	81
93-54-0384	7274454	1438535	12-68	3	234	20,006	3.46	692	36	16,180	3.60	582	3-73		42	780	.01	29	56
93-54-0384	7664307	1507388	9-69	1	305	18,720	3.91	732	22	14,950	3.74	559	11-72		26	639	.06	32	53
93-54-9016	6381259	1335861	1-65	4	305	24,045	3.45	830	41	17,360	3.47	602	10-72		30	1,100	-.02	37	76
93-54-9016	6510597	1441440	12-65	3	304	23,036	3.73	860	48	16,193	3.61	584	1-72		42	1,119	.04	47	85
93-54-9016	6851354	1308796	3-67	4	305	23,020	3.79	872	39	16,710	3.54	591	10-72		44	881	.01	33	63
93-54-9016	7339323	1416897	7-68	3	292	21,693	3.55	770	38	16,606	3.71	616	1-73		42	871	-.03	27	58
93-54-9016	7435692	1447414	9-69	1	305	22,480	3.66	823	67	18,110	3.69	668	9-72		36	984	-.03	31	66
93-54-9016	7453157	1416897	8-68	2	305	25,245	3.45	871	41	17,465	3.65	638	12-71		40	1,092	-.04	33	72
93-54-9016	7455033	1522634	11-68	2	305	22,765	3.24	737	47	17,810	3.55	632	5-72		31	1,191	-.12	24	69
93-54-9016	7455034	1522634	11-68	2	305	22,720	3.26	740	51	17,865	3.59	642	7-72		31	1,181	-.12	23	67
93-54-9016	7455040	1522634	12-68	2	305	21,095	3.30	697	56	18,050	3.63	656	8-72		31	973	-.12	17	54
93-54-9016	7455046	1522634	12-68	2	297	21,650	3.12	675	48	18,055	3.62	654	7-72		31	1,038	-.15	14	54
93-54-9021	7356446	1468358	7-69	1	305	24,250	3.42	829	15	17,410	3.85	670	11-71		35	840	-.06	21	52
93-54-9021	7471754	1438535	11-69	2	305	20,850	3.58	746	14	17,300	3.97	687	3-73		40	725	-.01	25	50
93-54-9021	7471759	1385225	9-69	1	305	25,860	3.63	939	17	17,480	3.88	679	2-72		35	1,067	-.02	36	74
93-54-9021	7683983	1438535	11-70	1	305	24,740	3.56	881	8	16,080	4.09	658	4-73		35	1,004	.00	36	71
93-54-9038	7140191	1383311	12-67	2	305	30,515	2.92	892	53	20,260	3.42	692	1-72		40	1,235	-.12	26	72
93-54-9038	7149508	1282936	1-68	3	305	26,690	3.56	951	45	20,257	3.43	695	1-73		42	1,011	.01	38	73
93-54-9038	7417858	1515512	2-69	2	303	23,670	3.39	802	48	18,675	3.50	653	6-72		29	821	-.03	25	54
93-54-9038	7434388	1515512	7-69	1	305	26,260	3.36	883	45	20,680	3.35	692	12-71		23	743	-.02	24	50
93-54-9038	7523810	1385225	9-69	2	305	24,425	3.34	816	43	20,735	3.43	711	2-73		40	868	-.03	27	58
93-54-9195	6438764	1444394	7-65	3	305	23,736	3.40	807	9	15,663	3.65	572	11-72		37	1,392	-.04	43	93
93-54-9195	6812542	1444394	2-67	4	305	23,890	3.39	810	11	17,727	3.53	625	4-73		38	1,252	-.04	39	84
93-54-9195	6849231	1444394	2-67	4	305	22,762	3.12	711	13	18,617	3.45	643	4-72		38	1,003	-.08	24	61
93-54-9195	7190875	1386406	3-68	3	305	24,156	3.35	809	17	18,820	3.49	656	6-72		42	903	-.02	30	62
93-54-9195	7349739	1444394	10-67	4	305	21,037	3.68	775	11	15,965	3.58	572	1-73		38	1,057	.01	40	77
93-54-9195	7398749	1518939	1-69	2	305	23,355	3.35	783	18	18,210	3.49	635	5-72		33	917	-.04	26	59
93-54-9195	7654192	1518939	4-70	1	305	25,240	3.23	815	18	19,620	3.47	681	4-72		28	827	-.06	21	51
93-54-9195	7654195	1561869	5-70	1	305	24,840	3.49	868	23	18,840	3.50	660	5-72		24	857	.00	31	61
93-54-9195	7672670	1322863	2-70	2	305	24,575	3.25	798	19	18,390	3.50	644	3-73		37	973	-.06	26	61
93-54-9195	7799891	1458744	10-70	1	305	20,910	3.46	724	20	16,650	3.57	594	1-73		36	773	-.02	25	52
93-54-9195	7805329	1493686	6-70	1	305	21,150	3.89	823	21	18,500	3.54	655	7-72		36	654	.06	33	54
93-54-9195	7995922	1444394	6-71	1	305	20,650	3.73	771	21	16,890	3.54	598	1-73		29	733	.01	28	53
93-54-9195	7995925	1458744	4-71	1	305	21,630	3.40	736	17	18,000	3.52	633	3-73		36	746	-.02	23	50
93-54-9296	6177148	1244009	7-64	5	305	23,376	3.57	834	120	19,188	3.65	700	4-72		44	1,004	-.04	30	66
93-54-9367	6614379	1237057	11-65	5	300	26,002	3.53	919	59	18,950	3.67	695	7-72		44	1,204	-.05	35	78
93-54-9367	6892345	1237057	9-65	4	305	23,187	3.74	867	42	19,560	3.64	712	1-72		44	755	-.01	25	52
93-54-9367	7077422	1478014	3-67	1	305	30,960	3.33	1031	93	20,080	3.62	727	3-72		35	1,167	-.02	39	80
93-54-9367	7140896	1493311	1-68	4	303	25,945	3.33	864	69	19,800	3.60	712	1-73		42	899	-.05	25	57
93-54-9367	7930160	1427615	3-71	1	305	24,000	3.65	875	54	19,450	3.54	689	4-73		36	878	-.08	19	52
93-54-9369	7120674	1438080	5-68	2	305	21,045	3.46	728	56	17,655	3.64	643	12-71		38	857	-.03	26	57
93-54-9369	7120681	1458744	7-68	3	305	22,380	3.40	762	53	17,473	3.66	640	3-73		42	1,016	-.04	30	66
93-54-9369	7322590	1308101	2-69	2	304	21,170	3.76	796	70	15,640	3.74	585	10-72		40	1,158	-.01	40	81
93-54-9369	7489920	1428104	6-69	2	305	23,350	3.34	780	71	15,635	3.74	584	7-72		40	1,242	-.12	26	72

TABLE 3. HOLSTEIN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
93-54-9369	7624866	1427615	4-70	1	305	22,970	3.50	804	61	16,710	3.73	624	12-72		36	965	-.11	17	$ 53
93-55-0015	6626179	1437633	4-66	3	289	17,730	3.65	647	373	14,653	3.61	529	1-73		40	799	-.02	25	53
93-55-2015	6630589	1236721	5-66	4	285	17,480	3.73	652	327	14,343	3.67	526	11-72		40	744	.01	29	55
93-54-0015	6754418	1445849	10-66	3	293	21,723	3.74	812	409	14,870	3.54	527	5-72		34	1,150	.04	47	86
93-56-0015	6891435	1236721	5-67	4	280	17,473	3.58	626	332	14,428	3.68	531	10-72		40	734	-.01	25	51
93-56-0015	7191525	1496357	7-68	2	305	19,560	3.81	745	387	15,145	3.55	537	3-72		29	648	.04	29	51
93-56-0015	7435700	1445849	7-69	2	305	19,250	3.74	720	305	14,585	3.63	530	3-73		31	797	.02	32	59
93-55-0015	7492037	1445849	8-69	2	286	19,390	3.73	723	370	14,505	3.65	530	12-72		31	821	.02	32	60
93-56-0015	7512670	1445849	10-69	1	305	21,310	3.55	756	386	15,380	3.59	552	3-72		26	799	.00	28	56
93-57-9005	6478821	1391977	5-65	5	304	20,928	3.47	726	70	14,096	3.67	518	2-72		44	825	-.04	24	54
93-57-9005	6670890	1236721	3-66	4	305	18,890	3.43	647	75	14,508	3.59	521	2-72		40	912	-.02	29	61
93-58-0058	7005222	1467293	12-67	2	305	19,800	3.61	714	43	15,440	3.65	564	2-72		35	766	.00	28	55

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C O REPT	W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
11-10-0003	2603519	571382	5-65	6	302	11,958	4.64	555	18	10,310	5.01	517	1-73	44	673	-.19	14	$ 39
11-10-0003	2603520	600564	5-65	6	304	13,745	4.80	660	22	10,450	4.98	520	2-73	32	557	-.04	24	43
11-10-0003	2769693	592073	12-67	4	303	12,970	5.10	661	19	10,932	4.77	522	3-73	43	309	.14	29	37
11-10-0003	2793018	583958	1-69	3	305	13,223	4.93	652	16	11,103	4.79	532	3-73	42	516	-.03	23	40
11-10-0003	2821691	583958	10-69	2	305	13,475	4.46	601	19	10,890	4.77	519	2-73	40	534	-.09	18	37
11-10-0008	2608064	571382	7-65	6	303	12,893	4.81	620	8	10,822	5.08	550	11-72	44	741	-.18	19	46
11-10-0008	2710073	571382	1-67	5	301	16,294	4.07	663	13	12,310	4.92	606	3-73	44	1,030	-.32	18	57
11-10-0008	2731354	592073	6-67	4	300	14,620	5.15	753	14	12,795	4.82	617	1-73	43	329	.15	31	39
11-10-0008	2779486	605897	12-68	2	305	17,835	4.22	753	12	11,890	4.87	579	8-72	37	954	-.14	33	66
11-10-0008	2792161	583958	3-69	3	298	14,417	4.90	706	14	13,053	4.84	632	2-73	42	474	-.04	20	36
11-10-0008	2854755	583958	12-70	1	305	15,830	4.49	711	7	12,190	5.03	613	11-72	36	569	-.10	18	38
11-10-0132	2717214	571382	3-66	5	303	11,946	4.59	548	17	10,590	4.75	503	11-72	44	642	-.18	14	38
11-10-0187	2728426	571382	6-67	4	304	12,263	4.49	550	6	10,188	4.99	508	12-72	43	719	-.21	14	41
11-11-0024	2794180	583958	1-69	2	305	12,710	4.36	554	30	9,375	4.84	454	4-73	40	579	-.11	18	39
11-12-0008	2446942	589477	11-61	9	305	13,526	5.51	745	27	11,386	5.02	572	10-72 B	42	396	.09	28	40
11-12-0008	2639126	571382	12-65	5	305	13,884	4.98	692	33	11,654	5.05	589	4-72	44	784	-.15	24	52
11-12-0008	2692543	577958	6-66	5	305	15,396	4.29	660	35	11,452	5.06	580	10-72	43	659	-.22	11	36
11-12-0008	2720436	571382	6-67	4	304	13,690	4.40	603	34	11,695	5.10	596	10-72	43	747	-.26	11	40
11-12-0008	2728961	577474	10-67	3	305	15,287	4.92	752	42	11,967	4.94	591	1-72	42	626	.02	33	53
11-12-0008	2764319	583958	8-68	3	305	13,910	4.69	653	26	11,263	5.11	576	9-72	42	580	-.10	19	40
11-12-0008	2764324	583958	8-68	3	305	13,670	4.59	628	27	11,330	5.05	572	11-72	42	546	-.10	17	36
11-12-0008	2764325	583958	9-68	3	305	15,547	4.12	641	30	11,423	5.08	580	11-72	42	754	-.19	18	46
11-12-0008	2804802	571382	7-69	2	305	12,600	4.77	601	41	11,000	5.02	552	5-72	40	662	-.18	15	39
11-12-0008	2804815	571382	11-69	2	305	13,300	4.77	634	29	11,985	4.73	567	3-73	40	653	-.15	17	41
11-12-0008	2825303	583958	2-70	1	305	14,000	5.02	703	44	10,860	5.07	551	5-72	36	512	-.04	21	38
11-12-0008	2838623	583958	7-70	1	305	13,230	5.68	752	34	10,960	4.96	544	4-72	36	448	.04	26	40
11-12-0022	2721869	571382	9-66	5	301	11,982	4.87	583	36	10,856	4.99	542	1-73	44	619	-.16	15	38
11-12-0022	2767459	583958	3-68	3	302	13,620	4.71	642	40	10,790	5.03	543	1-73	42	590	-.08	21	42
11-12-0022	2793194	577474	8-68	2	305	14,530	4.56	663	28	10,655	4.93	525	5-72	40	607	-.03	27	47
11-12-0022	2793197	571382	8-68	3	305	12,020	4.78	575	44	10,680	5.00	534	10-72	42	637	-.18	14	38
11-12-0022	2793201	583958	10-68	3	305	13,367	4.85	648	31	11,090	4.99	553	2-73	42	534	-.05	21	39
11-12-0022	2836730	609270	2-70	2	305	13,720	5.03	690	41	10,965	4.95	543	1-73	38	453	.01	23	38
11-12-0026	2827496	571382	5-69	2	305	12,070	4.65	561	31	9,920	4.89	485	1-73	40	696	-.18	16	42
11-12-0064	2720452	571382	5-67	3	268	12,003	5.17	621	37	10,830	5.01	543	1-73	42	621	-.12	19	41
11-12-0095	2681888	571382	7-66	4	253	12,653	4.21	533	11	9,828	4.86	478	12-72 B	43	803	-.24	15	45
11-15-0041	2581859	546137	10-64	7	292	12,289	5.57	685	30	10,670	5.13	547	10-72	44	465	.13	36	49
11-15-0041	2727097	603553	10-67	4	304	14,552	4.43	644	20	11,217	5.00	561	3-73	35	589	-.10	19	40
11-15-0041	2817385	583958	9-69	2	297	12,760	5.22	666	25	10,900	4.98	543	1-73	40	461	-.01	22	37
11-15-0179	2631402	546137	11-64	5	300	12,288	4.52	555	9	9,440	4.95	467	3-72	44	593	-.01	28	48
11-15-0179	2889529	583958	12-70	1	305	12,940	4.75	615	9	8,840	4.92	435	12-72 B	36	553	-.05	22	41
11-18-0004	2590823	497574	1-65	5	305	12,528	4.87	610	9	11,236	5.08	571	5-72	44	504	-.04	21	38
11-18-0004	2596316	497574	11-64	6	305	12,870	5.15	663	7	11,085	5.09	564	6-72	44	564	.01	29	47
11-18-0004	2820067	571382	11-69	2	305	15,195	4.17	634	10	11,580	4.78	553	3-73	40	879	-.25	18	51
11-18-0004	2820070	571382	1-70	1	305	12,810	4.58	587	9	9,560	4.99	477	7-72	35	744	-.20	17	44
11-20-0083	2847466	605797	3-69	2	297	12,605	5.20	656	9	9,200	4.79	441	6-72	28	446	.07	29	42
11-21-0037	2710468	571382	3-67	3	302	11,843	4.60	545	17	9,033	5.09	460	6-72	42	770	-.20	18	46
11-21-0037	2728339	577474	10-67	4	286	12,003	5.17	621	15	9,720	5.01	487	11-72	43	468	.05	28	43
11-21-0037	2746135	585348	12-67	2	305	12,675	5.89	747	15	10,605	4.85	514	3-72	40	366	.10	28	38
11-21-0037	2747253	583958	1-68	4	304	12,945	4.63	600	11	10,273	4.88	501	4-73	44	580	-.08	21	41
11-21-0037	2807073	610614	10-69	2	294	15,515	4.23	657	17	10,120	4.94	500	1-73	25	702	-.14	21	46
11-23-0092	2664804	592073	11-65	5	301	12,818	5.15	660	54	9,918	5.19	515	10-71	44	410	.10	30	42
11-23-0092	2681475	572331	6-66	5	303	13,084	4.85	634	62	10,192	5.25	535	11-72	40	795	-.12	27	55
11-23-0092	2681483	572331	5-66	5	303	12,056	4.70	567	65	9,886	5.20	514	8-72	40	686	-.14	20	45
11-23-0092	2779003	583958	9-68	3	305	11,627	5.74	667	66	10,090	5.37	542	9-72	42	426	.03	24	37
11-23-0092	2806549	571382	6-69	2	305	13,310	4.78	636	72	10,465	5.42	567	8-72	40	778	-.21	17	46
11-23-0092	2806557	583958	8-69	2	305	11,815	5.86	692	58	10,380	5.45	566	10-72	40	407	.03	23	36
11-23-0092	2806566	583958	10-69	2	300	14,930	5.16	770	53	10,420	5.43	566	12-72	40	720	-.05	31	55
11-23-0092	2832579	583958	5-70	1	305	14,150	4.79	678	59	10,650	5.35	570	10-72	36	535	-.09	18	37
11-23-0092	2832580	583958	4-70	1	305	12,990	5.46	709	47	10,420	5.28	550	6-72	36	463	-.01	22	37
11-23-0092	2848777	583958	11-70	1	305	14,990	5.68	851	49	10,730	5.32	571	12-72	36	593	.02	31	50
11-23-0092	2848778	583958	11-70	1	280	15,130	4.57	692	50	10,730	5.33	572	11-72	36	604	-.11	19	40
11-23-0092	2848780	596832	11-70	1	305	15,420	4.40	678	62	11,090	5.32	590	11-72	32	669	-.17	16	41
11-23-0092	2850627	596832	7-70	1	305	14,070	5.04	709	53	10,490	5.34	560	7-72	32	600	-.10	20	41
12-11-0103	2572358	546137	9-64	6	304	11,770	4.81	566	23	9,420	4.98	469	7-72	44	528	.03	29	46
12-11-0103	2749683	583958	11-67	2	305	12,755	4.93	629	24	9,970	4.85	484	3-72	40	536	-.04	23	41
12-11-0103	2798000	583958	3-69	1	305	13,720	4.23	580	12	9,920	4.84	480	3-73	36	547	-.11	16	36
12-11-0103	2807234	583958	5-69	2	301	12,175	4.71	573	30	9,105	4.83	440	7-72	40	547	-.06	21	40
12-11-0176	2774848	583958	5-68	3	305	13,270	4.34	576	8	10,440	4.97	519	3-73	42	582	-.13	16	37
12-12-0101	2639134	571382	1-66	6	295	11,673	5.01	585	24	10,493	5.12	537	4-73	44	617	-.16	15	38
12-12-0101	2683482	602784	12-66	4	301	13,018	4.93	642	20	10,038	5.19	521	5-72	33	546	-.03	24	42
12-12-0101	2797143	571382	7-69	2	305	13,075	4.17	545	25	9,755	4.93	481	4-73	40	812	-.25	15	46
12-12-0174	2702860	577474	3-64	6	300	11,708	4.44	520	28	8,840	4.80	424	3-72	44	533	-.04	22	40
12-12-0174	2706012	596832	8-65	5	305	13,030	4.27	556	30	9,030	4.67	422	7-72	41	793	-.16	23	52
12-13-0181	2780767	602784	8-67	3	297	11,287	5.68	641	27	9,433	5.25	495	7-72	32	350	.09	26	36
12-13-0181	2808591	592073	1-70	2	294	13,705	4.71	645	23	10,105	4.88	493	2-73	40	400	.07	27	39
12-13-0181	2840104	593816	3-70	1	275	12,920	5.35	691	43	9,770	5.10	498	10-72	35	421	.01	22	36
12-13-0200	2502752	557682	11-62	8	299	13,950	4.58	639	16	10,736	4.91	527	8-72	43	662	-.14	19	43
12-13-0200	2531554	577474	8-63	8	283	13,374	4.64	620	26	10,458	4.95	518	12-72	44	582	-.03	26	45
12-13-0200	2702993	577474	12-66	5	287	11,694	5.34	624	25	10,300	5.02	517	9-72	44	379	.07	26	37
12-13-0200	2770336	583958	10-68	2	292	13,295	5.02	667	31	10,890	4.89	532	11-72	40	516	-.03	23	40
12-15-0164	2779804	571382	7-66	4	297	11,013	5.12	564	34	9,700	5.23	507	2-72	43	612	-.15	15	37
12-15-0169	2681325	598150	9-66	4	253	11,690	4.91	574	12	10,103	5.12	517	11-72	35	503	-.05	20	37
12-15-0169	2779841	583958	10-68	2	305	13,420	4.90	658	14	9,635	5.17	498	4-73	40	630	-.06	25	47
12-15-0169	2815258	585350	12-69	1	305	12,090	5.86	709	22	9,600	5.20	499	12-72	35	318	.20	35	42
12-16-0149	2693457	577474	12-66	4	305	12,135	4.82	585	17	10,263	4.68	480	3-72	43	431	.03	24	38

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
12-16-0149	2810403	583958	12-69	1	305	12,740	4.47	569	12	9,590	4.48	430	6-72		36	494	-.06	19	$ 36
12-17-0133	2560084	594846	10-63	7	282	14,551	4.23	615	57	10,512	5.20	547	8-72		42	655	-.19	13	38
12-17-0133	2584723	557682	11-63	7	302	12,786	5.08	650	53	9,800	5.18	508	6-72		43	607	-.07	23	44
12-17-0133	2588652	557682	11-64	4	305	14,195	4.78	679	57	11,038	5.05	557	3-72		42	646	-.11	21	44
12-17-0133	2654182	571382	1-66	5	303	13,332	4.73	630	72	10,658	5.19	553	8-72		44	816	-.20	20	50
12-17-0133	2676740	577474	4-66	5	305	12,594	5.10	642	72	10,242	5.17	529	11-72		44	502	.02	27	43
12-17-0133	2678214	571951	11-66	5	303	12,966	5.43	704	82	11,142	5.07	565	2-73		43	362	.08	26	37
12-17-0133	2758427	583958	1-68	4	304	14,960	4.18	625	83	11,438	5.06	579	2-73		44	713	-.19	16	42
12-17-0133	2771992	607831	9-68	3	305	13,623	4.93	671	79	11,176	5.03	562	2-73		33	567	-.03	25	44
12-17-0133	2796267	546137	4-69	2	305	11,805	5.37	638	45	9,870	5.02	495	2-73		40	452	.11	33	46
12-17-0133	2809561	607831	9-69	2	305	17,095	4.46	762	79	11,395	4.98	567	1-73		30	927	-.13	33	65
12-17-0133	2809570	610258	12-69	2	305	14,805	4.71	697	70	11,390	4.95	564	2-73		30	527	-.09	21	39
12-17-0133	2835216	608657	7-70	1	305	15,370	5.05	776	57	11,400	5.02	572	4-72		26	512	-.05	20	38
12-17-0133	2860434	602658	1-71	1	305	12,950	4.59	595	91	10,650	5.12	548	11-72		35	672	-.21	12	37
12-17-0133	2880645	597663	1-71	1	305	18,700	3.82	714	83	10,310	5.25	541	8-72		24	753	-.22	15	43
12-17-0135	2692465	598150	11-66	4	305	14,498	4.34	629	5	11,970	4.78	572	7-72		38	691	-.13	21	46
12-17-0135	2808278	610258	3-69	2	305	17,270	3.93	679	7	11,780	4.58	540	8-72		30	783	-.18	21	49
12-17-0135	2808282	571382	10-69	1	305	15,480	4.49	695	6	12,900	4.43	572	8-72		35	744	-.18	19	46
12-17-0135	2830986	582400	4-70	1	305	14,470	4.43	641	8	12,630	4.42	558	9-72		35	507	-.07	18	36
12-18-0108	2750493	571382	9-67	3	297	14,437	4.02	580	13	9,887	5.26	520	5-72		42	993	-.32	16	54
12-18-0108	2819319	583958	4-69	2	305	13,680	4.72	655	12	10,470	5.01	525	1-73		40	609	-.07	23	44
12-18-0108	2819323	583958	4-70	1	305	13,790	4.31	595	8	9,050	4.97	450	9-72		36	604	-.11	19	40
12-18-0113	2696751	555208	6-68	3	305	13,343	5.21	695	20	11,583	4.92	570	1-73		37	400	.09	29	41
12-18-0113	2768010	605897	5-68	3	305	11,566	5.27	609	22	10,313	5.19	535	8-72		39	433	.01	22	36
12-18-0113	2783783	583958	1-69	2	305	17,345	4.78	829	12	11,700	4.92	576	4-72		40	861	-.06	36	65
12-18-0113	2783785	602621	1-69	2	305	12,075	6.22	751	20	10,350	5.10	528	10-72		32	310	.18	33	40
12-18-0113	2805346	602621	4-69	2	305	14,505	5.08	737	19	10,345	5.01	518	2-73		32	591	.03	32	51
12-18-0113	2852600	583958	4-70	1	305	13,040	6.10	795	20	10,130	5.12	519	10-72		36	484	.06	30	45
12-18-0165	2613900	598150	9-65	6	303	13,668	4.82	659	19	10,357	5.03	521	2-73		36	774	-.06	32	58
12-18-0165	2748026	605897	3-68	3	305	12,900	4.85	626	11	10,663	4.89	521	6-72		39	560	-.03	25	44
12-18-0165	2868250	602658	2-71	1	305	15,450	3.42	529	24	10,890	4.83	526	12-72		35	848	-.33	8	41
12-18-0178	2632607	546137	8-65	5	304	11,538	5.06	584	18	10,020	4.94	495	4-72		44	435	.08	29	42
12-18-0178	2675712	563805	10-66	5	297	11,588	4.94	572	45	10,184	4.83	492	9-72		43	432	.03	24	38
12-18-0178	2677706	571382	10-66	5	290	11,956	4.81	575	17	10,276	4.76	489	3-73		44	676	-.14	19	43
12-18-0178	2702261	571382	10-66	5	299	11,222	4.95	555	33	9,936	4.79	476	9-72		44	616	-.13	18	40
12-18-0178	2736700	563805	12-67	4	281	12,530	4.74	594	39	10,898	4.98	543	12-72		42	473	-.01	22	38
12-18-0178	2770033	571382	7-68	3	293	13,830	3.90	539	63	10,823	4.79	518	9-72		42	835	-.29	12	44
12-18-0178	2774066	571382	8-68	3	305	13,860	3.72	516	39	10,143	4.78	485	12-72		42	902	-.32	12	47
12-18-0178	2778121	571382	11-68	3	297	15,027	3.89	584	41	10,223	4.92	503	10-72		42	1,030	-.32	18	57
12-18-0178	2790193	563805	4-69	2	305	11,965	5.11	612	28	9,955	4.68	466	5-72		38	463	.06	29	43
12-18-0178	2830619	563805	5-70	2	303	13,400	3.66	490	22	10,450	4.58	479	4-73		38	572	-.13	15	36
12-18-0178	2864592	593883	1-70	1	305	12,760	4.79	611	49	10,650	4.49	478	12-72		34	446	.09	31	44
12-18-0208	2654567	571382	2-66	4	305	11,453	4.50	515	15	8,343	4.83	403	7-72		43	802	-.19	20	49
12-18-0208	2873407	593883	1-71	1	110	11,780	4.44	523	23	10,300	4.61	475	2-73	B	34	392	.06	25	37
13-01-0260	2240113	480642	5-57	11	302	14,675	4.52	664	15	9,905	5.19	514	2-72		44	856	-.17	25	56
13-01-0260	2830175	592073	1-69	2	305	14,550	4.58	666	18	11,125	5.06	563	4-72		40	403	.03	23	36
13-01-0260	2856533	592073	8-69	2	305	12,850	5.39	692	25	10,190	5.19	529	11-72		40	306	.14	29	37
13-01-0261	2670032	577484	6-61	5	305	11,484	4.75	545	11	8,040	5.02	404	4-72		35	552	-.05	22	41
13-01-0435	2742648	583958	9-67	3	301	12,160	5.08	618	35	9,907	5.19	514	12-72		42	504	-.04	21	38
13-01-0435	2826539	583958	11-68	3	303	11,823	5.55	656	19	10,123	5.30	537	2-73		42	445	.01	23	37
13-01-0435	2877984	583958	9-69	2	302	13,790	4.60	634	30	9,875	5.14	508	12-72		40	648	-.10	22	45
13-01-0435	2877990	583958	12-69	1	305	15,050	4.54	683	15	10,090	5.46	551	4-72		36	696	-.11	20	43
13-01-0613	2837718	583958	10-69	2	299	11,655	4.29	500	21	8,065	5.33	430	10-72		40	579	-.14	15	36
13-02-0041	2743277	585348	6-67	4	305	12,333	5.24	646	48	9,343	5.36	501	3-73		43	494	-.02	22	39
13-02-0041	2802267	583958	10-68	3	305	12,337	4.67	576	43	9,640	5.27	508	12-72		42	549	-.10	17	37
13-02-0041	2873332	583958	11-69	1	305	12,200	5.11	624	50	9,080	5.25	477	8-72		36	484	-.04	20	36
13-03-0120	2630361	546137	10-65	6	301	12,677	5.41	686	19	10,510	5.36	563	11-72		44	532	.09	35	51
13-03-0144	2392755	577474	11-60	9	295	12,057	4.73	570	18	9,386	4.87	457	2-73		44	522	-.01	25	42
13-03-0144	2637991	571382	9-65	3	303	10,937	4.99	546	31	9,633	5.05	486	11-72		42	609	-.15	15	37
13-03-0211	2642658	574470	9-65	6	305	13,338	5.35	713	40	10,143	5.29	537	9-72		42	561	.04	32	50
13-03-0211	2642679	522499	11-60	6	305	12,702	5.79	736	39	10,138	5.37	544	9-72		43	531	.10	36	52
13-03-0211	2683363	557682	8-66	5	305	13,418	5.10	684	49	10,236	5.32	545	10-72		43	644	-.09	23	45
13-03-0211	2683366	557682	10-66	5	301	13,548	4.23	573	92	10,032	5.30	532	2-73		43	683	-.24	10	36
13-03-0211	2760880	583958	4-68	3	305	12,127	5.77	700	46	10,430	5.25	548	9-72		42	452	.05	27	41
13-03-0211	2768838	583958	11-68	3	305	12,870	5.03	648	37	10,633	5.29	562	12-72		42	519	-.06	20	38
13-03-0211	2813178	583958	8-69	2	305	13,330	4.89	652	46	10,680	5.22	558	9-72		40	536	-.07	20	39
13-03-0211	2813186	598125	10-69	2	305	16,315	4.46	727	56	10,680	5.23	559	9-72		39	637	-.15	17	40
13-03-0223	2562606	577474	2-64	6	300	10,502	6.00	630	11	9,173	5.23	480	6-72		44	341	.15	31	40
13-03-0223	2695421	602621	10-66	5	303	12,624	5.28	667	30	10,154	5.19	527	10-72		37	464	.04	27	42
13-03-0223	2810834	585350	11-69	2	305	12,620	5.63	710	30	10,950	5.14	563	11-72		40	322	.19	34	42
13-03-0223	2843246	604694	12-70	1	305	12,550	5.55	697	10	11,290	5.12	578	2-73		35	402	.04	24	36
13-03-0230	2791268	585355	1-69	2	305	11,850	5.10	604	8	8,660	4.84	419	8-72		35	498	.05	30	45
13-03-0331	2502651	591739	12-62	8	291	12,021	5.42	652	21	9,949	5.05	502	6-72		37	399	.04	24	36
13-03-0331	2714017	600383	9-65	6	299	13,152	4.95	651	21	10,487	4.99	523	2-73		32	459	.00	23	38
13-04-0195	2826426	585355	12-69	1	305	12,470	5.53	690	7	9,940	4.87	484	11-71	B	31	392	.09	28	39
13-04-0420	2701197	571382	12-66	5	305	12,604	4.34	547	21	10,026	5.04	505	11-72		44	787	-.25	14	44
13-04-0420	2701198	571382	12-66	5	302	11,876	4.76	565	22	10,358	5.03	521	1-73		44	657	-.17	15	39
13-04-0420	2779400	583958	1-69	2	305	12,480	5.47	683	25	10,345	5.07	524	1-72		40	477	.02	26	41
13-04-0420	2850948	577474	9-70	1	305	13,640	4.28	584	19	8,940	5.11	457	10-72		35	545	-.05	22	41
13-04-0504	2779814	583958	8-68	3	301	14,477	4.70	681	6	10,400	5.17	538	2-73		42	725	-.10	26	51
13-04-0504	2782313	583958	3-69	2	305	13,925	4.93	687	5	10,020	5.29	530	4-72		40	650	-.06	26	48
13-06-0006	2671491	558004	8-64	5	304	13,928	4.04	563	28	10,172	4.87	495	3-72		36	663	-.22	11	36
13-06-0006	2858365	602658	11-70	1	305	12,690	4.76	606	55	11,110	4.77	530	12-72		35	624	-.17	14	37
13-06-0216	2764408	583958	9-67	3	300	13,713	4.66	639	41	8,563	5.30	454	5-72		42	806	-.11	29	57
13-06-0216	2777022	583958	10-67	4	291	12,205	5.06	617	56	9,300	5.33	496	9-72		44	584	-.05	24	44

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
13-06-0455	2706652	571382	10-66	4	305	11,438	4.76	545	28	9,738	4.88	475	4-72		43	661	-.17	16	$ 40
13-06-0476	2624312	571382	10-65	4	305	12,108	4.96	600	19	9,853	5.07	500	3-72		43	733	-.15	21	47
13-06-0476	2684033	571382	2-66	5	305	13,242	4.50	596	19	10,426	5.02	523	3-73		44	828	-.23	18	49
13-06-0476	2694796	571382	6-66	5	276	13,732	4.80	659	16	10,204	5.07	517	12-72		44	915	-.18	27	60
13-06-0476	2702640	602283	9-66	4	305	13,545	5.02	680	11	10,807	4.74	512	9-72		42	529	-.02	24	42
13-06-0476	2706881	571382	12-66	3	296	11,360	5.51	626	15	10,133	5.17	524	7-72		42	611	-.09	21	42
13-06-0476	2717869	571382	11-66	3	301	12,290	4.84	595	16	11,073	4.97	550	4-72		42	632	-.16	15	38
13-06-0618	2778677	010130534	8-62	4	305	13,653	4.56	622	9	9,853	5.31	523	3-72		30	593	-.12	17	38
13-06-0621	2318846	569697	9-58	10	296	12,678	4.57	579	23	9,247	5.03	465	8-72		34	629	-.10	21	43
13-06-0621	2464261	567370	12-61	8	298	12,279	4.80	589	27	9,129	4.95	452	9-72		44	562	-.04	24	43
13-06-0621	2631360	567370	7-63	4	305	12,748	4.70	599	26	9,375	4.96	465	4-72		44	580	-.06	23	43
13-06-0621	010410988	010131891	9-66	3	272	11,673	5.46	637	32	8,543	4.96	424	8-72		32	415	.09	29	41
13-08-0022	2624046	561304	1-63	4	302	12,678	4.95	627	16	9,448	5.11	483	12-72		43	379	.08	27	38
13-08-0022	2772771	571382	1-68	3	304	12,167	4.44	540	13	9,723	5.08	494	8-72		42	744	-.23	14	42
13-08-0022	2772778	571382	5-68	3	303	12,037	4.47	538	11	9,493	5.04	478	7-72		42	750	-.22	15	43
13-08-0022	2807628	583958	11-68	2	305	12,615	4.89	617	17	9,495	5.00	475	3-72		40	560	-.05	23	42
13-08-0125	2719831	571382	3-67	3	297	12,917	3.91	505	12	8,580	4.93	423	6-72		42	938	-.30	16	52
13-08-0125	2808768	571382	10-68	2	305	11,875	4.40	523	10	8,560	4.98	426	4-72		40	787	-.22	17	46
13-09-0003	2640570	571382	10-65	4	292	12,858	4.36	561	35	11,448	4.80	550	2-73		43	668	-.22	11	36
13-09-0003	2656576	571382	2-66	3	305	16,460	3.84	632	52	11,060	4.81	532	9-72		42	1,119	-.33	21	63
13-09-0003	2704838	571382	8-66	5	302	12,958	4.35	564	57	11,560	4.71	545	12-72		44	673	-.21	12	37
13-09-0003	2704843	571382	10-66	4	299	15,735	4.46	702	65	11,605	4.70	546	10-72		43	1,010	-.20	29	65
13-09-0003	2817060	583958	9-69	2	299	12,865	5.28	679	63	11,440	4.69	536	10-72		40	427	.03	24	37
13-09-0003	2828846	583958	10-69	2	297	14,005	4.83	677	69	11,320	4.68	530	10-72		40	553	-.02	25	43
13-09-0003	2845148	583958	7-70	1	304	13,800	4.75	655	51	10,960	4.79	525	12-72		36	491	-.05	19	36
13-09-0003	2849182	583958	9-70	1	303	13,090	5.26	688	64	11,010	4.77	525	11-72		36	435	.00	22	36
13-09-0048	2768880	592073	10-68	1	305	15,710	4.96	779	12	10,780	4.88	526	1-73		35	413	.11	31	43
13-09-0139	2451406	593891	1-62	7	305	13,199	5.30	699	17	10,184	5.26	536	12-72		36	475	.06	29	44
13-09-0191	2860928	607176	5-67	2	305	15,070	4.34	654	30	9,940	4.90	487	2-73		29	597	-.09	21	42
13-09-0280	2692962	571382	10-66	1	305	13,320	4.67	622	20	8,870	4.88	433	12-72		35	824	-.18	22	52
13-09-0403	2632011	561304	1-61	7	295	14,480	4.32	626	26	11,141	4.91	547	1-73		44	457	-.02	21	36
13-09-0403	2683903	571382	12-65	5	302	13,422	4.66	625	27	10,968	4.92	540	8-72		44	795	-.19	20	49
13-09-0403	2739334	592073	8-67	4	299	13,512	5.04	681	26	10,962	4.95	543	10-72		43	574	.11	29	40
13-09-0403	2806695	605897	8-68	3	211	14,366	4.80	689	16	10,920	4.99	545	4-73	B	39	713	-.04	31	55
13-09-0403	2841642	605897	10-69	2	303	13,050	4.78	624	25	11,165	4.97	555	12-72		37	506	-.04	21	38
13-09-0409	2448945	581189	8-61	9	305	13,736	4.99	686	45	11,207	5.03	564	2-72		35	537	-.01	26	44
13-09-0409	2543188	593171	11-63	7	301	13,823	4.91	679	50	11,380	4.97	566	4-72		35	442	.00	22	36
13-09-0409	2677750	571382	9-65	5	301	14,598	4.69	684	51	10,982	5.09	559	5-72		44	947	-.20	26	60
13-09-0409	2700227	571382	10-66	4	302	13,460	4.47	601	36	11,423	5.05	577	3-72		43	745	-.24	13	41
13-09-0409	2711942	571382	3-67	4	297	13,725	4.44	609	54	11,290	5.08	574	2-73		43	791	-.25	14	44
13-09-0409	2711943	571382	5-67	4	305	15,493	4.54	704	54	11,168	5.10	570	4-73		43	1,024	-.23	27	64
13-09-0409	2712063	571382	1-67	4	304	16,168	4.14	669	71	11,043	5.13	567	10-72		43	1,120	-.31	23	65
13-09-0409	2731313	571382	12-67	3	297	13,857	4.18	579	16	11,213	4.91	550	5-72		42	802	-.26	13	43
13-09-0409	2821133	583958	9-69	2	305	13,990	5.13	718	72	11,325	5.05	572	1-73		40	551	-.02	25	43
13-09-0409	2823692	583958	1-70	1	305	14,310	4.90	701	68	11,310	4.92	557	11-72		36	508	-.04	21	38
13-09-0409	2855824	583958	10-70	1	305	16,360	4.44	815	44	11,520	4.88	562	2-73		36	797	-.10	29	57
13-09-0532	2711609	606982	2-67	4	305	13,757	4.94	679	10	11,055	5.42	599	9-72		35	570	-.05	23	42
13-09-0532	2711610	606982	3-67	3	288	11,986	5.61	672	11	10,263	5.53	568	9-71	B	33	390	.06	25	37
13-09-0532	2734074	606982	9-67	3	305	15,400	5.51	849	9	10,866	5.54	602	7-72		33	783	.06	45	70
13-09-0532	2734075	606982	9-67	4	305	13,560	5.21	706	11	10,930	5.46	597	1-73		35	556	-.01	27	45
13-09-0532	2734077	606982	10-67	4	300	14,592	5.06	739	12	10,690	5.46	584	10-72		35	732	-.02	34	58
13-09-0532	2734078	606982	11-67	2	301	13,980	5.40	755	9	10,935	5.41	592	11-72		30	542	.04	31	48
13-09-0532	2771178	606982	5-68	2	305	14,710	4.93	725	7	10,250	5.53	567	12-71		30	694	-.04	30	53
13-09-0532	2826081	606982	11-69	2	296	13,610	5.36	730	11	11,235	5.39	606	10-72		30	469	.03	26	41
13-09-0802	2546207	546137	11-63	6	305	12,873	5.27	679	15	10,767	5.13	552	3-73		44	531	.09	35	51
13-09-0802	2612185	571382	9-65	5	305	12,834	4.43	568	19	10,538	5.25	553	2-72		44	763	-.25	12	41
13-09-0802	2767358	577474	8-68	3	297	12,723	5.61	714	18	10,440	5.20	543	8-72		42	470	.10	33	47
13-09-0802	2815383	571382	10-69	2	297	13,455	5.42	595	25	10,725	5.28	566	9-72		40	772	-.25	13	42
13-09-0802	2815384	605897	10-69	2	305	14,005	5.09	713	27	10,700	5.21	558	10-72		37	647	-.02	30	51
13-09-0802	2826773	546137	12-69	2	282	13,165	4.47	588	18	11,385	5.01	570	1-73		40	459	-.02	21	36
13-09-0808	2506867	539965	7-62	6	304	12,703	5.43	690	53	10,357	5.36	555	11-72		36	418	.05	26	39
13-09-0808	2506868	567370	8-62	9	304	13,048	4.96	647	49	10,003	5.32	532	8-73		44	571	-.05	23	43
13-09-0808	2506886	567370	11-62	8	305	13,484	5.61	757	40	10,239	5.34	547	11-72		44	603	.06	36	55
13-09-0808	2812198	594664	12-69	2	305	14,940	4.67	697	62	10,765	5.28	569	11-72		39	619	-.17	14	37
13-10-0004	2344134	522499	8-59	9	305	12,967	5.06	656	19	9,904	5.15	510	4-72		43	590	.00	29	48
13-10-0004	2584086	546137	10-64	7	296	12,034	5.51	663	19	10,730	5.07	544	4-73		44	425	.13	34	46
13-10-0004	2584093	546137	2-65	7	297	12,710	4.89	621	34	10,529	5.14	541	12-72		44	535	.03	29	46
13-10-0004	2602713	546137	4-65	5	305	11,130	6.02	670	25	9,982	5.20	519	8-72		44	386	.19	38	48
13-10-0004	2723184	583958	8-67	4	302	13,110	4.48	587	23	9,843	5.34	526	8-72		44	642	-.15	17	40
13-10-0004	2777711	583958	8-68	3	300	13,447	5.18	697	24	9,940	5.25	522	8-72		42	649	-.03	29	51
13-10-0004	2777732	583958	1-69	3	305	12,617	5.70	719	29	10,743	5.12	550	11-72		42	479	.05	29	44
13-10-0004	2802510	609270	8-69	2	303	17,100	4.33	741	26	10,600	5.08	539	2-73		38	857	-.12	29	58
13-10-0009	2720250	602856	11-66	4	305	14,525	4.92	715	29	10,775	5.23	563	11-72		35	578	-.05	24	44
13-10-0009	2777713	583958	10-68	3	305	13,073	5.42	709	24	11,163	5.15	575	2-73		42	493	.02	26	42
13-10-0035	2606732	567370	9-63	7	302	13,243	5.08	673	22	10,417	5.13	534	5-72		44	553	.00	27	45
13-10-0035	2681826	546137	8-66	4	304	14,015	4.36	611	21	10,470	5.13	537	7-72		43	692	-.07	27	51
13-10-0035	2736708	606291	11-67	4	287	13,545	4.40	623	33	11,275	5.12	577	12-72		34	538	-.10	17	36
13-10-0035	2781962	583350	10-68	2	218	13,050	5.29	690	22	11,165	5.06	565	1-72	H	40	348	.15	32	41
13-10-0036	2771965	583350	1-69	2	301	10,660	5.53	589	19	8,280	5.18	429	10-72		40	340	.17	33	42
13-10-0036	2782643	583350	4-69	2	305	10,485	5.17	542	16	8,090	5.23	423	9-72		40	337	.13	29	38
13-10-0036	2853339	602658	9-70	1	305	12,760	4.30	549	19	8,860	4.89	433	1-73		35	767	-.22	16	45
13-10-0043	2800285	608236	3-69	2	300	16,010	4.57	731	31	10,990	4.60	506	9-72		34	624	-.08	23	45
13-10-0466	2640568	571382	10-65	2	288	12,365	3.98	492	21	8,260	5.00	413	10-72		40	862	-.27	15	48
13-10-0466	2640569	571382	12-65	2	290	10,950	4.44	486	17	8,460	5.08	430	12-72		40	701	-.22	13	39
13-10-0466	2640572	571382	11-65	2	284	11,455	4.50	516	20	8,080	5.01	405	9-72		40	784	-.21	18	47

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. REGS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
13-12-0026	2692964	571382	9-66	3	276	12,387	4.25	526	15	10,000	4.91	491	4-73	B	42	743	-.24	13	$ 41
13-12-0085	2546782	560800	9-63	5	297	12,010	4.70	565	21	9,350	5.07	474	1-72		44	537	-.07	20	39
13-12-0085	2636928	571382	9-65	4	305	11,243	5.12	576	21	9,225	5.04	465	3-72		43	688	-.13	21	46
13-12-0108	2730973	592073	9-67	3	305	14,590	4.67	681	18	11,343	4.87	552	1-72		42	442	.05	27	41
13-12-0108	2730976	577474	8-67	4	301	13,003	4.62	601	30	10,778	4.98	537	10-72		43	487	-.03	21	37
13-12-0108	2730977	577474	10-67	3	305	12,473	5.86	731	20	10,990	4.93	542	2-73		42	390	.16	35	45
13-12-0108	2793961	583958	7-69	2	302	12,945	4.64	601	17	10,225	5.06	517	8-72		40	534	-.09	18	37
13-12-0108	2815675	583958	8-69	2	305	13,670	4.77	652	24	10,605	5.04	534	12-72		40	577	-.07	22	42
13-12-0108	2815676	605897	9-69	2	305	12,735	4.58	583	18	10,220	5.04	515	8-72		37	553	-.07	20	39
13-12-0114	2485012	555208	9-62	7	299	12,526	4.90	614	20	10,099	5.15	520	3-72		40	479	.01	25	40
13-12-0114	2580203	563813	8-64	7	301	12,421	5.28	656	24	9,171	5.11	469	10-72		44	470	.08	31	45
13-12-0114	2650504	571382	9-65	8	302	11,887	4.41	524	29	9,690	5.06	490	7-72		42	714	-.23	12	39
13-12-0114	2675963	602636	8-66	5	303	12,110	5.15	624	29	9,544	5.13	490	10-72		39	519	-.06	20	38
13-12-0114	2734485	577474	5-67	4	303	12,863	4.49	577	22	9,323	5.02	468	9-72		43	615	-.05	25	46
13-12-0114	2820407	583958	11-69	2	305	11,985	5.19	622	33	9,885	5.16	510	11-72		40	464	-.02	21	36
13-12-0161	2689094	576127	5-66	5	304	13,170	4.53	596	5	10,298	5.09	524	9-72		43	491	-.05	19	36
13-12-0244	2804145	583958	12-69	1	305	14,020	4.76	668	12	10,060	4.75	478	4-72		36	561	-.05	23	42
13-12-0255	2760356	583958	3-68	3	256	13,213	5.01	662	7	9,760	5.55	542	10-72	B	42	638	-.09	23	45
13-13-0072	2605260	563805	3-65	5	302	12,368	4.86	601	26	10,776	5.09	548	10-72		43	473	-.01	22	38
13-13-0072	2679011	571382	11-66	4	301	12,285	4.15	510	8	10,115	4.91	497	3-72		43	729	-.26	10	38
13-13-0145	2591102	579169	10-64	7	294	11,937	4.77	569	13	9,513	4.97	473	12-72		39	443	-.01	21	36
13-14-0108	2690931	577474	10-66	5	300	13,812	4.35	601	35	10,396	4.81	500	3-73		44	645	-.07	25	47
13-14-0108	2704775	574994	3-67	4	305	14,065	4.87	685	43	10,555	4.80	507	11-72		42	472	.00	23	38
13-14-0108	2765175	583958	10-68	3	295	13,550	5.09	690	40	10,787	4.80	518	1-73		42	583	.00	29	48
13-14-0108	2776674	577474	11-68	2	299	12,500	5.24	655	37	10,710	4.83	517	1-72		40	395	.07	26	38
13-14-0108	2807657	577474	10-69	2	293	13,315	4.56	607	23	10,870	4.76	517	2-73		40	465	-.01	22	37
13-14-0108	2807662	577474	11-69	2	293	13,725	4.49	616	32	10,800	4.81	519	11-72		40	513	-.03	22	39
13-14-0108	2827433	577474	5-70	1	296	13,980	4.09	572	9	10,340	4.58	474	8-72		35	487	-.04	20	37
13-14-0108	2839657	577474	7-70	1	305	13,270	5.23	694	13	10,980	4.63	508	9-72		35	394	.08	27	39
13-14-0108	2839658	577474	9-70	1	305	13,260	5.08	674	13	10,980	4.63	508	9-72		35	394	.07	26	38
13-14-0108	2839663	596832	10-70	1	301	13,360	5.31	709	39	11,100	4.72	524	1-73		32	504	-.02	23	40
13-14-0170	2637984	571382	10-65	6	303	13,550	4.57	619	21	11,405	4.95	564	3-73		44	766	-.21	17	45
13-14-0170	2692965	571382	9-66	4	305	14,950	4.43	662	10	11,815	4.88	576	7-72		43	891	-.23	21	54
13-14-0170	2692970	571382	10-66	5	272	13,662	4.67	638	17	10,950	4.93	540	11-72		44	828	-.19	22	52
13-14-0170	2731289	577474	10-67	4	304	13,468	5.05	680	28	11,865	4.89	580	11-72		43	437	.04	26	40
13-14-0170	2814044	609270	10-69	2	298	16,865	4.35	734	24	11,630	5.00	581	1-73	H	38	726	-.12	24	50
13-14-0170	2851631	577474	9-70	1	305	14,760	4.44	656	20	11,510	4.86	559	9-72		35	475	-.03	21	37
13-14-0188	2789550	610058	3-69	2	305	13,925	4.57	636	13	8,820	5.00	441	11-72		29	817	-.08	32	60
13-14-0202	2572362	546137	11-64	7	299	11,489	4.44	510	53	9,299	5.26	489	12-72		44	504	-.05	20	37
13-14-0202	2704641	577474	11-66	4	298	11,680	5.63	657	39	9,298	5.27	490	5-72		43	470	.09	32	46
13-14-0202	2726903	583958	8-67	4	305	11,690	4.80	561	62	9,128	5.32	486	10-72		44	538	-.09	18	37
13-14-0202	2726904	583958	9-67	4	300	10,315	5.82	600	58	9,003	5.28	475	9-72		44	380	.05	24	36
13-14-0202	2803273	583958	6-69	2	294	11,845	4.61	546	61	8,755	5.12	448	8-72		40	542	-.09	18	37
13-14-0212	2536200	577474	8-63	6	305	13,557	4.79	650	17	10,782	5.24	565	11-72		44	572	-.03	25	44
13-14-0212	2723458	577474	7-67	3	305	11,137	5.84	650	13	10,017	5.07	508	7-72		42	325	.12	28	37
13-14-0212	2726944	577474	6-67	3	305	12,647	5.40	683	15	10,193	5.18	528	10-72		42	484	.06	30	45
13-14-0214	2544395	588001	8-63	7	304	13,156	5.05	664	15	10,753	5.05	543	9-72		36	425	.02	23	37
13-14-0316	2741383	557682	3-67	4	305	14,520	4.64	674	27	10,488	5.16	541	11-72		42	743	-.15	22	49
13-14-0316	2856975	583958	2-70	1	293	15,070	3.89	586	24	10,710	4.93	528	10-72		36	600	-.16	14	36
13-14-0322	2776672	577474	11-68	3	289	12,287	5.05	620	29	10,283	4.75	488	9-72	H	42	434	.06	27	40
13-14-0329	2542521	577958	11-63	7	304	15,140	4.52	684	32	10,319	5.22	539	2-72		43	746	-.18	19	46
13-14-0329	2542523	588103	11-63	5	305	13,264	5.34	708	26	10,500	5.21	547	1-72		38	518	.00	26	43
13-14-0329	2684550	563805	11-66	4	278	14,948	4.62	691	30	11,030	5.17	570	3-73		42	767	-.07	31	57
14-10-0002	2365856	546354	3-60	10	305	13,803	5.84	806	81	11,474	5.27	605	3-73		39	316	.17	32	40
14-10-0002	2509739	563805	12-62	7	302	12,467	5.40	673	93	11,301	5.27	595	3-72		43	430	.06	27	40
14-10-0002	2564140	572331	3-64	6	305	13,353	4.78	638	94	10,978	5.35	587	4-72		40	745	-.15	22	49
14-10-0002	2607022	557569	9-65	5	301	13,092	5.12	670	88	11,404	5.34	609	11-72		41	601	-.07	23	44
14-10-0002	2620724	563805	11-65	5	305	12,864	5.66	728	87	11,032	5.29	584	11-72		43	512	.10	35	50
14-10-0002	2715569	497574	6-67	4	305	11,535	5.68	655	82	10,390	5.41	562	8-72		43	459	.04	27	41
14-10-0002	2728875	606615	11-67	3	305	14,510	4.98	722	98	11,070	5.30	587	3-72		32	714	-.02	33	57
14-10-0002	2736706	606291	11-67	3	305	15,676	4.63	726	76	11,383	5.33	607	1-72		32	792	-.12	27	55
14-10-0002	2750244	606615	1-68	3	305	13,453	5.40	727	94	11,006	5.31	584	4-72		32	578	.05	34	52
14-10-0002	2750249	606615	2-68	4	305	13,480	4.93	664	87	11,040	5.32	587	3-73		34	600	-.04	26	46
14-10-0002	2751979	593816	3-68	3	305	13,213	5.68	750	80	10,526	5.30	558	6-72		42	502	.06	31	46
14-10-0002	2753977	606615	4-68	3	304	13,810	5.09	703	86	10,620	5.33	566	4-72		32	668	.00	33	55
14-10-0002	2759497	593816	5-68	3	300	12,226	6.24	763	75	10,996	5.36	589	4-73		42	343	.13	30	39
14-10-0002	2762646	593816	6-68	3	305	13,006	5.41	704	84	10,586	5.35	566	1-73		42	472	.02	25	40
14-10-0002	2762647	593816	5-68	3	305	15,153	5.23	793	81	10,176	5.40	549	7-72		42	760	-.01	37	62
14-10-0002	2762651	606615	6-68	3	305	13,410	5.80	778	84	11,243	5.33	599	2-73		32	546	.12	39	55
14-10-0002	2763314	606615	8-68	2	305	14,460	5.83	843	87	10,565	5.40	570	12-71		29	705	.12	47	68
14-10-0002	2763317	600211	8-68	2	305	13,135	5.61	737	92	11,420	5.32	607	2-72		39	369	.08	26	37
14-10-0002	2769098	606615	10-68	3	305	16,126	5.16	832	77	11,226	5.32	597	3-73		32	915	.02	47	77
14-10-0002	2769106	593816	11-68	2	305	13,525	5.94	804	90	11,425	5.30	606	2-72		40	423	.09	30	42
14-10-0002	2779590	606615	12-68	3	304	13,243	4.96	657	88	11,260	5.36	603	1-73		32	522	-.04	22	40
14-10-0002	2782858	597754	2-69	2	305	14,885	5.16	768	103	11,005	5.33	587	3-72		29	549	.04	31	48
14-10-0002	2782864	606615	3-69	2	305	14,885	5.05	752	94	10,690	5.37	574	4-72		29	744	-.01	36	60
14-10-0002	2782867	610259	3-69	2	305	14,200	5.22	741	87	10,115	5.46	552	8-72		25	536	-.01	26	44
14-10-0002	2782868	610058	3-69	2	305	12,580	5.17	650	98	10,865	5.35	581	4-72		29	456	-.02	21	36
14-10-0002	2792341	606615	5-69	2	305	12,690	5.57	707	94	10,290	5.41	557	7-72		29	520	.06	32	48
14-10-0002	2792343	610058	6-69	2	305	13,850	4.54	629	92	10,205	5.42	553	7-72		29	674	-.12	21	45
14-10-0002	2795356	610058	6-69	2	305	11,665	5.94	693	85	10,045	5.47	549	7-72		29	425	.08	29	42
14-10-0002	2798921	608205	8-69	2	305	14,055	4.87	684	89	10,135	5.47	554	8-72		29	551	-.08	19	38
14-10-0002	2798922	611013	8-69	2	305	14,700	5.34	785	98	10,510	5.46	574	11-72		25	560	.02	30	48
14-10-0002	2798923	610058	8-69	2	305	12,920	5.26	680	93	10,190	5.47	557	9-72		29	563	-.02	26	45
14-10-0002	2800183	610058	6-69	2	305	14,440	5.16	745	85	10,050	5.45	548	8-72		29	760	-.03	35	60

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVG MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
14-10-0002	2810192	593816	11-69	1	305	14,870	5.50	818	81	10,220	5.48	560	7-72		35	541	.01	28	$ 45
14-10-0002	2810200	611013	12-69	1	305	15,130	5.36	811	100	11,000	5.45	599	2-72		19	424	.02	23	37
14-10-0002	2810201	572331	12-69	2	304	12,225	5.27	644	84	11,115	5.38	598	3-73		35	560	-.08	20	40
14-10-0002	2810206	600211	1-70	2	305	14,240	5.44	774	97	11,185	5.40	604	1-73		39	503	.05	30	46
14-10-0002	2818672	610058	1-70	1	305	13,850	5.21	722	82	10,120	5.48	555	7-72		23	581	-.02	27	46
14-10-0002	2835915	606615	8-70	1	305	13,540	5.18	702	84	10,220	5.46	558	8-72		24	542	.00	27	45
14-10-0002	2839160	602658	11-70	1	305	14,240	4.94	703	104	10,900	5.39	588	11-72		35	755	-.19	18	46
14-10-0002	2839161	602658	11-70	1	303	17,940	5.09	914	100	10,960	5.39	591	12-72		35	1,034	-.17	34	71
14-10-0002	2844605	572331	11-70	1	305	13,360	5.25	701	103	11,130	5.37	598	12-72		31	640	-.09	23	45
14-10-0002	2844612	602658	12-70	1	305	15,350	5.21	800	100	10,960	5.39	591	12-72		35	836	-.16	25	55
14-10-0002	2844617	602658	1-71	1	305	15,930	4.87	776	84	11,360	5.33	606	2-73		35	856	-.20	22	53
14-10-0002	2847862	608878	1-71	1	303	14,580	5.23	762	61	11,370	5.29	602	3-73		23	440	.03	25	39
14-10-0002	2847866	602658	1-71	1	305	14,840	4.92	730	64	11,380	5.32	605	3-73		35	771	-.19	19	47
14-10-0002	2853097	608878	2-71	1	305	14,590	4.91	716	61	11,370	5.29	602	3-73		23	441	-.01	21	36
14-10-0008	2630981	546137	9-63	6	302	11,455	4.93	565	9	9,767	5.02	490	2-72		44	450	.05	27	41
14-10-0008	2630985	571382	1-66	6	294	11,555	4.87	563	10	9,807	5.32	522	3-73		44	673	-.19	14	39
14-10-0013	2692622	588474	11-66	4	250	13,683	4.58	626	7	10,750	5.06	544	1-72	B	37	585	-.13	16	37
14-10-0126	2638759	571382	10-65	6	294	14,132	4.49	634	23	10,810	5.02	543	4-73		44	904	-.23	21	54
14-10-0126	2698481	571382	9-66	5	305	12,576	4.91	618	28	10,428	5.09	531	4-73		44	741	-.17	20	47
14-10-0126	2761080	606736	2-68	4	305	12,330	5.14	634	27	9,932	5.21	517	4-73		35	514	.00	25	42
14-10-0126	2788747	583958	11-68	3	305	14,577	4.84	706	26	10,493	4.98	523	4-73		42	728	-.06	30	55
14-10-0126	2797960	583958	11-68	3	305	12,697	4.88	620	28	10,760	4.94	532	3-73		42	487	-.05	19	36
14-10-0126	2815684	606736	11-69	2	295	13,635	4.36	595	27	9,485	5.21	494	11-72		31	659	-.13	20	44
14-10-0126	2853120	608927	10-70	1	305	12,130	5.85	709	14	7,940	5.35	425	8-72		32	414	.04	24	37
14-10-0126	2853461	602658	2-71	1	305	10,770	5.48	590	19	8,820	5.14	453	3-73		35	617	-.13	18	40
14-10-0311	2771144	571382	7-68	3	305	11,680	5.55	648	13	9,930	5.19	515	11-72		42	668	-.08	25	48
14-10-0327	2658364	571382	11-65	6	294	11,077	4.54	503	26	8,740	5.06	442	8-72		44	722	-.21	15	42
14-10-0327	2699015	571382	8-66	5	298	13,000	4.35	565	22	8,930	5.08	454	5-72		44	953	-.24	22	57
14-10-0327	2717509	571382	1-67	4	298	12,685	4.83	613	25	8,680	5.08	441	9-72		43	921	-.17	28	61
14-11-0302	2781391	592073	8-68	3	304	11,966	5.37	642	20	8,030	5.24	421	9-72		42	445	.13	35	47
14-12-0003	2643030	571382	11-65	5	299	11,868	5.00	593	31	9,774	5.15	503	3-73		44	717	-.15	20	46
14-12-0003	2682124	602215	8-66	5	304	14,498	4.31	625	36	9,878	5.13	507	12-72		32	749	-.17	20	47
14-12-0064	2498674	579169	11-62	9	283	11,837	5.47	648	16	9,973	5.05	504	11-72		39	376	.11	29	40
14-12-0064	2728025	571382	10-67	4	298	11,883	4.49	533	33	8,940	5.34	477	10-72		43	796	-.24	15	45
14-12-0070	2788331	571382	8-66	4	301	12,458	4.71	587	5	9,998	5.01	501	1-72		43	762	-.18	19	47
14-14-0192	2862336	604694	1-71	1	305	11,420	5.39	616	6	8,660	4.73	410	3-73		35	476	.05	28	43
14-14-0270	2410202	592331	8-60	8	287	14,828	4.84	718	19	10,536	5.15	543	4-72	B	32	718	-.04	31	55
14-14-0270	2587213	563805	9-64	6	284	12,877	5.06	652	26	10,890	5.11	556	4-72	B	43	528	.02	28	45
14-14-0270	2590983	596960	9-63	7	275	13,126	5.29	695	13	11,074	5.06	560	6-72	B	36	475	.08	31	45
14-14-0291	2700597	584458	11-66	4	263	11,618	5.45	633	8	9,848	5.04	496	6-72		43	464	.02	25	40
14-17-0041	2777256	605897	12-68	3	302	11,983	5.21	624	8	9,460	5.07	480	12-72		39	566	.01	29	47
14-18-0012	2762835	571382	7-67	4	300	10,210	4.71	481	30	8,135	5.36	436	9-72		43	668	-.21	12	37
14-18-0012	2776350	602500	12-68	3	296	10,897	6.21	677	21	8,687	5.24	455	11-72		32	337	.18	34	42
14-18-0040	2809689	604694	11-69	1	305	14,890	3.96	590	18	9,530	4.82	459	12-72		35	689	-.11	23	47
14-18-0040	2815531	604694	10-69	1	282	12,640	4.27	540	16	9,650	4.77	460	2-73		35	509	-.06	19	37
15-14-0145	2282010	539871	8-58	5	305	14,660	5.23	767	20	11,024	5.21	574	3-72		37	550	.07	34	51
15-14-0145	2565304	534585	2-64	6	305	13,958	5.10	712	14	9,993	5.44	544	8-72		44	481	-.01	23	39
15-14-0145	2746188	604694	12-67	3	305	13,503	5.21	703	13	11,433	5.40	617	7-72		41	540	-.01	26	44
15-14-0145	2771067	604694	9-68	3	305	13,690	5.54	759	20	11,230	5.44	611	1-73		41	581	.04	33	51
15-14-0145	2771069	604694	10-68	2	305	13,560	5.58	756	23	11,385	5.38	613	1-72		39	526	.05	31	47
15-14-0145	2846864	604694	2-70	1	305	15,080	5.56	838	18	11,220	5.38	604	3-73		35	600	.03	33	52
16-06-0077	2433769	553236	1-61	9	304	11,681	5.36	626	37	10,060	5.12	515	9-72		42	422	.08	29	41
16-06-0077	2541191	546137	8-63	7	305	13,986	5.23	731	28	10,490	5.04	529	1-72		44	705	.09	44	66
16-06-0077	2630640	546137	4-64	6	305	11,907	4.49	535	29	10,128	5.06	512	11-72		44	472	-.02	21	37
16-06-0077	2630641	546137	5-64	6	305	11,195	5.80	649	26	10,115	5.08	514	1-73		44	380	.17	35	45
16-06-0077	2649483	607532	8-63	5	302	13,524	4.91	664	36	10,704	5.01	536	3-72		32	490	-.01	23	39
16-06-0077	2694375	546137	7-66	4	304	11,730	4.94	579	29	10,183	4.91	500	8-72		43	436	.06	27	40
16-06-0077	2701738	571382	2-66	5	305	15,218	4.19	637	30	10,322	5.00	516	2-73		44	1,097	-.29	24	65
16-06-0077	2738609	571382	3-67	3	305	12,883	4.44	572	34	11,173	5.06	565	3-72		42	692	-.23	11	37
16-06-0077	2738613	546137	6-67	3	305	12,057	5.29	638	26	10,557	4.97	525	5-72		42	431	.10	31	44
16-06-0077	2746782	571382	7-67	3	305	11,957	4.67	558	36	10,280	5.12	526	12-72		42	667	-.20	13	38
16-06-0077	2876546	596832	10-70	1	305	13,630	4.52	616	20	9,880	5.02	496	3-73		32	604	-.13	17	39
16-12-0037	2548883	594846	9-63	8	301	13,500	4.50	607	15	9,317	5.13	478	1-73		42	643	-.13	19	42
16-12-0138	2660107	571382	11-65	4	289	12,273	4.37	536	7	8,355	5.19	434	3-72	B	43	903	-.25	19	53
16-12-0217	2847482	592073	8-70	1	305	12,650	5.03	636	8	8,220	5.18	426	11-72		35	336	.11	27	36
16-14-0022	2504663	583958	8-61	8	305	12,981	5.10	662	8	9,194	5.34	491	3-73		44	708	-.04	31	55
16-14-0022	2777994	583958	1-69	2	305	11,415	5.05	577	14	8,670	5.19	450	8-72		40	505	-.04	21	38
16-14-0022	2784338	583958	11-68	2	305	13,985	4.47	625	11	9,560	5.21	498	3-72		40	694	-.12	22	47
16-14-0022	2842017	583958	8-70	1	305	13,360	4.94	660	14	9,410	5.22	491	10-72		36	550	-.05	22	41
16-16-0123	2657553	571382	6-65	5	303	11,294	4.98	563	7	10,184	5.15	524	12-72		44	599	-.16	14	36
16-16-0123	2657557	571382	10-65	8	302	13,964	4.33	605	6	10,362	5.01	519	6-72		44	929	-.25	20	55
16-16-0123	2727936	571382	11-66	4	300	12,743	4.75	605	7	10,948	5.17	566	10-72		43	703	-.20	15	41
21-06-0729	2873175	589166	7-70	1	283	13,600	4.31	586	23	8,350	5.01	418	11-72		33	554	-.04	23	42
21-10-0061	2788981	583958	12-68	3	305	16,323	5.08	825	16	10,440	5.02	524	12-72		42	933	-.02	44	75
21-10-0061	2788984	592073	12-68	3	305	15,173	4.69	712	17	10,553	5.06	534	2-73		42	583	.04	33	51
21-10-0061	2874976	583958	7-70	1	305	14,160	4.53	641	18	10,810	4.89	529	12-72		36	527	-.08	18	37
21-10-0062	2735459	577474	10-67	4	300	10,863	5.95	646	31	9,788	5.28	517	10-72		43	320	.13	28	37
21-10-0062	2794048	604623	12-68	3	305	15,543	4.66	725	13	10,136	4.95	502	3-73		39	607	-.05	25	46
21-10-0174	2716867	585348	12-66	5	304	14,346	4.45	638	16	10,788	5.27	569	1-73		44	623	-.16	15	38
21-10-0174	2751066	577474	10-67	4	305	15,593	4.75	740	16	10,710	5.17	554	12-72		43	817	-.04	36	63
21-10-0379	2359427	553901	8-59	10	305	12,824	5.06	649	103	9,162	5.39	494	2-72		38	603	-.01	29	49
21-10-0379	2404291	553904	8-60	9	305	13,151	6.08	799	99	9,092	5.40	491	8-72		41	585	.22	51	67
21-10-0379	2504268	553904	8-62	8	300	11,379	5.32	605	91	8,836	5.49	485	6-72		41	368	.07	25	36
21-10-0379	2512519	553904	10-62	8	304	11,770	5.55	653	68	9,500	5.44	517	4-72		41	349	.11	28	38
21-10-0379	2566693	553904	4-64	7	305	12,629	5.78	730	94	9,211	5.46	503	10-72		41	500	.15	40	54

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-10-0379	2565696	562315	4-64	7	305	11,913	5.70	679	118	9,296	5.54	515	1-73	44	377	.07	25	$ 36
21-10-0379	2572353	557682	7-64	6	305	12,882	4.63	597	96	9,605	5.40	519	9-72	43	640	-.17	15	39
21-10-0379	2558332	553904	11-65	5	305	11,830	5.49	650	91	8,798	5.56	489	1-72	41	435	.09	30	43
21-10-0379	2672619	553904	2-66	6	302	13,577	5.86	795	89	9,338	5.57	520	11-72	41	616	.17	47	64
21-10-0379	2672622	553904	2-66	6	299	11,618	5.90	685	105	8,930	5.59	499	10-72	41	391	.15	34	44
21-10-0379	2718266	602658	12-66	5	304	12,814	4.59	588	85	9,708	5.36	520	3-73	43	832	-.24	17	48
21-10-0379	2728143	607022	7-67	4	305	13,168	5.51	725	118	9,673	5.50	532	12-72	33	468	.08	31	45
21-10-0379	2736520	553904	9-67	4	305	11,873	5.45	647	109	9,070	5.57	505	11-72	40	393	.08	27	39
21-10-0379	2768325	606736	5-68	3	305	11,600	5.20	603	127	8,980	5.51	495	7-72	34	497	-.03	22	39
21-10-0379	2769632	553904	10-68	3	304	12,290	5.73	704	103	9,437	5.54	523	12-72	38	388	.12	31	42
21-10-0379	2783303	606736	8-68	3	305	12,943	5.43	703	119	9,513	5.51	524	1-73	34	618	.01	32	52
21-10-0379	2784528	604694	10-68	2	210	12,520	6.30	789	147	9,340	5.57	520	1-73 B	39	588	.13	42	59
21-10-0379	2788325	553904	12-68	2	298	13,070	5.31	694	127	8,320	5.50	458	7-72	36	527	.07	33	49
21-10-0379	2791230	604694	1-69	3	305	13,393	5.20	697	99	9,693	5.45	528	2-73	41	690	.00	34	57
21-10-0379	2813517	608657	8-69	2	305	13,185	4.82	635	176	8,560	5.61	480	8-72	31	645	-.13	19	42
21-10-0379	2817492	602658	1-70	2	305	13,695	4.72	646	132	9,470	5.60	530	1-73	39	886	-.23	20	53
21-10-0379	2817935	604694	11-69	2	305	13,145	5.48	721	74	9,850	5.41	533	4-73	39	610	.04	34	53
21-10-0379	2817939	592073	10-69	2	305	12,380	5.64	698	140	9,380	5.59	524	12-72	40	324	.14	30	38
21-10-0379	2822451	612364	10-69	2	304	14,260	5.36	764	176	8,725	5.63	491	9-72 B	30	727	.00	36	60
21-10-0379	2837413	604694	4-70	1	305	16,260	5.38	875	196	9,140	5.60	512	10-72	35	817	.02	42	68
21-10-0379	2837418	553904	4-70	2	305	13,300	5.31	706	82	9,970	5.42	540	3-73	36	409	.07	27	39
21-10-0379	2840987	612364	10-70	1	305	13,200	5.44	718	189	8,730	5.66	494	9-72	24	476	.00	24	39
21-10-0379	2846461	597562	7-70	1	305	17,110	4.24	726	131	10,150	5.59	567	1-73	35	657	-.21	11	36
21-10-0379	2847634	604427	8-70	1	305	13,960	5.17	722	199	9,120	5.61	512	10-72	28	426	.01	22	36
21-10-0379	2848247	553904	9-70	1	305	13,000	5.58	725	163	8,660	5.57	482	9-72	31	375	.10	28	39
21-10-0379	2853679	608927	11-70	1	305	16,900	4.71	796	153	9,940	5.63	560	12-72	32	668	-.10	23	46
21-10-0379	2853682	602658	1-71	1	305	13,420	4.92	660	196	8,750	5.66	495	9-72	35	824	-.20	20	50
21-10-0379	2859613	608927	11-70	1	305	14,410	5.42	781	192	8,730	5.65	493	9-72	32	846	-.01	26	44
21-10-0379	2859620	613291	2-71	1	305	15,570	4.69	730	153	9,940	5.63	560	12-72	24	598	-.08	22	43
21-12-0101	2726295	583958	10-67	4	300	11,575	5.24	607	23	9,198	5.12	471	11-72	44	517	-.01	25	42
21-12-0101	2752597	583958	10-67	3	298	12,880	4.99	643	22	9,067	5.10	462	8-72	42	664	-.04	29	51
21-12-0101	2785563	574994	3-69	2	305	14,645	5.07	742	26	9,825	5.04	495	12-72	38	509	.01	26	43
21-12-0101	2810656	583958	7-69	2	305	13,355	4.55	608	17	9,280	5.15	478	1-73	40	652	-.10	22	45
21-12-0101	2810661	583958	10-69	2	305	12,730	4.74	604	22	9,365	5.06	474	10-72	40	582	-.07	22	42
21-12-0183	2858329	593816	1-70	2	299	15,855	4.36	692	17	11,365	4.87	554	12-72	40	666	-.10	23	46
21-12-0389	2716068	592073	3-67	4	259	12,612	4.96	625	27	9,622	4.65	447	10-72 B	43	395	.13	32	43
21-12-0389	2813900	583958	11-69	1	155	13,760	4.87	670	27	9,940	4.68	465	10-72 B	36	549	-.03	24	42
21-12-0454	2725008	577474	9-67	4	298	12,790	4.25	544	28	10,085	4.95	499	10-72	43	530	-.09	17	36
21-12-0494	2756703	583958	3-68	3	300	12,873	4.62	595	24	9,827	4.95	486	9-72	42	593	-.08	21	42
21-12-0496	2730475	604716	12-67	4	305	15,387	4.56	702	11	11,787	5.07	598	4-73	33	743	-.13	24	50
21-12-0496	2773948	604716	12-68	3	302	13,436	5.29	711	12	12,116	4.99	604	1-73	32	408	.04	24	37
21-12-0496	2776526	604716	1-69	3	304	14,776	4.58	677	12	11,973	5.02	601	1-73	32	607	-.10	20	41
21-12-0496	2847730	604694	2-71	1	305	14,430	4.64	669	17	12,010	4.86	584	2-73	35	502	-.03	22	39
21-12-0672	2750179	583958	3-68	3	303	12,287	4.60	565	25	9,657	5.05	488	4-72	42	541	-.10	17	36
21-12-0672	2789348	546137	4-69	2	301	11,300	5.17	584	39	9,715	5.00	486	11-72	40	405	.08	28	40
21-12-0672	2833181	605897	6-69	2	305	12,230	4.55	556	36	9,935	4.97	494	10-72	37	524	-.07	19	37
21-12-0672	2838710	583958	6-70	1	305	13,460	4.58	616	31	9,760	4.98	486	10-72	36	537	-.08	19	38
21-12-0672	2855834	583958	11-69	2	305	12,685	4.90	622	27	9,875	5.07	501	11-72	40	536	-.06	21	39
21-12-0700	2640108	594149	11-65	6	303	13,823	4.12	569	18	10,342	4.86	503	12-72	36	665	-.21	12	37
21-12-0700	2828727	594149	10-65	3	304	13,670	4.30	588	16	10,103	4.77	482	11-72	33	617	-.16	15	30
21-13-0395	2719635	571382	4-67	4	295	13,140	4.49	590	7	9,885	4.91	485	2-73	43	858	-.21	21	52
21-14-0296	2516870	593344	1-63	7	303	14,010	5.55	778	31	10,813	5.24	567	4-72	32	553	.10	37	54
21-14-0296	2706481	601815	8-66	4	305	14,153	5.21	738	30	10,028	5.36	538	8-72	30	648	.01	33	54
21-14-0296	2720424	604434	3-67	4	299	14,380	4.81	691	24	11,065	5.23	579	3-72	35	543	-.09	18	37
21-14-0296	2731888	602971	8-67	4	303	13,575	4.76	646	33	9,535	5.26	502	7-72	35	530	-.06	20	38
21-14-0296	2735361	577474	8-67	4	305	12,278	5.72	702	37	10,363	5.22	541	12-72	43	438	.12	33	46
21-14-0296	2735364	583958	10-67	4	305	12,613	5.13	647	36	10,110	5.29	535	11-72	44	555	-.05	23	42
21-14-0296	2767499	583958	8-68	3	305	15,233	4.69	714	27	9,887	5.11	505	1-73	42	859	-.09	33	63
21-14-0296	2774065	571382	8-68	2	305	14,555	4.29	624	24	10,330	4.92	508	2-72	40	916	-.24	21	55
21-14-0296	2778863	583958	10-68	2	305	13,295	4.67	621	53	10,410	5.09	530	6-72	40	555	-.09	19	38
21-14-0296	2783406	010132681	8-68	3	305	13,700	4.71	645	36	10,227	5.21	533	1-73	29	520	-.08	18	36
21-14-0296	2786967	606445	10-68	2	305	14,040	4.85	681	38	10,250	5.27	540	11-72	36	514	-.04	21	39
21-14-0296	2828310	010132114	10-68	2	305	15,390	4.37	673	34	10,410	5.23	544	5-72	30	697	-.13	21	46
21-14-0296	2828323	010132114	8-66	4	305	12,605	5.66	713	37	10,087	5.24	529	11-72	35	462	.09	32	46
21-14-0296	2843111	583958	7-70	1	305	12,100	4.98	602	30	8,850	5.23	463	8-72	36	490	-.05	19	36
21-14-0296	2897641	583958	12-70	1	305	14,790	4.74	701	33	9,500	5.24	498	12-72	36	652	-.08	24	47
21-16-0285	2585155	010126479	7-60	5	305	16,324	5.29	863	13	10,058	5.53	556	2-73	32	1,016	.02	52	85
21-16-0285	2716709	601933	11-66	4	303	14,160	5.10	722	16	8,975	5.50	494	8-72	35	816	-.06	34	62
21-19-0361	2715079	563805	4-67	4	305	11,478	5.05	580	13	9,580	5.00	479	9-72	42	474	.04	27	42
21-19-0384	2716476	563805	4-67	4	295	11,240	5.33	599	11	9,240	4.99	461	7-72	42	478	.07	31	45
21-19-0384	2716478	563805	5-67	4	304	11,970	4.43	530	10	9,198	5.02	462	7-72	42	575	-.06	22	42
21-19-0384	2716487	606291	8-67	4	299	11,927	5.40	644	22	10,502	4.97	522	1-73	34	394	.07	26	38
21-19-0384	2801348	563805	9-69	2	296	11,255	4.99	562	10	9,190	4.89	449	10-72	38	453	.03	25	39
21-22-0294	2498677	571291	12-62	8	279	14,614	4.65	680	15	10,670	5.14	548	2-73	44	644	-.04	28	50
21-22-0294	2516869	571291	12-62	2	305	12,160	5.71	694	19	9,790	5.03	492	2-73	40	353	.13	30	40
21-26-0789	2682950	602636	8-66	4	305	14,700	4.61	677	21	11,467	4.98	571	5-72	37	647	-.14	18	41
21-26-0789	2731572	585348	9-67	3	305	13,897	4.76	661	15	10,853	5.07	550	1-73	42	515	-.08	18	36
21-26-0124	2768327	583958	5-68	3	304	11,290	5.15	581	34	8,853	4.82	427	7-72	42	501	.00	25	41
21-30-0358	2644332	540082	12-61	2	305	12,790	5.10	652	34	8,820	4.92	434	3-73	30	414	.05	25	38
21-30-0358	2685698	584584	10-65	2	300	11,450	5.61	642	53	8,600	4.91	422	1-73	31	366	.11	29	39
21-30-0358	2694623	584584	2-66	2	305	15,590	5.21	812	63	8,685	4.95	430	11-72	31	842	.06	48	75
21-30-0358	2739088	546449	8-66	2	305	14,725	4.90	722	54	8,820	4.93	435	2-73	32	635	.00	31	52
21-30-0358	2847830	611374	8-70	1	305	12,440	5.15	641	54	8,390	5.07	425	12-72	23	502	.00	25	41
21-30-0358	2847842	611374	11-70	1	305	14,320	4.71	675	32	8,340	5.04	420	2-73	23	676	-.04	29	52
21-35-0398	2776301	583958	11-68	3	305	12,623	4.43	559	7	8,917	4.92	439	12-72	42	648	-.11	21	44

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-35-0512	2858282	602658	1-71	1	292	12,290	4.13	507	7	9,150	4.79	438	2-73		35	713	-.23	12	$ 39
21-35-0574	2642048	563945	1-64	5	301	12,958	4.83	626	19	10,534	4.81	507	11-72		43	516	-.08	18	36
21-40-0115	2702639	571382	8-66	5	299	12,150	4.53	550	13	10,050	4.92	494	3-73		44	725	-.21	15	42
21-42-0398	2692330	585348	11-66	4	301	14,120	4.62	652	19	10,395	5.23	544	4-73		43	612	-.11	19	41
21-42-0398	2752754	604181	1-68	3	298	13,200	5.61	741	24	10,303	5.21	537	7-72		32	496	.13	37	51
21-42-0398	2758315	604181	3-68	2	305	12,615	5.68	716	21	10,150	5.23	531	1-72		29	395	.12	31	42
21-42-0398	2779203	604181	11-68	3	302	13,193	5.93	783	21	10,843	5.17	561	1-73		32	436	.19	40	51
21-42-0398	2788113	604181	12-68	2	285	13,270	5.57	739	13	10,925	5.22	570	3-72	H	29	400	.10	30	41
21-42-0398	2802556	583958	11-69	2	305	15,385	5.02	772	35	10,735	5.30	569	10-72		40	740	-.06	31	56
21-42-0398	2879560	583958	11-69	2	299	14,400	4.30	619	38	11,120	5.30	589	11-72		40	609	-.16	14	36
21-42-0508	2580998	593630	9-64	6	304	12,626	4.79	605	30	9,903	5.20	515	9-72		36	525	-.06	20	38
21-42-0508	2680114	577388	9-66	5	305	13,264	5.09	675	41	10,360	5.14	532	11-72		43	412	.06	26	39
21-42-0508	2785434	583958	10-68	3	305	13,423	5.05	678	43	10,153	5.22	530	9-72		42	626	-.05	26	47
21-42-0508	2787289	583958	2-69	2	305	14,475	4.77	690	23	10,200	5.04	514	5-72		40	691	-.07	27	51
21-45-0894	2826247	583958	10-68	3	305	12,637	4.54	574	47	8,813	5.13	452	10-72		42	659	-.11	22	45
21-45-0894	2826258	583958	9-69	2	296	11,755	4.99	586	52	8,745	5.15	450	9-72		40	533	-.04	22	40
21-45-0894	2826267	583958	11-69	2	305	14,230	4.58	652	10	9,845	5.05	497	2-73		40	695	-.09	25	49
21-45-0894	2826274	583958	3-70	1	291	12,410	4.39	545	53	8,190	5.14	421	9-72		36	552	-.10	17	37
21-45-0894	2909159	583958	11-70	1	286	12,390	4.38	543	53	8,190	5.14	421	9-72		36	551	-.10	17	37
21-48-0116	2301993	577008	1-59	7	300	13,106	5.44	713	12	10,300	5.12	527	1-72		32	475	.09	32	46
21-48-0116	2811195	604694	6-69	2	297	11,825	5.73	677	22	9,795	5.03	493	11-72		39	478	.10	33	47
21-48-0116	2811203	604694	1-70	2	285	11,730	5.58	654	14	10,340	4.98	515	12-72		39	423	.07	28	41
21-49-0547	2737066	577474	7-67	3	305	14,317	4.57	654	12	11,410	5.19	592	4-72		42	565	-.07	21	41
21-52-0140	2605103	585355	8-65	4	305	10,975	5.84	641	17	9,415	5.07	477	9-72		39	362	.13	31	41
21-52-0140	2682494	602574	8-66	4	305	14,773	4.37	646	32	10,745	4.99	536	1-72		35	753	-.16	21	48
21-52-0140	2682498	602574	10-66	3	305	14,217	4.52	643	34	10,550	5.00	527	3-73		33	662	-.13	20	44
21-52-0140	2706841	602574	3-67	4	305	13,583	4.75	645	27	10,045	4.95	497	9-72		35	664	-.08	25	48
21-52-0140	2847574	583958	3-69	2	305	14,570	4.17	607	28	9,645	5.01	483	7-72		40	746	-.16	21	48
21-52-0241	2534057	593061	4-63	8	300	13,794	5.24	723	19	10,590	5.37	569	9-72		41	559	-.02	26	45
21-52-0241	2744813	583958	9-67	3	301	13,610	5.07	690	16	11,550	5.30	612	9-72		42	519	-.06	20	38
21-52-0327	2858584	611816	5-70	1	305	13,550	4.95	671	18	8,810	5.04	444	9-72		19	440	.00	22	36
21-55-0016	2408828	553904	1-61	10	303	12,571	4.70	591	19	9,849	4.78	471	10-72		41	421	.03	24	37
21-55-0016	2484170	516388	9-61	1	305	15,490	4.34	672	17	9,740	4.68	456	5-72		30	521	-.08	18	36
21-55-0016	2748324	577474	8-67	3	305	11,717	4.58	537	17	9,297	4.73	440	7-72		42	459	-.01	22	37
21-55-0016	2748332	602283	6-66	5	305	13,500	4.10	554	22	9,786	4.71	461	11-72		43	645	-.19	13	37
21-55-0016	2806954	577474	11-68	2	305	12,800	4.82	617	18	10,370	4.71	488	9-72		40	453	.03	25	39
21-55-0016	2806970	571382	10-68	2	305	11,060	4.46	493	24	9,505	4.77	453	8-72		40	627	-.19	12	36
21-55-0016	2873176	593883	9-70	1	305	11,780	4.77	562	20	10,460	4.67	489	12-72		34	382	.08	27	38
21-55-0278	2778242	583958	11-68	3	305	12,390	4.92	610	28	10,113	5.06	512	9-72		42	511	-.05	20	38
21-55-0278	2819168	585350	9-69	2	305	11,725	5.65	663	96	9,070	5.28	479	8-72		40	384	.17	36	46
21-55-0278	2844342	585350	10-70	1	305	13,050	5.13	669	16	10,480	4.92	516	1-73		35	337	.15	31	40
21-55-0359	2721632	563945	11-66	4	294	12,030	4.92	592	52	8,620	5.07	437	12-72		42	580	-.09	20	40
21-55-0359	2832249	583958	7-69	2	305	11,350	5.32	604	44	7,660	5.13	393	9-72		40	580	-.01	28	47
21-55-0454	2642830	553904	7-65	4	242	12,365	5.38	665	38	10,000	5.23	523	6-72	B	40	360	.10	28	38
21-55-0454	2690860	601761	8-66	4	296	13,740	4.55	625	78	9,998	5.28	528	10-72		30	589	-.12	17	38
21-55-0454	2697105	577474	12-68	3	282	13,113	5.00	656	70	10,747	5.22	561	12-72		42	487	.00	24	40
21-55-0454	2773822	583958	6-68	3	304	14,323	4.62	662	62	10,673	5.25	560	12-72		42	682	-.12	22	46
21-55-0454	2806979	563945	3-68	3	302	14,557	4.37	636	76	10,147	5.22	530	11-72		41	706	-.20	15	41
21-55-0454	2812644	577474	7-69	2	305	13,910	5.10	709	80	10,185	5.30	540	9-72		40	582	.01	30	49
21-55-0454	2815049	583958	10-69	2	302	16,200	4.60	745	56	10,905	5.15	562	1-73		40	809	-.11	29	57
21-55-0454	2815286	577474	7-69	2	299	13,560	4.81	652	86	10,310	5.24	540	10-72		40	536	-.03	24	42
22-10-0050	2261846	482807	7-57	10	301	12,690	5.27	669	63	11,112	4.81	534	3-72		39	382	.08	27	38
22-10-0050	2492147	571382	7-62	8	302	12,310	4.48	552	78	10,770	4.89	527	3-72		44	671	-.21	12	37
22-10-0050	2525430	592247	1-63	7	305	13,044	4.87	635	87	10,880	4.84	527	10-72		36	528	.03	29	46
22-10-0050	2525434	573846	3-63	8	301	14,585	4.92	718	81	10,918	4.85	529	2-73		39	616	-.03	27	48
22-10-0050	2545325	592247	8-63	8	299	12,251	5.31	651	76	11,246	4.78	538	12-72		36	369	.12	30	40
22-10-0050	2576319	592247	5-64	7	298	13,354	5.14	687	86	10,789	4.86	524	9-72		36	585	.08	37	55
22-10-0050	2576322	571382	6-64	6	289	12,262	4.70	576	82	11,010	4.83	532	5-72		44	639	-.17	15	39
22-10-0050	2675873	571382	10-65	5	301	14,694	4.28	629	70	11,408	4.80	548	3-73		44	915	-.25	20	54
22-10-0050	2707787	573846	9-66	4	281	14,287	5.05	721	65	11,815	4.75	561	1-72	H	38	454	.01	23	38
22-10-0050	2707807	597911	8-66	5	305	14,962	4.26	638	65	12,114	4.70	569	2-73		35	594	-.13	16	38
22-10-0050	2714829	571382	11-66	4	305	13,715	4.43	608	68	11,615	4.78	555	6-72		43	758	-.21	16	44
22-10-0050	2729942	571382	12-67	4	294	12,915	4.99	644	57	11,855	4.76	564	11-72		43	634	-.11	20	43
22-10-0050	2729945	571382	7-67	4	305	13,803	4.54	627	72	11,248	4.81	541	2-73		43	805	-.20	20	49
22-10-0050	2770026	610047	8-68	3	295	15,080	4.15	626	82	11,680	4.73	552	1-73		32	665	-.16	17	41
22-10-0050	2770035	571382	7-68	2	288	14,160	4.87	690	78	11,905	4.68	557	6-72		40	747	-.14	23	50
22-10-0050	2770051	571382	9-68	3	296	13,943	5.08	708	65	11,767	4.78	563	11-72		42	760	-.10	27	54
22-10-0050	2770053	571382	10-68	2	305	15,100	4.68	707	70	11,665	4.74	553	9-72		40	863	-.17	25	56
22-10-0050	2770058	593883	11-68	3	305	13,436	4.35	585	76	12,103	4.68	567	12-72		41	461	.00	23	38
22-10-0050	2788128	610047	11-68	2	299	15,650	4.58	717	65	12,420	4.61	572	4-72		29	608	-.06	24	45
22-10-0050	2788134	571382	12-68	3	292	13,393	4.38	586	65	11,767	4.78	563	11-72		42	696	-.21	13	39
22-10-0050	2798696	571382	1-69	2	305	13,970	4.61	644	64	11,265	4.79	540	11-72		40	780	-.18	20	48
22-10-0050	2798701	571382	4-69	2	301	14,430	4.33	625	91	11,255	4.76	536	8-72		40	828	-.23	18	49
22-10-0050	2798709	571382	5-69	2	296	13,260	5.15	683	75	11,235	4.79	538	10-72		40	710	-.11	24	49
22-10-0050	2798720	571382	6-69	2	288	14,470	4.32	625	87	11,260	4.75	535	7-72		40	832	-.23	18	49
22-10-0050	2806595	583958	9-69	1	305	14,800	4.92	728	71	12,410	4.63	574	4-72		36	479	-.02	22	38
22-10-0050	2806609	609894	11-69	2	296	15,100	4.69	708	74	12,040	4.70	566	12-72		30	541	-.05	22	40
22-10-0050	2840954	602658	8-70	1	305	14,160	4.50	637	114	11,500	4.79	551	6-72		35	712	-.20	15	42
22-10-0050	2840956	602658	9-70	1	305	12,860	4.98	640	103	11,180	4.87	545	8-72		35	632	-.15	16	39
22-10-0050	2840957	602658	9-70	1	275	14,590	4.94	721	100	11,270	4.84	545	7-72		35	759	-.15	22	49
22-10-0050	2840961	602658	9-70	1	305	14,700	5.44	800	78	11,470	4.86	558	10-72		35	755	-.10	27	53
22-10-0050	2854144	602658	10-70	1	305	14,370	4.18	601	78	11,470	4.86	558	10-72		35	730	-.24	12	40
22-10-0050	2854145	602658	10-70	1	291	13,390	4.48	600	65	11,790	4.78	564	12-72		35	635	-.19	12	36
22-10-0050	2854146	602658	10-70	1	297	13,300	5.09	677	65	11,790	4.78	564	12-72		35	629	-.13	18	41
22-10-0050	2854148	602658	11-70	1	305	14,900	4.23	631	36	12,350	4.58	566	4-73		35	717	-.21	14	41

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
22-10-0050	2854149	602658	11-70	1	305	15,480	4.52	699	38	12,420	4.87	568	3-73		35	757	-.18	19	$ 47
22-10-0050	2854150	602658	11-70	1	305	13,390	4.51	604	78	11,470	4.86	558	10-72		35	655	-.20	12	37
22-10-0050	2854151	602658	11-70	1	305	12,740	4.98	635	78	11,470	4.86	558	10-72		35	605	-.15	15	37
22-10-0050	2854153	602658	11-70	1	299	14,800	4.15	614	65	11,790	4.78	564	12-72		35	743	-.24	13	41
22-10-0050	2854154	602658	11-70	1	305	14,390	4.52	651	36	12,350	4.58	566	4-73		35	678	-.18	15	40
22-10-0050	2854157	602658	12-70	1	305	13,270	4.93	654	78	11,470	4.86	558	10-72		35	646	-.16	16	40
22-10-0051	2608402	571382	7-65	5	302	12,660	4.73	599	33	10,900	5.06	552	5-72		44	703	-.19	16	42
22-10-0051	2608404	571382	7-65	4	305	13,975	4.60	643	33	10,600	5.02	532	4-72		43	891	-.21	23	55
22-10-0051	2638760	571382	10-65	6	283	12,722	4.68	595	34	10,697	5.12	548	12-72	B	44	732	-.20	16	43
22-10-0051	2638762	571382	9-65	5	286	12,816	4.53	581	35	10,424	5.13	535	11-72	B	44	773	-.23	15	44
22-10-0051	2638764	571382	8-65	6	300	12,293	4.80	590	37	10,080	5.10	514	8-72	B	44	741	-.18	19	46
22-10-0051	2683641	571382	7-66	5	274	11,944	4.84	578	34	10,676	5.10	545	11-72	B	44	633	-.17	14	37
22-10-0051	2706169	571382	5-67	4	280	11,498	4.89	562	39	10,378	5.01	520	11-72	B	43	605	-.16	14	36
22-10-0051	2715296	571382	1-67	4	301	12,560	4.49	564	38	10,298	4.97	512	8-72	B	43	745	-.22	15	43
22-10-0051	2767743	583958	6-68	3	301	13,603	4.72	642	25	10,607	4.89	519	6-72		42	605	-.07	23	44
22-10-0051	2781537	583958	9-68	3	304	12,993	4.57	594	38	10,310	4.90	505	8-72	B	42	562	-.09	19	39
22-10-0051	2781885	583958	9-68	1	165	11,920	5.50	656	36	9,540	5.05	482	12-72	B	36	435	.00	22	36
22-10-0051	2781889	583958	9-68	3	250	12,673	5.14	652	35	10,843	4.93	535	1-73	B	42	477	-.01	23	39
22-10-0051	2781890	583958	9-68	2	305	15,370	4.57	702	24	11,330	4.85	550	3-72		40	691	-.08	26	50
22-10-0051	2788745	583958	10-68	3	257	12,053	5.39	650	38	10,667	4.94	527	12-72	B	42	421	.02	23	36
22-10-0051	2788748	583958	11-68	3	247	13,790	4.92	679	37	10,643	4.93	525	1-73	B	42	623	-.04	27	40
22-10-0051	2815436	583958	7-69	2	272	12,610	5.08	641	36	10,190	4.87	496	10-72	B	40	503	-.01	24	41
22-10-0051	2815438	583958	7-69	1	305	15,810	4.41	697	30	12,410	4.86	603	2-72		36	554	-.10	18	38
22-10-0051	2815441	583958	9-69	2	262	13,610	4.67	636	41	10,800	4.89	528	10-72	B	40	555	-.07	21	40
22-10-0051	2815443	583958	9-69	2	224	13,470	4.82	649	35	10,060	4.95	498	1-73	B	40	601	-.06	24	45
22-10-0051	2838953	583958	8-70	1	305	14,300	4.54	649	26	10,370	4.98	516	7-72		36	563	-.09	19	39
22-10-0052	2482367	571382	7-62	9	302	12,006	4.33	520	15	10,278	4.95	509	9-72		44	683	-.24	10	36
22-10-0052	2613495	597911	12-64	6	305	14,198	4.87	691	17	11,002	4.84	533	5-72		35	613	-.02	28	48
22-10-0052	2618279	571382	12-65	6	304	13,435	4.48	602	14	11,368	4.86	552	2-73		44	755	-.21	16	44
22-10-0052	2672837	571382	9-66	5	297	12,364	4.41	546	14	10,404	4.90	510	7-72		44	719	-.22	13	40
22-10-0052	2718732	571382	8-67	3	305	12,440	4.57	569	15	11,047	4.95	547	3-72		42	652	-.20	12	37
22-10-0052	2728373	571382	11-67	4	301	13,675	4.23	579	16	11,498	4.89	562	2-73		43	764	-.26	12	41
22-10-0052	2771046	571382	12-68	3	305	12,960	4.58	593	16	11,510	4.93	567	12-72		42	670	-.20	13	38
22-10-0052	2771049	571382	12-68	3	305	13,197	4.53	598	11	11,647	4.87	567	4-73		42	684	-.20	14	40
22-10-0052	2798882	583958	9-69	2	305	13,740	5.21	716	22	11,640	4.91	571	1-73		40	500	.00	25	41
22-26-0088	2690747	571382	1-66	4	302	11,938	4.57	545	22	9,233	5.03	464	4-72		43	774	-.21	17	46
22-26-0088	2774855	608567	6-68	3	291	12,536	4.49	563	14	8,886	4.95	440	1-73		33	609	-.09	21	42
22-26-0088	2797080	608567	6-69	2	281	13,410	4.43	594	11	9,510	5.12	487	3-73		30	608	-.11	19	41
22-26-0152	2807530	608567	11-69	1	305	12,080	4.51	545	6	6,620	5.41	358	10-71		24	588	-.08	21	42
23-05-0152	2675551	584458	4-66	5	299	10,946	5.08	556	14	8,656	5.09	441	8-72		44	508	-.03	22	39
23-05-0152	2766197	584458	7-68	3	305	12,830	4.79	615	12	9,153	5.18	474	11-72		42	660	-.08	25	48
23-05-0152	2766204	584458	6-68	3	302	11,577	4.91	569	24	8,617	5.13	442	9-72		42	564	-.06	22	41
23-05-0152	2842756	584458	7-70	1	305	12,480	4.95	618	23	9,180	5.21	478	8-72		35	507	-.06	19	37
23-05-0152	2848609	585904	8-70	1	305	14,810	5.08	752	31	9,960	5.19	517	7-72		35	482	.00	24	40
23-05-0152	2851850	584458	9-70	1	305	12,170	5.22	635	24	9,080	5.20	472	7-72		35	489	-.03	21	37
23-06-0362	2700889	584458	7-65	5	305	11,330	4.72	535	7	9,108	4.72	430	12-72		44	511	-.05	20	38
23-06-0362	2813967	584458	5-67	2	305	12,985	4.95	643	15	10,615	4.47	475	12-72		40	512	.00	25	42
23-08-0035	2737043	571382	8-66	1	305	13,230	5.00	661	14	9,010	5.27	475	10-72		35	809	-.17	23	52
23-08-0035	2806064	583958	5-69	1	305	12,430	4.63	576	9	9,040	4.96	448	1-73		36	503	-.07	18	36
23-08-0035	2879876	571382	3-70	1	305	13,910	4.92	684	16	9,100	5.25	478	11-72		35	855	-.18	24	53
23-08-0067	2515495	567370	1-63	8	305	11,626	5.16	600	12	9,265	4.95	459	9-72		44	464	.02	25	40
23-08-0108	2671990	584458	5-66	6	302	12,793	5.07	649	5	10,308	5.12	528	4-73		44	577	-.04	25	44
23-08-0108	2769318	583958	10-68	3	304	14,617	4.06	593	23	10,540	5.23	551	11-72		42	728	-.21	15	42
23-08-0108	2777510	583958	11-68	3	302	13,143	4.68	615	22	10,557	5.23	552	1-73		42	587	-.11	17	37
23-08-0324	2637976	571382	6-65	5	305	12,648	4.63	586	22	9,616	5.24	504	4-72		44	835	-.22	19	50
23-08-0324	2753997	584458	2-68	4	305	12,103	5.11	619	20	9,888	5.08	502	4-73		43	520	-.03	23	40
23-08-0418	2682704	584458	3-66	5	296	11,480	5.04	579	25	8,438	4.94	417	8-72		44	600	-.03	27	47
23-08-0498	2808587	585350	10-69	2	299	11,850	5.27	624	26	9,630	4.92	474	9-72		40	381	.16	33	42
23-08-0676	2871776	602658	11-70	1	301	11,620	4.78	555	25	8,940	5.20	465	10-72		35	674	-.19	14	39
23-09-0424	2629035	546137	4-65	6	304	11,317	4.75	538	18	9,108	4.98	454	12-72		44	501	.02	27	43
23-09-0424	2775435	584458	2-67	4	301	11,430	5.21	596	21	9,890	4.87	482	12-72		43	436	.00	22	36
23-09-0911	2809531	571382	9-69	2	303	10,970	4.83	530	8	8,905	5.10	454	10-72		40	667	-.18	15	40
23-09-0911	2812361	571382	8-69	2	302	10,735	4.58	492	10	8,575	5.07	435	8-72		40	670	-.20	13	38
23-09-0923	2657969	571382	2-66	6	305	10,808	4.93	533	23	9,710	4.99	485	1-73		44	585	-.15	14	36
23-09-0923	2782251	585350	12-68	2	305	11,275	4.55	513	20	8,695	4.99	434	8-72		40	369	.07	25	36
23-20-0287	2567978	585301	10-61	8	305	11,179	5.54	619	17	8,649	5.28	457	8-72		35	369	.09	27	38
23-20-0287	2755550	580836	5-68	1	305	14,020	4.77	669	25	8,500	5.11	434	12-72		35	470	.01	24	39
23-20-0287	2851643	604694	8-70	1	305	12,470	4.34	541	25	8,640	5.09	440	1-73		35	558	-.07	21	40
23-20-0326	2846756	602658	7-70	1	305	11,720	4.44	520	27	8,020	4.99	400	12-72		35	738	-.20	16	43
23-21-0082	2729205	584458	11-67	1	305	12,840	4.34	557	6	8,670	5.14	446	2-72		35	565	-.12	16	36
23-21-0082	2729206	584458	11-67	2	305	13,280	4.68	621	6	8,300	5.40	448	12-72		40	731	-.11	25	51
23-21-0082	2753295	584458	4-68	2	301	12,790	4.29	549	6	8,970	5.33	478	12-72		40	626	-.16	15	38
23-22-0010	2576178	584458	12-64	6	296	12,098	5.18	627	38	10,283	4.97	511	4-72		44	489	.00	24	40
23-22-0010	2577574	584458	3-64	7	302	13,614	4.34	591	21	10,237	4.87	499	5-72		44	691	-.14	20	45
23-22-0010	2626881	584458	4-65	5	305	12,152	4.71	572	30	9,890	4.96	491	4-72		44	537	-.08	19	38
23-22-0010	2659153	584458	1-66	4	305	14,850	4.73	703	31	10,265	4.94	507	1-73		43	824	-.08	33	61
23-22-0010	2777103	571382	8-68	3	305	10,950	4.93	540	43	9,817	4.85	476	10-72		42	593	-.13	16	38
23-32-0003	2639785	584458	12-65	5	296	13,886	4.53	629	9	11,090	5.03	558	4-72		44	638	-.13	19	42
23-32-0003	2674422	584458	3-66	5	302	13,442	5.33	717	12	10,588	5.05	535	1-73		44	632	.02	33	53
23-32-0003	2724665	584458	4-67	4	301	12,110	5.22	632	17	10,455	5.16	539	9-72	H	43	464	-.02	21	36
23-32-0003	2745141	584458	11-67	4	302	13,283	4.68	621	17	10,395	5.13	533	11-72		43	616	-.11	20	42
23-32-0006	2653958	584458	2-66	4	301	12,093	4.80	580	12	9,920	4.77	473	1-72		43	515	-.05	21	39
23-32-0006	2833516	592584	7-70	1	305	11,730	4.96	582	9	7,280	4.86	354	11-72		30	464	.04	27	42
23-32-0023	2450692	585904	9-61	9	305	12,288	5.24	644	12	9,104	5.00	455	12-72		43	501	.03	28	44
23-32-0023	2749436	591297	12-67	4	303	12,250	5.18	634	17	10,003	4.98	498	3-73		42	399	.08	28	40

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T C CALVD REPT D MO-YR	(%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
23-36-0113	2626375	584458	9-64	6	305	12,038	5.47	658	21	10,577	5.26	556	2-72	44	450	.01	23	$ 38
23-36-0113	2649275	585393	5-64	7	303	13,326	5.16	687	26	10,604	5.18	549	3-73	42	409	.06	26	38
23-36-0353	2734647	584458	8-67	2	305	12,810	4.31	550	23	8,555	4.96	424	4-72	40	611	-.12	18	40
23-36-0614	2495928	584458	11-62	9	304	11,444	5.29	605	26	9,372	5.28	495	12-72	44	498	-.02	23	40
23-36-0614	2495929	584458	11-62	9	303	11,537	4.91	567	28	9,272	5.27	489	11-72	44	521	-.08	18	36
23-36-0614	2511289	584458	2-63	8	304	11,973	4.92	589	12	9,891	5.03	498	6-72	44	513	-.05	20	38
23-36-0614	2694561	584458	2-65	6	304	11,863	4.95	587	18	8,648	5.20	450	1-73	44	629	-.06	25	47
23-36-0614	2813973	584458	10-67	3	305	12,690	4.87	618	31	8,457	5.30	448	11-72	42	709	-.08	27	51
23-36-0834	2768194	571382	9-68	2	305	12,825	4.35	558	15	9,780	5.09	498	12-72	40	785	-.24	15	44
23-36-0834	2800399	585350	3-69	2	304	11,480	5.27	605	19	8,390	5.15	432	10-72	40	414	.14	34	45
23-36-1029	2689068	571382	11-66	4	257	13,125	4.02	528	6	10,398	4.55	473	4-72	43	805	-.25	14	44
23-36-1029	2725369	557602	8-67	3	270	14,610	4.40	643	18	11,213	4.54	509	6-72	41	651	-.12	20	43
23-36-1029	2809224	571382	12-69	2	305	13,035	3.84	500	18	11,060	4.36	482	12-72	40	702	-.25	10	37
23-36-1029	2842679	571382	7-70	1	305	12,920	4.49	580	29	10,260	4.54	466	10-72	35	710	-.18	17	43
23-36-1116	2415511	584458	9-60	7	298	13,430	5.06	679	10	10,036	5.17	519	11-72	44	688	-.04	30	53
23-36-1116	2415512	584458	10-60	7	305	12,340	4.91	606	11	10,039	5.13	515	2-73	44	546	-.06	21	40
23-36-1116	2688739	585393	8-63	4	305	13,310	5.36	713	17	10,180	5.05	514	1-73	41	433	.12	33	45
23-37-0019	2684223	597352	8-66	5	296	12,386	4.79	593	12	8,850	5.27	466	2-73	36	550	-.06	21	40
23-37-0019	2684230	597352	10-66	5	299	11,214	5.41	607	11	8,652	5.35	463	12-72	36	400	.03	23	36
23-37-0072	2687809	602339	8-66	4	305	14,480	4.45	644	28	8,785	4.87	428	2-73	33	842	-.11	30	59
23-37-0072	2849511	613295	10-70	1	305	13,580	5.26	714	39	9,290	5.02	466	11-72	19	407	.04	24	37
23-43-0008	2493799	567370	6-62	7	281	12,753	4.78	610	13	10,109	5.04	509	7-72	44	522	-.05	21	39
23-43-0008	2518769	585904	11-62	9	299	13,918	5.38	749	22	10,364	5.11	530	10-72	43	583	.05	34	52
23-43-0008	2685966	584458	7-66	5	305	12,518	4.67	584	26	10,256	5.04	517	11-72	44	546	-.10	17	36
23-43-0008	2733428	584458	9-67	3	286	13,023	4.96	646	24	10,397	4.94	514	7-72	42	567	-.04	24	43
23-43-0008	2751461	603327	1-68	3	305	14,286	4.94	706	14	10,713	4.99	535	10-72	33	597	.02	32	51
23-43-0213	2555499	593727	11-63	7	302	14,136	4.54	642	14	10,521	5.23	550	11-72	34	761	-.13	25	52
23-43-0213	2555501	593727	2-64	7	299	12,511	5.28	661	12	10,127	5.24	531	9-72	34	559	.02	30	48
23-43-0213	2845943	614142	10-70	1	305	16,100	5.30	854	9	10,450	5.06	529	1-73	19	558	.04	32	50
23-46-0228	2575104	563805	8-64	6	305	12,743	4.82	614	32	9,172	5.41	496	8-72	43	693	-.05	29	52
23-46-0228	2576336	563805	10-64	5	305	11,886	5.54	658	39	9,122	5.38	491	7-72	43	585	.07	36	54
23-46-0228	2701785	563805	11-66	1	305	11,970	5.66	677	24	9,560	5.12	489	12-72	34	446	.08	30	43
23-46-0228	2758479	563805	6-68	3	305	11,257	5.61	631	22	9,477	5.28	500	12-72	41	446	.08	30	43
23-46-0228	2758481	563805	6-68	3	305	12,083	5.50	664	22	8,663	5.36	464	10-72	41	621	.06	37	56
23-46-0228	2758482	563805	1-67	4	294	11,860	5.23	620	33	9,208	5.31	489	12-72	42	560	.03	31	49
23-46-0228	2791129	595550	11-67	3	305	12,127	5.27	639	48	9,083	5.35	486	6-72	42	447	.04	26	40
23-53-0084	2712030	571382	8-66	5	305	11,974	4.94	592	12	10,554	4.89	516	11-72	44	650	-.13	19	42
23-53-0084	2762708	571382	1-68	2	305	13,425	4.28	575	13	11,330	4.81	545	2-72	40	719	-.22	13	40
23-53-0084	2762710	571382	1-68	3	301	12,443	4.57	569	16	11,360	4.79	544	1-72	42	623	-.18	13	36
23-53-0084	2790559	571382	7-68	3	305	12,940	4.93	638	12	11,467	4.78	548	2-73	42	671	-.13	20	44
23-53-0084	2865768	571382	3-70	1	305	13,600	4.77	649	12	11,140	4.78	532	12-72	35	709	-.17	18	44
23-54-0038	2733894	583958	12-67	4	294	12,673	4.92	624	25	10,240	5.01	513	2-73	44	549	-.04	23	42
23-54-0038	2733896	583958	11-67	4	297	12,773	4.99	638	23	10,225	5.02	513	12-72	44	563	-.03	25	44
23-54-0038	2769159	583958	1-68	4	291	12,288	5.32	654	23	10,655	4.99	532	12-72	44	461	.02	25	40
23-54-0038	2769165	583958	3-68	3	305	12,567	4.40	553	15	9,723	5.09	495	5-72	42	567	-.13	15	36
23-54-0038	2769170	593883	6-68	3	302	11,533	5.11	589	15	9,346	4.99	466	8-72	41	496	.09	33	48
23-54-0038	2769179	593883	12-68	3	299	13,133	4.55	597	27	10,613	5.04	535	1-73	41	566	.00	28	46
23-54-0038	2810530	593883	12-69	2	303	12,295	5.14	632	24	10,495	5.06	531	12-72	38	458	.08	31	45
23-54-0038	2840895	571382	2-70	1	291	12,200	5.07	618	14	9,500	5.21	495	9-72	35	702	-.17	18	44
23-58-0569	2634866	571382	2-66	2	305	11,755	4.07	479	18	7,760	4.66	362	10-72	40	840	-.23	18	49
23-58-6014	2887019	010128578	6-63	1	305	18,190	4.38	796	10	10,810	4.74	512	1-72	19	729	-.08	28	53
23-60-0138	2703795	584458	7-66	5	303	11,738	5.15	604	10	9,070	5.05	458	3-73	44	568	-.02	26	45
23-61-0004	2631923	584458	12-65	5	296	11,698	4.98	582	10	9,812	5.14	504	2-72	44	485	-.05	19	36
23-61-0004	2821578	604694	4-70	1	305	12,650	4.75	601	28	9,200	5.12	471	9-72	35	537	-.04	23	41
23-62-0021	2603892	584458	4-65	6	305	11,610	5.37	624	36	9,845	4.98	490	2-73	44	471	.03	26	41
23-62-0021	2692693	584458	3-66	4	305	13,760	4.73	651	40	9,370	4.94	463	7-72	43	778	-.07	31	58
23-62-0021	2692694	584458	2-66	5	305	12,894	4.76	614	43	9,714	5.03	489	6-72	44	652	-.08	24	47
23-62-0021	2835819	610141	10-68	3	305	12,950	5.16	668	41	9,880	5.09	503	11-72	32	416	.03	24	37
23-63-0014	2559938	585904	1-62	6	303	12,831	5.31	681	22	9,971	5.25	523	3-72	43	481	.02	26	41
23-63-0014	2702099	585904	5-66	4	305	14,297	4.59	656	24	10,470	5.00	524	4-72	42	601	-.07	23	44
23-63-0014	2721375	584458	5-67	4	305	13,393	4.88	654	32	10,423	5.08	530	11-72	43	627	-.07	24	46
23-63-0014	2749067	585904	12-67	3	305	13,980	4.36	609	17	10,306	5.01	516	7-72	41	544	-.11	16	36
23-63-0014	2807965	584458	2-68	3	305	13,203	5.17	683	33	11,260	5.02	565	1-73	42	507	-.01	24	41
23-63-0014	2850171	583958	10-70	1	305	14,940	4.79	716	39	11,420	5.11	583	12-72	36	548	-.06	21	40
23-63-0014	2863053	583958	8-70	1	305	13,790	5.16	711	35	11,360	5.13	583	11-72	36	466	-.03	20	36
23-63-0014	2879637	584458	6-68	1	305	17,050	5.43	925	31	11,320	5.06	573	10-72	35	723	.01	37	60
23-63-0014	2879643	585904	10-68	1	305	15,610	4.71	736	25	10,970	4.84	531	3-72	35	481	-.02	22	38
31-02-0800	2768450	578382	10-67	4	299	11,990	4.44	532	9	8,618	5.05	435	11-72	42	685	-.16	18	43
31-02-0840	2690377	578382	10-66	1	303	13,620	4.73	644	27	10,230	4.88	499	3-72	35	588	-.11	18	39
31-02-0840	2748528	578382	7-67	3	305	12,857	4.80	617	24	10,147	5.01	508	2-72	41	620	-.11	20	42
31-04-0117	2811096	583958	7-69	1	305	12,930	5.02	649	7	9,470	5.14	487	2-73	36	515	-.05	21	39
31-04-0117	2811098	583958	9-69	2	288	11,670	4.83	564	17	8,455	5.26	445	8-72	40	548	-.07	20	39
31-04-0127	2817737	580776	9-69	1	305	13,660	5.46	746	32	9,120	5.05	461	10-72	31	393	.06	25	37
31-04-0450	2732312	578382	10-67	3	293	11,777	4.97	585	42	9,043	5.26	476	5-72	41	597	-.11	19	40
31-04-0450	2788227	578382	5-68	3	305	11,947	4.96	593	40	8,593	5.20	447	9-72	41	659	-.10	23	46
31-04-0450	2788241	578382	11-68	2	305	15,190	5.25	798	34	9,315	5.27	491	5-72	39	903	-.06	39	69
31-04-0450	2810586	610474	9-69	2	305	12,810	5.04	646	37	9,665	5.18	501	2-73	28	448	.00	22	37
31-04-0450	2837613	578382	3-70	1	304	12,280	4.79	588	41	8,900	5.26	468	7-72	35	566	-.12	16	36
31-06-0021	2541928	549126	4-63	8	305	12,724	4.92	626	18	10,200	5.09	519	11-72	43	421	.01	22	36
31-06-0021	2759850	595550	11-67	4	303	14,258	4.44	633	22	10,738	4.96	533	12-72	43	569	-.06	22	42
31-06-0021	2870048	583958	6-69	2	303	13,700	4.68	641	23	10,700	4.91	525	1-73	40	572	-.07	21	41
31-06-0126	2795188	595550	1-69	3	300	11,820	5.25	620	11	9,393	4.88	458	4-73	42	382	.08	27	38
31-07-0011	2549351	497574	9-63	8	297	10,329	5.07	524	14	8,980	5.02	451	11-72	44	452	.01	23	38
31-09-0883	2708576	602270	4-66	4	305	15,488	4.82	746	16	11,638	5.16	601	1-73	33	537	-.06	21	39
31-12-0006	2494489	548159	8-62	7	301	13,079	4.97	650	26	9,689	5.20	504	2-72	37	605	-.01	29	49

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
31-12-0006	2583139	596588	9-64	7	305	13,374	4.86	649	22	9,603	5.17	496	4-73		36	497	-.04	21	$ 38
31-12-0006	2850261	578382	1-70	1	305	12,800	4.81	616	29	9,730	5.12	498	1-73		35	555	-.12	16	36
31-14-9006	2733355	606551	11-67	4	294	11,567	5.05	584	22	8,967	5.19	465	12-72		37	491	.00	24	40
31-14-9006	2756939	606551	4-68	4	301	12,632	4.77	603	18	9,212	5.10	470	4-73		37	612	-.04	26	47
31-14-9006	2771806	606551	9-68	3	288	12,033	4.79	576	20	9,186	5.09	468	12-72		35	509	-.03	22	39
31-14-9006	2787007	606551	12-68	2	294	11,635	5.35	622	17	9,160	5.24	480	10-71		32	430	.04	25	38
31-14-9006	2787011	606551	2-69	2	305	12,125	4.79	581	18	9,320	5.02	468	4-72		32	471	-.02	21	37
31-14-9006	2812286	606551	9-69	2	305	13,065	4.23	553	24	9,270	4.98	462	3-73		32	584	-.11	18	39
31-14-9300	2742465	595550	10-67	4	295	13,033	5.07	661	17	10,598	5.28	560	1-73	B	43	430	.01	22	36
31-14-9300	2762382	606551	2-68	3	304	13,223	5.13	679	9	10,676	5.14	549	11-72	B	35	509	.01	26	43
31-14-9300	2809446	606551	8-69	2	297	14,820	5.19	769	9	10,715	5.13	550	12-72	B	32	653	.03	35	56
31-14-9300	2827996	606551	9-69	1	305	13,970	5.29	739	11	10,460	5.16	540	9-71		27	479	.03	27	42
31-14-9300	2853492	606551	10-70	1	305	14,790	5.30	784	8	11,390	5.07	578	12-72		27	485	.04	28	43
31-14-9900	2698732	578382	12-66	1	305	11,550	5.25	606	19	7,390	5.06	374	10-72		35	603	-.07	23	44
31-14-9900	2716795	592728	11-64	4	305	12,088	5.04	609	31	9,158	5.12	469	2-72		35	492	-.01	23	39
31-15-0040	2674392	591297	2-66	4	304	12,203	5.93	724	13	9,658	5.25	507	1-72		42	428	.17	30	49
31-15-0040	2705294	591297	3-67	3	305	12,380	5.67	702	11	9,930	5.28	524	11-72		41	403	.12	32	43
31-15-0110	2730375	601882	11-67	4	305	13,600	5.18	705	7	10,220	5.42	554	11-72		35	561	.02	30	48
31-15-0110	2771337	601882	2-68	4	305	12,497	5.46	682	8	10,442	5.54	579	4-73		35	381	.05	24	36
31-15-0110	2794794	585350	5-69	2	305	12,485	5.84	729	8	10,545	5.48	578	3-73		40	341	.19	35	43
31-15-0140	2646016	578382	10-65	4	299	12,140	4.67	567	22	9,820	4.81	472	12-72		42	583	-.11	18	39
31-15-0455	2556305	592286	12-63	6	305	14,040	5.07	712	18	11,531	5.32	614	1-73		36	486	-.02	22	38
31-15-0455	2649465	601882	9-65	6	303	12,870	5.14	661	14	10,636	5.42	576	9-72		36	424	.01	22	36
31-15-0455	2673529	601882	12-65	6	302	13,991	5.35	749	13	12,046	5.25	633	3-73		36	423	.07	28	41
31-15-0455	2730373	601882	11-67	4	305	14,742	4.83	712	16	11,787	5.30	625	12-72		35	546	-.04	23	41
31-15-0455	2770283	609004	11-68	3	305	15,893	4.90	779	19	11,670	5.38	628	3-73		33	780	-.07	31	58
31-15-0455	2794793	609004	4-69	2	305	14,060	5.19	730	18	11,925	5.36	639	5-72		30	475	-.03	21	37
31-15-0455	2797010	609004	2-69	2	305	15,810	4.90	775	21	12,185	5.33	649	4-72		30	659	-.07	26	49
31-15-9008	2622474	586368	9-63	7	304	12,176	5.49	669	14	9,303	5.29	492	9-72		36	407	.10	30	42
31-15-9008	2622493	571291	9-65	4	305	11,105	5.44	604	23	8,875	5.36	476	7-72		43	363	.07	25	36
31-15-9673	2490529	582140	7-62	8	305	12,969	5.33	691	25	10,299	5.26	542	9-72		36	519	.01	27	44
31-15-9673	2615067	580714	9-65	5	304	13,160	5.30	698	27	10,834	5.15	558	2-72		40	505	.07	32	47
31-15-9673	2615079	580714	11-65	5	305	12,164	5.32	647	22	10,656	5.15	549	7-72		40	387	-.07	26	38
31-15-9673	2706315	580714	1-67	4	305	13,577	4.93	670	18	10,157	5.18	526	7-72		39	619	.00	31	51
31-15-9673	2719138	600174	4-67	4	305	14,670	4.95	726	36	10,840	5.19	563	2-72		34	650	-.01	31	52
31-15-9673	2734202	600174	12-67	4	305	14,130	4.90	693	38	11,055	5.25	580	12-72		34	547	-.02	25	43
31-15-9673	2755181	578382	1-68	3	305	15,440	4.81	743	29	10,093	5.22	527	7-72		41	927	-.13	33	65
31-15-9673	2809694	577474	10-69	2	305	13,235	5.08	672	35	10,810	5.34	577	1-73		40	462	.00	23	38
31-15-9673	2818315	593883	9-69	2	305	12,975	5.37	697	36	11,195	5.27	590	1-73		38	471	.10	33	47
31-15-9673	2818316	593883	10-69	2	305	12,820	5.46	700	26	11,105	5.20	577	3-73		38	462	.12	35	48
31-15-9673	2826703	577474	1-70	2	305	16,025	4.88	782	35	10,945	5.34	584	1-73		40	735	-.02	34	58
31-15-9673	2852917	577474	1-70	2	305	14,445	4.81	695	37	11,145	5.39	601	11-72		40	558	-.04	24	43
31-15-9673	2852919	592584	9-70	1	305	16,410	5.26	863	40	11,440	5.39	617	11-72		30	576	.05	33	51
31-15-9673	2855711	592073	9-70	1	305	14,750	5.27	777	34	10,830	5.47	592	10-72		35	337	.11	27	36
31-19-0896	2740262	603032	5-67	4	275	12,463	4.06	506	27	8,735	4.72	412	10-72		33	672	-.18	15	40
31-19-9029	2740268	603032	7-67	4	302	13,805	4.30	594	13	9,353	4.82	451	1-73		33	796	-.16	23	52
31-19-9029	2785830	603032	9-68	3	305	12,527	4.49	562	26	8,897	4.71	419	1-73		32	634	-.09	22	44
31-19-9029	2828646	604694	1-70	2	305	12,750	4.60	586	12	10,645	4.76	507	3-73		39	503	-.03	22	39
31-21-0036	2709091	577042	8-66	3	305	13,790	4.57	630	22	10,110	5.24	530	1-72		41	546	-.09	18	37
31-21-0036	2854255	604694	10-70	1	305	12,360	5.19	641	26	10,310	5.03	519	11-72		35	447	.02	24	38
31-21-9024	2533440	591295	1-63	6	302	12,092	5.04	610	17	9,555	5.07	484	3-73		37	499	-.02	23	40
31-21-9024	2570735	577042	9-64	5	302	12,242	4.79	586	20	8,618	5.18	446	6-72		43	551	-.05	22	41
31-21-9024	2722340	606804	9-66	4	305	11,845	5.55	657	25	9,133	5.09	465	11-72		33	433	.11	32	44
31-21-9024	2725926	606804	9-66	4	305	12,803	5.01	641	24	9,085	5.12	465	9-72		33	578	.01	30	49
31-23-9095	2750143	595550	4-68	4	303	12,895	5.09	656	17	10,160	5.18	526	2-73		43	456	.02	25	40
31-23-9095	2799500	604694	4-69	3	296	11,823	5.42	641	17	10,343	5.25	543	2-73		41	445	.04	26	40
31-23-9095	2827841	602658	2-70	2	304	14,055	4.89	687	22	10,155	5.22	530	1-73		39	867	-.18	24	55
31-23-9095	2838146	583958	7-70	1	305	12,550	5.04	632	24	9,300	5.25	488	9-72		36	497	-.05	20	37
31-23-9160	2653612	600523	12-65	6	298	17,948	4.79	860	29	10,228	4.70	481	2-73		32	1,282	-.01	61	102
31-26-9390	2468595	499207	9-61	8	305	14,384	5.08	730	12	9,841	5.00	492	10-72		44	608	.03	33	52
31-26-9390	2798242	578382	11-68	3	305	14,237	4.92	700	9	10,903	5.04	550	1-73		41	711	-.09	26	51
31-31-9042	2774630	595550	12-68	2	305	17,320	4.63	802	11	13,105	4.78	626	5-72		40	608	-.01	29	49
31-31-9042	2813691	602482	7-69	2	305	17,080	4.31	736	5	12,240	5.03	616	10-72		34	770	-.17	21	49
31-32-0016	2727556	602754	10-67	4	305	12,680	5.47	694	11	10,342	5.39	557	2-73		41	605	.04	34	53
31-32-9780	2645473	598447	7-65	6	305	11,871	4.62	548	9	8,570	5.12	439	4-73		36	530	-.09	17	34
31-32-9780	2686067	598447	5-66	5	305	11,212	5.20	583	12	8,362	5.18	433	4-73		36	456	.00	23	38
31-32-9780	2743158	563805	7-67	3	304	12,670	5.13	650	21	9,253	5.20	481	10-72		41	634	.03	34	54
31-32-9780	2747275	588114	11-67	4	292	13,455	4.73	636	19	9,362	5.17	484	1-73		40	547	-.06	21	40
31-33-0031	2749039	601632	11-67	3	232	12,290	4.98	612	15	8,467	4.90	415	8-72		29	520	.01	27	44
31-33-0038	2839983	604694	12-68	1	305	11,700	4.89	572	15	8,710	5.11	445	3-72		35	495	-.02	23	39
31-35-0100	2493690	589110	9-62	8	303	12,444	4.62	575	21	8,700	5.02	437	9-72		39	529	-.03	23	41
31-35-9008	2460118	577042	9-61	5	302	13,974	5.02	701	14	10,558	5.15	544	7-72		43	575	-.01	27	46
31-35-9008	2702564	602754	9-66	5	302	12,692	5.18	658	7	10,308	5.27	543	3-73		42	622	.00	31	51
31-35-9008	2702566	602754	9-66	5	303	12,946	5.04	652	11	9,710	5.44	528	12-72		42	721	-.04	32	56
31-35-9008	2702567	602754	9-66	3	297	12,093	5.49	664	11	9,800	5.51	540	10-71		39	572	.03	31	49
31-35-9008	2702568	602754	9-66	4	299	11,247	5.29	595	13	9,590	5.56	533	10-71		41	497	-.01	24	40
31-35-9008	2705644	602754	10-66	3	305	14,986	4.94	740	10	9,840	5.49	540	11-71		39	918	-.05	40	71
31-35-9008	2705646	602754	11-66	4	305	12,955	5.61	727	14	10,032	5.38	540	8-72		41	672	.07	40	61
31-35-9008	2731265	602754	11-67	3	299	12,490	4.95	618	8	10,943	5.07	555	5-72		39	509	-.01	24	41
31-35-9008	2731273	602754	9-67	3	305	12,450	5.28	657	6	11,183	5.12	573	4-73		39	481	.03	27	42
31-35-9008	2838459	583958	10-70	1	305	13,560	4.87	661	10	10,670	5.00	533	12-72		36	490	-.05	19	36
31-35-9008	2845521	602754	12-70	1	305	16,360	4.83	791	8	10,650	4.98	530	1-73		33	786	-.02	37	63
31-35-9008	2855085	602754	7-68	2	305	13,015	5.35	696	10	11,250	5.22	587	6-72		37	521	.03	29	46
31-35-9013	2765005	604047	6-68	2	305	12,465	4.92	613	26	8,655	5.00	433	6-72		29	478	-.02	22	38
31-38-9001	2801845	610639	10-69	2	305	12,265	6.05	742	31	9,420	5.38	507	12-72		29	343	.17	33	42

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	C	REPT D	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
31-38-9001	2859400	592584	1-70	2	305	12,520	5.41	677	28	9,505	5.41	514	1-73		35	461	.06	29	$ 43
31-39-9020	2672187	567370	10-61	3	305	14,703	5.16	758	15	9,517	4.88	464	5-72		42	767	.03	41	66
31-39-9020	2672189	572156	8-58	3	305	13,943	4.66	650	24	10,507	4.71	495	6-72		29	523	-.03	23	41
31-39-9620	2740146	607617	9-67	4	269	11,370	5.39	613	15	8,083	5.17	418	9-72		30	461	.06	29	43
31-39-9620	2831089	609904	1-70	2	287	15,125	4.26	645	12	8,425	4.91	414	3-73		38	572	-.12	16	37
31-42-9034	2792561	604694	2-69	2	305	11,390	4.71	537	18	7,635	5.15	393	7-72		39	612	-.04	26	47
31-42-9034	2847781	604694	3-69	3	305	10,960	4.97	545	14	8,956	5.16	462	4-73		41	474	-.01	22	38
31-42-9034	2853919	604694	5-69	2	305	11,525	4.87	561	13	8,865	5.08	450	4-73		39	524	-.02	24	41
31-42-9034	2860820	604694	2-70	1	305	12,840	4.60	590	22	9,150	4.92	450	1-73		35	555	-.03	24	43
31-42-9034	2889916	604694	2-70	1	305	12,860	4.25	546	16	7,490	4.91	368	7-72		35	658	-.08	25	48
31-42-9034	2890804	604694	12-70	1	305	13,290	5.11	679	13	9,180	4.93	453	3-73		35	580	.01	30	49
31-45-0017	2455690	508078	7-61	9	305	11,572	4.92	569	13	9,334	4.92	459	6-72		43	423	.03	24	37
31-45-0096	2727502	600213	10-66	4	293	15,083	4.67	704	13	10,458	4.91	514	6-72		34	740	-.07	30	55
31-45-0096	2802847	603463	5-68	3	287	12,560	4.88	613	18	10,700	4.92	526	6-72		36	462	.02	25	40
31-45-9035	2296215	576938	12-58	10	305	12,506	5.20	650	15	9,679	5.16	499	9-72		37	454	.05	27	41
31-45-9035	2745037	606360	8-67	4	305	12,923	5.16	667	14	10,135	5.10	517	11-72		30	448	.03	25	39
31-45-9035	2805077	604694	8-69	1	305	12,140	5.24	636	19	10,240	5.15	527	5-72		35	435	.02	23	37
31-45-9035	2805080	604694	9-69	2	305	12,570	5.13	645	18	10,135	5.09	516	10-72		39	527	.01	27	44
31-47-0756	2572757	577042	7-64	4	305	13,898	4.83	671	16	10,078	5.47	551	2-73		42	594	-.07	22	43
31-47-0756	2877403	593816	5-71	1	305	13,970	5.18	723	7	10,350	4.95	512	4-73		35	466	.01	24	39
31-49-0043	2601914	591130	8-65	6	303	10,995	4.97	546	23	7,967	5.32	424	11-72		38	466	-.01	22	37
31-49-9035	2760139	593430	11-67	3	305	13,680	5.14	703	10	9,503	5.32	506	4-72		33	587	.00	29	48
31-49-9720	2602455	600825	8-65	5	305	13,216	4.61	609	23	9,764	5.15	503	7-72		36	556	-.12	16	36
31-49-9720	2700907	563805	1-67	4	305	12,005	5.24	629	22	8,943	5.21	466	8-72		42	605	.04	34	53
31-49-9720	2773540	574629	7-68	3	305	16,020	4.59	735	26	9,243	5.20	481	1-73		41	790	-.09	30	57
31-52-0106	2666656	602161	6-66	4	305	11,045	5.73	633	11	8,688	5.04	438	6-72		30	338	.13	29	38
31-52-0115	2797009	609004	2-69	2	304	12,340	5.17	638	19	9,465	5.16	488	3-73		30	505	.00	25	42
31-52-0115	2797011	609004	2-69	2	305	12,140	5.28	641	23	9,170	5.23	480	12-72		30	509	.01	26	43
31-59-9840	2790513	601902	10-68	3	305	14,593	4.64	677	21	10,356	5.06	524	1-73		40	527	-.03	23	41
31-67-0040	2645167	578382	9-65	4	305	11,233	4.81	540	13	8,118	5.10	414	4-72		42	640	-.11	21	44
31-68-0041	2789232	595550	11-68	2	305	13,785	4.29	591	7	9,335	4.80	448	1-73		40	555	-.06	22	41
31-68-0062	2504330	563805	1-65	6	305	11,378	5.70	649	19	9,717	5.38	523	8-72		43	454	.09	31	44
31-72-0018	2810863	604694	5-69	2	292	10,575	4.64	491	6	7,845	5.07	398	8-72		39	510	-.04	21	38
31-72-9017	2580146	562315	10-64	6	305	12,442	4.42	550	18	8,633	4.93	426	5-72		44	516	-.08	18	36
31-72-9017	2844197	604694	12-70	1	305	13,410	4.65	624	33	9,690	5.02	486	1-73		35	566	-.04	24	43
31-72-9027	2874904	604694	8-69	1	266	10,640	5.38	572	8	8,270	5.26	435	9-71	B	35	441	.01	23	37
31-72-9043	2406017	570543	10-60	8	302	11,501	4.31	496	11	8,770	5.06	444	1-73		36	587	-.13	16	37
31-72-9043	2549128	570543	11-63	8	298	10,961	5.22	572	11	9,233	5.06	467	1-73		36	451	.02	24	38
31-74-9005	2773597	591149	8-68	3	302	14,356	5.11	734	6	9,763	5.23	511	1-73		42	461	.01	24	39
31-76-9425	2745562	602754	10-67	3	305	11,363	5.24	595	19	10,283	5.20	535	1-72		39	437	.01	23	37
31-76-9425	2745570	602754	10-67	3	305	11,043	5.64	623	16	10,023	5.23	524	2-72		39	423	.06	27	40
31-80-0082	2822880	603622	7-67	2	304	10,465	5.61	587	8	7,740	4.70	364	4-72		29	352	.12	29	39
31-81-9910	2888255	604694	3-70	2	302	11,125	4.65	517	7	8,925	4.90	437	3-73		39	478	-.03	21	37
31-83-0003	2785353	578382	12-68	3	304	11,903	4.65	554	24	8,777	5.00	439	11-72		41	637	-.13	19	42
31-83-0003	2798346	583958	8-69	2	296	11,325	4.78	541	24	8,640	4.90	423	9-72		40	498	-.05	20	37
31-83-0003	2836678	583958	4-70	1	305	14,630	4.53	663	17	9,380	4.69	440	4-72		36	647	-.07	25	47
31-83-0003	2836681	583958	8-70	1	305	12,960	5.40	700	22	8,580	5.02	431	10-72		36	570	.00	28	47
31-85-0119	2798397	604694	3-69	2	305	10,250	6.23	639	85	8,675	5.35	464	11-72		39	408	.11	31	43
31-85-0203	2821024	561394	9-69	2	305	14,715	4.46	656	15	10,385	5.01	520	2-73		32	719	-.14	21	47
31-85-9067	2446873	576342	10-60	8	305	12,106	5.34	647	20	8,906	5.28	470	8-71		39	410	.11	31	43
31-85-9067	2769577	601933	2-68	2	301	14,125	4.47	632	29	9,335	5.28	493	8-71		30	656	-.15	17	41
31-85-9070	2838591	592584	7-70	1	305	13,620	4.75	647	23	8,470	5.06	429	10-72		30	542	.01	28	46
31-85-9143	2776194	591149	7-68	3	305	12,130	5.69	690	36	8,173	5.22	427	12-72		42	350	.10	27	37
31-85-9143	2805712	602754	2-69	2	305	10,820	5.14	556	36	8,365	5.24	438	11-72		37	533	.00	26	43
31-85-9143	2843092	602658	8-70	1	291	11,570	4.25	492	43	8,190	5.30	434	10-72		35	717	-.24	11	38
31-85-9148	2731266	602754	11-67	2	304	13,200	4.84	639	28	9,755	5.31	518	12-71		37	668	-.05	28	51
31-85-9148	2739301	604918	9-67	4	298	11,570	5.52	639	42	8,303	5.24	435	12-72		35	377	.10	28	39
31-85-9148	2762208	593816	2-68	3	305	11,583	5.41	627	38	7,923	5.16	409	7-72		42	554	.04	31	49
31-85-9148	2780006	583904	8-68	3	305	14,787	5.71	844	72	8,860	5.37	476	7-72		38	758	.16	53	75
31-85-9175	2609080	567370	4-64	7	292	11,761	5.11	601	14	9,106	5.21	474	8-72		44	497	-.01	24	40
31-85-9175	2696528	551047	11-62	5	305	13,302	4.92	655	17	9,786	5.19	508	10-72		36	561	-.03	25	44
31-85-9175	2797966	602754	10-66	3	305	14,520	4.57	663	22	9,650	5.22	504	12-72		39	880	-.09	34	64
31-86-0063	2716808	497574	3-67	3	305	10,587	5.38	570	8	8,750	5.03	440	4-72		42	497	.03	28	44
31-86-0063	2794802	604694	11-68	2	305	16,155	4.01	648	9	9,160	4.91	450	4-72		39	979	-.15	33	67
31-86-0063	2813634	604694	7-69	2	305	11,110	4.38	487	12	8,415	5.12	431	10-72		39	516	-.08	18	36
32-01-9050	2704662	605046	12-66	3	305	11,580	5.30	614	10	8,827	5.08	448	1-72		29	378	.05	24	36
32-01-9050	2771075	608089	10-68	3	294	14,400	4.32	622	8	9,610	4.99	480	2-73		33	609	-.13	17	39
32-20-0764	2675749	598943	10-64	6	301	13,813	4.90	677	20	9,328	5.22	487	9-72		36	696	-.03	31	54
32-20-0764	2894789	602658	11-70	1	305	12,190	4.70	573	23	9,900	5.07	502	11-72		35	659	-.20	13	38
32-29-9320	2688136	594407	9-66	4	297	13,410	5.06	679	20	7,713	5.55	428	10-72		43	563	-.01	27	46
32-29-9320	2855206	602658	1-71	1	287	11,250	4.84	544	15	8,990	5.18	466	1-73		35	643	-.19	13	37
32-30-0325	2809013	595658	2-67	2	301	13,710	5.38	737	6	9,635	5.19	500	11-72		31	532	.06	32	48
32-32-0715	2862067	602658	1-71	1	305	10,870	5.52	600	17	9,840	4.88	480	2-73		35	562	-.11	17	37
32-32-0715	2862068	602658	3-71	1	305	11,790	4.69	553	13	9,850	4.87	480	3-73		35	632	-.18	13	37
32-33-9713	2539416	564125	8-63	8	304	14,039	4.72	662	9	10,004	5.21	521	3-73		44	591	-.06	23	43
32-33-9713	2684529	601786	5-66	5	305	11,486	5.29	608	10	8,740	5.24	458	7-72		32	416	.03	24	37
32-44-0820	2863285	583958	3-71	1	305	12,000	5.43	652	7	9,310	5.23	497	4-73		36	443	-.01	21	36
32-47-0820	2860272	593816	1-69	1	305	13,970	4.40	614	8	9,300	4.59	427	10-71		35	529	-.05	21	39
32-48-0412	2809498	593816	3-69	2	305	13,730	5.13	704	17	9,555	5.03	481	10-72		40	597	.00	30	49
32-48-0414	2880796	585350	12-70	1	305	11,380	5.45	620	6	8,750	5.22	457	2-73		35	316	.15	30	38
32-59-0650	2571686	564043	10-63	4	284	13,740	5.02	690	16	9,845	4.70	463	2-73	B	41	459	.07	30	44
32-59-0650	2742297	602754	8-67	4	303	11,445	4.77	546	32	9,322	4.62	431	8-72		41	550	.01	28	46
32-59-0650	2742418	602754	8-67	4	303	10,612	4.97	527	27	9,435	4.57	431	6-72		41	431	.04	25	38
32-67-0531	2604694	595216	2-65	4	305	13,030	4.56	594	16	8,980	5.01	450	3-72		30	605	-.08	22	43
32-68-9285	2448845	565303	11-61	7	278	13,969	5.89	823	13	8,847	5.41	479	1-73		42	630	.16	47	65

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION. COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	CON INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
32-73-9241	2529187	563805	6-63	7	305	11,290	5.35	604	13	9,071	5.10	463	6-72		43	511	.07	32	$ 48
32-73-9241	2567368	563805	8-64	5	305	11,928	5.21	622	18	9,884	5.32	526	2-73		43	509	.02	27	43
32-73-9241	2598408	563805	5-65	6	305	10,492	5.15	540	11	8,757	5.31	465	8-72		43	438	.01	23	37
32-82-0714	2566869	566496	12-63	7	304	11,319	5.05	572	28	8,684	5.06	439	11-72	H	36	415	.04	24	37
32-82-0714	2858675	593816	10-70	1	305	17,160	4.29	737	25	9,590	5.04	483	1-73		35	752	-.10	27	53
33-01-0271	2784648	593883	10-68	3	304	12,190	5.14	626	30	9,646	5.18	500	10-72		41	546	.08	35	52
33-01-0271	2784658	593883	1-69	3	302	11,880	5.05	600	34	10,276	5.03	517	12-72		41	449	.08	30	43
33-01-0271	2784660	593883	3-69	3	301	11,686	5.11	597	35	10,433	4.98	520	1-73		41	411	.09	29	41
33-01-0271	2853965	602658	10-70	1	305	15,790	4.67	738	39	10,930	5.11	558	1-73		35	872	-.20	23	55
33-01-0271	2853973	602658	12-70	1	305	13,050	4.64	605	35	10,530	5.23	551	11-72		35	687	-.21	13	39
33-01-0271	2853981	602658	1-71	1	305	13,730	4.31	592	22	11,380	4.97	566	3-73		35	687	-.23	11	37
33-01-0271	2853990	585350	3-71	1	305	14,400	4.83	695	24	11,620	4.87	566	3-73		35	370	.12	30	40
33-01-0744	2829818	593816	1-70	1	305	13,220	4.79	633	19	7,860	4.76	374	5-72		35	559	-.02	26	45
33-09-0004	2783386	593883	11-68	3	305	11,510	4.96	571	8	9,506	5.04	479	2-73		41	478	.06	30	45
33-09-0004	2783387	593883	2-69	3	298	10,600	5.08	539	9	8,680	4.92	427	2-73		41	449	.09	31	44
33-09-0004	2783388	593883	2-69	2	305	11,345	5.35	607	7	7,965	4.77	380	6-72		38	571	.13	41	58
33-11-0613	2874568	610757	8-69	1	305	15,420	5.33	822	36	11,430	5.41	618	12-72		28	549	-.01	26	44
33-11-0613	2874576	577474	11-69	1	305	13,500	5.35	722	37	10,340	5.24	542	8-72		35	450	.05	27	41
33-11-0613	2874585	583958	4-70	1	305	14,290	4.87	696	35	10,360	5.42	562	9-72		36	563	-.08	20	40
33-11-0613	2874588	583958	5-70	1	305	13,130	5.43	713	35	10,360	5.42	562	9-72		36	477	-.03	21	37
33-11-0613	2880086	577474	11-69	1	305	17,030	5.03	856	20	12,310	5.25	646	3-73		35	598	.01	31	50
33-24-0310	2845716	593883	10-70	1	305	11,680	5.60	654	15	9,920	5.26	522	10-72		34	408	.12	32	43
33-24-0614	2532263	567370	11-63	5	305	11,876	5.12	608	12	9,786	4.97	486	4-73		44	442	.01	23	37
33-24-0614	2605918	570421	3-65	4	305	12,250	5.26	644	8	9,025	4.96	448	9-72		42	442	.02	24	38
33-24-0614	2791311	578382	3-69	3	303	12,293	4.61	567	8	9,540	5.02	479	4-73		41	611	-.13	17	39
33-41-0211	2742223	604622	8-67	4	305	11,042	5.97	659	40	8,937	5.00	447	3-73		33	372	.19	37	46
33-41-0211	2784183	599928	6-68	3	305	10,386	5.69	591	39	8,813	4.99	440	3-73		33	303	.13	28	36
33-41-0211	2784187	599928	10-68	2	305	11,235	5.23	588	33	9,085	4.92	447	4-72		30	362	.07	25	36
33-41-0211	2784189	599928	11-68	2	305	11,870	4.91	583	37	9,190	5.02	461	3-73		30	427	.02	23	37
33-41-0211	2784192	599928	4-69	2	305	12,310	4.89	602	38	8,850	4.94	437	2-73		30	512	.03	28	44
33-41-0211	2878153	599928	9-69	2	305	11,655	4.97	579	34	8,605	4.97	428	11-72		30	457	.03	26	40
33-41-0211	2878170	599928	8-70	1	305	13,520	4.98	673	52	8,830	5.01	442	12-72		24	529	.03	29	46
33-41-0211	2878179	599928	12-70	1	305	12,490	5.52	690	52	8,830	5.01	442	12-72		24	438	.10	31	44
33-48-0814	2853117	590165	9-70	1	305	11,970	4.68	560	7	7,170	5.09	365	9-72		32	556	-.09	19	39
33-55-0513	2447306	567370	9-61	7	304	13,564	4.88	662	14	9,053	5.38	487	3-73		44	736	-.06	30	55
33-55-0513	2554404	563805	3-64	1	305	11,220	5.46	613	31	9,610	5.22	502	2-73		34	385	.05	24	36
33-55-0513	2789162	595550	12-68	3	299	13,393	4.41	591	40	9,633	5.42	522	12-72		42	543	-.10	17	36
33-55-0513	2798754	577474	7-69	2	305	12,785	5.25	671	54	8,970	5.43	487	10-72		40	566	.03	31	49
33-55-0513	2819405	573431	9-69	2	294	11,935	4.94	590	53	8,920	5.46	487	10-72		39	495	-.04	21	38
33-55-0513	2832045	581394	3-70	1	305	13,810	4.94	682	43	9,770	5.39	527	11-72		26	567	-.10	18	38
33-62-0675	2515539	575184	11-62	6	305	13,033	4.75	619	22	8,758	4.94	433	3-73		44	568	-.05	23	42
33-62-0675	2552275	575184	2-64	7	305	12,034	5.14	619	27	8,741	4.98	435	6-72		44	440	.00	22	36
33-69-0271	2814172	585350	11-69	2	305	12,360	5.51	681	22	9,615	5.08	488	11-72		40	404	.18	38	48
33-77-0313	2773066	607117	10-68	2	305	13,665	5.45	745	28	10,140	5.11	518	12-72		29	534	.08	34	50
33-77-0313	2851597	563805	2-71	1	305	11,810	5.26	621	14	10,320	4.88	504	4-73		34	386	.05	24	36
33-77-0611	2620966	601455	7-65	3	244	15,640	5.27	825	21	11,007	5.11	563	3-72	B	29	708	.06	41	63
33-77-0611	2743415	605342	8-67	2	299	12,355	5.29	654	19	11,165	5.33	595	9-71		29	409	.03	23	36
33-77-0611	2743421	605342	11-67	2	305	15,340	5.35	821	15	12,900	5.25	677	3-73		29	600	.05	35	54
33-77-0611	2743422	605342	7-67	3	300	14,313	5.16	738	16	12,196	5.24	639	1-73		32	578	.01	30	49
33-77-0611	2756518	605342	7-68	3	301	12,360	5.66	699	15	10,773	5.43	585	10-72		32	468	.08	31	45
33-77-0611	2796068	605342	10-68	1	305	14,090	5.96	840	9	12,560	5.41	680	1-73		24	438	.11	32	45
33-77-0611	2825961	605342	11-69	2	305	14,655	5.10	748	12	11,725	5.29	620	1-73		29	630	.01	32	52
33-77-0611	2831589	605342	4-68	3	305	14,726	4.78	704	15	12,170	5.22	635	3-73		32	636	-.05	26	48
33-77-0611	2831593	605342	8-68	3	301	13,770	5.03	692	13	11,323	5.26	596	1-73		32	599	-.01	29	49
33-87-0717	2742306	600202	12-67	2	305	14,445	5.29	764	21	10,105	5.04	509	11-72		30	489	.08	32	47
33-87-0717	2781472	597050	3-66	5	305	15,120	4.27	646	14	10,454	5.12	535	1-73		35	737	-.17	19	46
33-92-0143	2675185	587831	9-64	6	295	15,618	4.65	727	7	10,067	5.01	504	11-72	B	35	879	-.07	36	66
33-92-0143	2757372	587831	8-65	3	256	18,837	4.98	938	10	11,500	4.97	572	1-72	B	32	1,069	.00	53	88
33-92-0143	2863214	603707	12-68	2	305	17,565	4.70	826	8	10,280	5.04	518	2-72		30	1,026	-.06	45	79
33-92-0143	2879248	603707	8-69	2	234	14,155	5.30	750	6	10,160	4.80	488	1-73	B	30	631	.08	39	58
34-12-0001	2793076	571382	11-68	2	305	11,800	5.25	620	44	9,335	5.45	509	4-72		40	716	-.15	20	46
34-12-0001	2863439	583958	12-70	1	305	13,220	5.06	669	27	9,500	5.19	493	3-73		36	535	-.05	22	40
34-12-0001	2871537	600211	1-71	1	305	14,660	4.80	704	27	9,560	5.20	497	2-73		35	552	-.01	26	44
34-12-0527	2761721	575184	1-63	2	305	17,545	4.49	787	10	10,710	5.02	538	7-72		40	755	-.11	26	52
34-12-0535	2547756	595116	7-63	5	305	13,974	4.47	624	20	9,638	4.95	477	12-72		36	738	-.09	27	53
34-12-0535	2681318	595116	4-66	4	305	12,128	5.09	617	28	9,443	4.89	462	2-72		35	476	.04	27	42
34-12-0535	2681319	595116	8-66	5	304	13,714	4.67	641	34	9,498	4.97	472	2-73		36	716	-.05	30	54
34-12-0535	2713671	603775	11-66	3	305	12,400	5.46	677	24	9,663	4.87	471	7-72		32	355	.11	28	38
34-12-0535	2829900	604694	3-70	1	305	14,670	5.06	742	29	9,730	5.14	500	9-72		35	659	-.01	32	54
34-12-0535	2861795	602658	10-70	1	305	13,550	4.55	616	30	10,280	5.07	521	3-73		35	740	-.21	15	43
34-13-0005	2573610	563805	7-64	6	282	12,350	5.02	620	59	9,630	5.12	493	9-72		43	592	.02	31	50
34-13-0005	2617094	574790	6-65	5	304	12,334	4.75	586	52	9,152	5.05	462	11-72		36	519	-.06	20	38
34-13-0005	2680144	598392	7-66	4	305	12,425	5.15	640	49	9,250	5.09	471	3-72		35	435	.04	25	39
34-13-0005	2791614	585918	10-68	2	305	13,100	5.31	695	66	10,075	5.03	507	4-72		38	380	.05	24	36
34-13-0005	2791622	604694	1-69	3	305	11,876	5.20	618	46	9,600	5.08	488	3-73		41	521	.02	28	45
34-13-0005	2800670	604694	5-69	1	305	11,580	5.10	591	99	8,450	5.11	432	6-72		35	501	.00	25	41
34-13-0005	2800682	608668	3-69	2	305	14,120	4.28	605	71	8,770	5.17	453	6-72		29	671	-.13	20	44
34-13-0005	2841817	604694	7-70	1	305	11,240	4.83	543	45	8,270	5.10	422	2-73		35	486	-.02	22	38
34-13-0005	2869048	583958	2-71	1	291	11,510	5.09	586	48	8,300	5.08	422	2-73		36	479	-.04	20	36
34-13-0005	2869055	602658	7-70	1	305	11,490	4.33	498	98	8,510	5.14	437	6-72		35	691	-.22	12	38
34-34-0115	2795989	580836	3-69	1	305	14,200	4.75	674	6	9,550	4.97	475	3-72		35	420	.01	22	36
34-34-0115	2832501	585350	5-70	1	305	15,300	5.46	836	11	10,710	4.91	526	12-72		35	493	.19	43	56
34-38-0015	2460273	579260	3-58	9	305	14,420	5.01	723	29	9,620	5.15	495	9-72		36	782	-.01	38	64
34-38-0015	2811336	602759	4-69	2	305	14,220	5.14	731	19	9,425	4.98	469	10-72		29	579	.01	30	49
34-38-0027	2835638	593816	9-70	1	305	13,860	5.05	700	15	9,840	5.10	502	11-72		35	488	-.01	23	39

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT D	(%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	COL-LARS
34-47-0536	2823590	583958	3-70	2	300	13,350	5.55	741	15	10,495	5.35	561	4-73		40	553	.02	29	$ 47
34-47-0536	2830190	612243	5-70	1	305	14,140	5.00	707	22	9,650	5.54	535	6-72		26	586	-.03	26	46
34-47-0536	2830191	612243	6-70	1	305	14,060	5.35	752	30	9,950	5.62	559	7-72		26	558	.01	29	47
34-49-0016	2507990	497574	11-62	8	301	10,741	5.47	588	49	9,601	5.48	526	7-72		44	441	.01	23	37
34-49-0016	2598648	572745	6-64	7	302	12,201	5.26	642	74	8,850	5.64	499	11-72		35	449	-.01	21	36
34-49-0016	2598663	587097	8-64	6	299	11,790	5.45	643	63	8,825	5.54	489	10-72		35	452	.04	26	40
34-49-0016	2656423	556063	12-65	5	301	13,870	5.97	828	36	9,396	5.32	500	5-72		43	524	.25	51	64
34-49-0016	2701357	553904	11-66	3	305	13,753	5.09	700	51	9,013	5.58	503	1-73		38	610	.03	33	52
34-49-0016	2768417	581199	8-68	2	305	17,365	4.94	858	72	9,750	5.50	536	4-72		40	528	.00	26	43
34-49-0016	2774760	556063	10-68	2	305	13,905	5.17	719	55	9,795	5.36	525	5-72		38	361	.10	28	38
34-49-0016	2774761	556063	10-68	2	305	14,750	5.91	871	50	10,020	5.37	538	5-72		38	431	.22	43	54
34-49-0016	2783362	590165	2-69	1	305	11,650	5.77	672	75	8,230	5.61	462	8-71		32	462	-.01	22	37
34-49-0016	2855499	590165	1-70	1	305	13,610	5.04	686	91	9,880	5.48	541	5-72		32	514	-.08	18	36
34-49-0016	2855500	589166	1-70	1	305	12,750	5.66	722	107	9,710	5.49	533	6-72		33	401	.06	26	38
34-49-0016	2855517	585350	8-70	1	305	12,520	5.24	656	35	9,280	5.36	497	11-72		35	370	.13	31	41
34-49-0016	2856615	585350	8-70	1	305	11,470	5.61	644	74	9,010	5.55	500	8-72		35	307	.15	30	38
34-54-0001	2468107	577107	11-61	9	304	11,563	4.90	567	21	9,356	5.35	501	12-72		38	505	-.07	18	36
34-54-0001	2482323	577107	5-62	9	305	11,534	4.80	554	18	9,178	5.27	484	3-73		38	521	-.08	18	36
34-54-0001	2572474	599331	12-64	6	305	13,768	4.95	681	12	10,265	5.14	528	5-72		36	578	-.02	27	46
34-54-0001	2790235	604694	2-69	3	305	13,850	4.56	631	14	10,200	5.16	526	2-73		41	696	-.08	26	50
34-54-0001	2804666	604694	8-69	2	305	11,195	5.32	596	21	9,625	5.16	497	8-72		39	427	.03	24	37
34-54-0001	2806215	604694	4-69	2	305	14,435	4.68	675	14	10,345	5.18	536	5-72		39	703	-.06	29	53
34-54-0001	2806216	611265	7-69	2	305	12,960	5.22	677	26	9,675	5.22	505	9-72		25	424	.02	23	37
34-55-0007	2427580	553233	3-61	7	305	12,575	4.62	581	8	8,054	5.14	414	8-71		41	626	-.05	26	47
34-58-0040	2879189	585350	6-69	2	305	11,265	5.41	609	20	9,515	5.02	478	1-73		40	301	.17	31	38
34-59-0089	2422950	555208	3-61	9	304	11,984	5.35	641	6	9,411	5.16	486	2-72		40	480	.09	33	47
34-59-0089	2681235	576127	3-66	4	305	11,930	5.36	639	10	9,568	5.32	509	1-72		42	393	.07	26	38
34-62-0005	2782921	604774	9-68	2	305	12,550	5.47	686	16	9,470	5.12	485	11-72		29	456	.05	27	41
34-73-0018	2841942	612243	12-69	1	296	11,250	5.12	576	10	8,200	4.91	403	8-72		26	436	.02	24	38
34-73-0018	2841943	612243	12-69	2	288	12,645	4.78	605	10	8,940	4.94	442	1-73		32	597	-.02	28	48
34-73-0018	2841945	612243	4-70	1	305	12,710	5.33	678	15	9,210	5.05	465	3-72		26	493	.05	29	44
34-74-0805	2700233	584458	2-67	4	296	12,743	4.84	617	14	8,953	5.17	463	5-72		43	693	-.07	27	51
35-03-0004	2656062	563813	8-66	3	305	12,820	5.12	656	13	9,236	5.40	499	11-72		42	467	.02	25	40
35-03-0688	2764578	600211	5-68	2	305	13,220	4.83	638	22	10,260	5.23	537	7-72		39	474	-.02	21	37
35-03-0688	2783141	600211	8-68	3	305	13,080	5.31	695	9	9,793	5.25	514	2-73		41	538	.05	32	49
35-03-0688	2866807	583958	10-70	1	305	15,060	4.37	658	32	10,690	5.23	559	11-72		36	601	-.12	18	40
35-06-0002	2680426	600211	8-66	4	305	12,192	5.21	635	27	8,825	5.18	457	12-71		42	551	.04	31	48
35-06-0002	2680430	600211	9-66	5	305	11,738	5.36	629	23	8,886	5.09	452	4-73		43	501	.07	32	47
35-06-0002	2764763	600211	3-66	5	305	11,450	5.24	600	26	8,964	5.01	449	7-72		43	455	.06	28	42
35-06-0006	2583605	566892	11-64	5	304	10,996	5.21	573	45	8,804	4.69	413	8-71		37	384	.12	31	42
35-06-0006	2790002	600211	3-69	2	305	11,785	5.02	592	49	9,385	4.74	445	6-72		39	398	.04	24	36
35-06-0006	2857836	611069	9-69	2	301	12,415	4.83	600	37	8,980	5.08	456	1-73		29	489	-.04	20	37
35-06-0012	2702796	600211	1-67	4	305	12,340	4.44	548	29	9,527	4.86	463	12-71		42	499	-.05	20	37
35-10-0084	2713469	600211	3-67	4	261	12,247	4.41	540	9	8,617	5.07	437	11-72	B	42	579	-.08	21	41
35-10-0084	2715246	573431	8-66	4	301	11,340	4.62	524	15	8,538	4.84	413	4-72		42	514	-.02	23	40
35-10-0084	2715248	573431	9-66	4	305	11,138	5.09	567	12	8,403	4.91	413	2-72		42	502	.03	28	44
35-10-0465	2651957	575184	3-64	5	304	12,508	5.19	649	13	9,268	5.19	481	12-71		44	447	-.01	21	36
35-10-0465	2704595	573431	10-65	4	301	11,450	4.94	566	14	9,213	5.19	478	10-72		42	460	-.02	21	36
35-17-0048	2706954	605615	2-67	4	300	10,645	6.28	669	34	8,435	5.25	443	9-72		33	310	.20	35	42
35-17-0051	2774444	606833	12-68	3	262	15,503	4.17	647	8	10,436	5.28	551	3-73	B	32	816	-.23	17	47
35-17-0078	2719873	600211	3-67	4	305	13,525	5.26	711	20	10,262	4.87	500	1-73		42	574	.08	36	54
35-17-0415	2622636	581394	7-65	3	305	14,490	4.20	609	6	8,253	5.00	413	10-71		34	977	-.20	28	63
35-22-0050	2600895	573431	3-65	6	301	13,072	5.17	676	15	9,802	5.01	491	2-72		43	820	.04	35	55
35-22-0050	2842925	593816	5-70	1	305	15,290	4.29	656	14	9,880	4.84	478	9-72		35	594	-.08	21	42
35-34-0013	2603865	573431	1-65	6	303	13,465	4.73	637	23	10,373	5.09	528	7-72		43	612	-.04	26	47
35-34-0013	2728055	600211	7-67	4	305	13,485	5.28	712	16	10,615	4.97	528	9-72		42	534	.08	34	50
35-34-0013	2827011	573431	12-69	2	305	13,820	4.70	650	21	10,920	4.93	538	12-72		39	525	-.03	23	41
35-36-0015	2690129	573431	6-66	5	305	11,126	4.80	534	10	8,592	4.80	412	11-72		43	491	.00	24	40
35-36-0015	2764883	573431	4-68	3	305	12,063	4.87	587	13	8,647	4.70	406	5-72		41	568	.02	30	48
35-36-0015	2797147	573431	2-69	2	305	13,615	5.36	730	14	9,195	4.64	427	3-72		39	647	.09	41	61
35-36-0015	2812589	600211	8-69	2	305	12,545	4.81	603	11	9,080	4.66	423	10-72		39	502	.02	27	43
35-36-0015	2820422	573431	11-69	2	299	12,520	4.30	538	12	9,670	4.59	444	1-73		39	494	-.05	20	37
35-36-0030	2704588	600211	9-66	4	266	13,090	4.50	589	9	9,442	5.06	478	3-72	B	42	602	-.07	23	44
35-36-0149	2757981	573431	1-68	2	305	12,090	5.15	623	12	9,535	5.06	482	7-72		39	461	.02	25	40
35-45-0142	2480871	567370	2-62	8	304	12,803	3.98	509	9	9,213	5.04	464	8-72		44	621	-.18	13	36
35-49-0176	2659188	591131	11-65	4	305	12,610	5.04	636	13	9,190	5.03	462	10-72		42	488	.05	29	44
35-49-0176	2786695	585350	10-68	1	305	15,040	4.65	699	35	9,090	4.86	442	10-72		35	572	.09	37	54
35-53-0035	2711353	584458	2-67	4	305	15,645	4.57	715	15	10,148	5.18	526	7-72		43	935	-.14	32	65
35-53-0166	2798005	593883	2-69	2	305	10,155	4.82	489	9	7,555	5.08	384	9-72		38	480	.05	29	44
35-54-0052	2801989	607564	4-69	3	305	14,833	5.41	803	15	10,340	4.85	501	4-73		29	669	.11	44	64
35-54-0052	2827082	590317	1-70	2	305	18,400	4.22	776	17	11,370	4.79	545	2-73		38	826	-.12	29	58
35-56-0037	2618111	563813	10-65	5	305	12,946	5.36	694	19	10,252	5.50	564	4-73		44	426	.05	26	39
35-56-0037	2798182	592437	2-69	2	305	12,845	5.27	677	24	9,790	5.35	524	4-72		29	453	.02	24	39
35-56-0256	2454728	566892	2-62	7	305	14,348	5.47	785	38	11,610	5.10	592	7-72		37	545	.14	41	57
35-56-0256	2622638	579780	7-65	5	305	15,032	4.71	708	40	11,752	5.07	596	2-72		40	628	-.09	22	44
35-56-0256	2682406	603289	8-66	3	272	13,700	5.56	762	30	12,046	4.97	599	2-72	B	33	330	.11	27	36
35-56-0256	2682408	566892	9-66	5	290	13,920	4.94	688	38	11,488	5.07	583	1-73		37	497	.03	28	44
35-56-0256	2704510	603289	1-67	3	304	14,476	5.27	763	29	11,930	5.03	600	2-72		33	446	.05	27	41
35-56-0256	2721247	530104	8-67	3	305	15,366	4.64	713	27	12,136	4.91	596	6-72		34	531	-.04	22	40
35-56-0256	2725900	563805	6-67	4	277	12,523	5.46	684	35	11,283	5.11	576	9-72	B	42	433	.09	30	43
35-56-0256	2753392	581394	1-68	3	305	15,863	4.70	745	30	11,453	5.17	592	12-72		34	821	-.13	27	56
35-56-0256	2770401	581394	3-68	3	305	15,490	4.94	765	30	11,403	5.12	584	1-73		34	777	-.07	31	58
35-56-0256	2770405	581394	4-68	3	286	14,476	4.81	697	33	11,630	5.10	593	1-73	B	34	621	-.10	21	43
35-56-0256	2781332	581394	9-68	2	305	15,630	5.23	817	38	11,670	5.09	594	3-72		32	706	-.02	33	56
35-56-0256	2809595	530104	4-69	2	300	16,310	4.21	686	30	11,840	4.97	589	2-73		32	610	-.13	17	39

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-56-0256	2821007	581394	9-69	1	305	15,490	4.53	702	37	11,460	4.93	565	6-72		26	595	-.13	17	$ 38
35-56-0256	2821020	608483	8-69	2	305	14,935	4.81	719	33	12,185	4.92	600	3-73		30	449	.00	22	37
35-56-0256	2832031	581394	10-69	1	302	16,290	4.35	709	40	11,880	4.97	591	5-72		26	635	-.15	16	39
35-57-0063	2730853	600211	10-67	3	305	12,156	5.59	679	14	9,770	5.01	489	4-72		41	432	.11	32	44
35-57-0063	2782221	573431	1-69	2	295	12,630	4.40	556	12	9,430	4.81	454	5-72		39	525	-.05	21	39
35-57-0063	2795611	573431	4-69	1	305	12,900	4.33	558	19	8,840	4.80	424	2-73		35	508	-.04	21	38
35-63-0120	2761426	603289	6-68	3	303	12,303	4.45	548	29	8,040	4.93	396	9-72		33	571	-.08	20	40
35-63-0493	2801990	607564	4-69	3	305	13,080	4.72	617	14	8,773	5.00	439	4-73		29	598	-.05	25	45
35-65-0076	2858823	585350	11-70	1	305	12,010	5.48	658	18	9,590	5.42	520	12-72		35	313	.15	30	38
35-68-0063	2783774	585350	1-69	3	305	11,650	5.73	667	24	9,643	5.22	503	1-73		42	355	.19	36	45
35-68-0063	2808014	585350	7-69	2	305	11,435	5.28	604	31	9,590	5.25	503	10-72		40	312	.13	28	36
35-68-0063	2835743	602658	9-70	1	305	11,370	4.81	547	36	9,330	5.28	493	10-72		35	632	-.19	12	36
35-68-0063	2857467	602658	1-71	1	305	12,780	4.47	571	9	10,330	5.29	546	3-73		35	678	-.23	10	36
41-10-0368	2882660	602658	9-70	1	305	12,440	4.30	535	25	9,810	5.10	500	12-72		35	684	-.23	11	37
41-10-0368	2882667	602658	10-70	1	305	12,300	4.49	552	26	9,520	5.11	486	1-73		35	691	-.21	13	39
41-10-9311	2602976	558172	10-63	8	298	14,188	4.86	689	8	11,343	4.83	548	4-73		44	590	-.03	26	46
41-14-9073	2643108	567839	10-58	7	305	15,174	5.21	790	19	10,007	4.86	486	5-72		36	877	.08	52	79
41-14-9073	2741385	595170	2-67	4	305	12,607	4.38	552	19	9,380	4.58	430	9-72		37	509	-.07	18	36
41-14-9073	2854833	610749	4-69	2	305	13,830	4.06	561	21	8,880	4.66	414	9-72		29	577	-.14	15	36
41-20-0067	2780734	573431	10-68	3	305	14,473	4.67	676	14	10,220	5.03	514	1-73		41	703	-.05	30	54
41-20-0067	2780749	573431	8-68	3	297	12,540	4.93	618	18	9,367	5.02	470	7-72		41	556	.00	28	46
41-20-0067	2812864	573431	8-69	2	303	12,700	4.99	634	14	10,180	5.03	512	1-73		39	470	.01	24	39
41-20-0067	2833231	573431	4-70	1	305	13,040	5.54	722	12	9,860	4.99	492	3-73		35	456	.07	29	43
41-20-0067	2833236	573431	2-70	1	305	13,070	4.58	599	12	9,470	4.89	463	10-72		35	482	-.02	22	38
41-25-0002	2734965	584664	7-67	3	305	14,026	4.91	689	19	10,346	5.28	546	5-72		42	482	-.03	21	37
41-25-0002	2760946	603437	12-67	4	305	13,780	4.88	673	20	10,240	5.37	550	1-73		33	555	-.07	21	40
41-25-0481	2654065	557569	12-65	2	305	11,525	4.13	476	10	8,825	5.12	452	12-72		36	619	-.17	14	37
41-28-0159	2752873	600211	12-66	5	305	12,764	4.94	631	14	10,324	4.99	515	11-72		43	485	.01	25	41
41-45-9147	2678702	605494	9-66	4	305	12,885	4.34	559	15	9,140	4.92	450	2-72		33	566	-.13	15	36
41-45-9147	2784095	600211	8-68	3	302	12,493	4.73	591	16	9,100	4.96	451	5-72		41	534	-.01	25	43
41-45-9147	2784101	573431	12-68	3	295	12,370	4.54	561	18	9,693	4.70	456	10-72		41	506	-.03	22	39
41-45-9147	2800623	582400	8-68	3	305	12,593	4.16	524	20	9,730	4.87	474	12-72		41	629	-.16	15	38
41-45-9147	2800624	600211	3-69	3	305	12,963	4.51	585	12	10,043	4.80	482	3-73		41	501	-.03	22	39
41-56-0078	2830097	582400	2-68	2	305	10,470	5.56	582	13	8,800	5.24	461	5-72		39	458	-.01	22	37
41-56-0332	2819901	611158	6-69	2	305	13,665	5.33	729	16	10,560	4.78	505	3-73		25	424	.09	30	42
41-56-0332	2819910	593816	12-69	2	286	12,950	5.12	663	19	10,360	5.03	521	12-72		40	452	.00	22	37
41-74-0048	2830636	585350	10-69	2	295	11,110	5.72	636	27	9,245	5.35	495	12-72		40	307	.17	32	39
41-74-0048	2865467	593883	9-70	1	305	10,480	5.27	552	36	9,070	5.30	481	8-72		34	368	.09	27	38
41-74-0235	2893750	600211	11-70	1	305	11,450	5.41	620	15	8,340	4.99	416	1-73		35	381	.06	25	36
41-77-0213	2533166	588856	10-61	4	303	12,680	5.35	678	14	9,137	4.91	449	3-73		35	571	.09	37	54
41-79-0098	2650444	572331	2-66	5	303	11,010	4.80	528	19	9,334	5.21	486	6-72		40	602	-.12	18	40
41-79-0098	2712542	563813	2-67	4	301	12,382	5.35	662	20	9,887	5.14	508	5-72		44	377	.09	27	38
41-79-0098	2755389	593816	4-68	3	305	13,513	5.48	741	21	10,166	5.21	530	12-72		42	570	.05	33	51
41-79-0098	2766947	606442	8-68	3	305	13,473	5.40	728	12	9,923	5.07	503	10-72		32	506	.11	36	51
41-79-0098	2766950	606442	10-68	3	305	13,096	5.50	720	13	10,933	5.14	562	2-73		32	346	.12	29	38
41-79-0098	2808047	606442	11-69	2	305	13,770	5.12	705	13	10,905	5.08	554	12-72		29	391	.06	25	37
41-82-0160	2557639	581394	6-64	6	304	15,058	4.63	697	30	11,680	5.09	595	1-73		37	741	-.15	22	49
41-82-0160	2702802	600211	4-67	4	305	11,312	5.64	638	21	9,067	4.95	449	10-72		42	416	.12	32	44
41-83-0063	2871754	593883	1-71	1	305	11,230	5.32	597	6	8,190	5.29	433	3-73		34	479	.09	33	47
41-86-0040	2699930	583969	12-65	5	305	12,248	4.88	598	17	9,112	5.09	464	1-73		36	516	-.06	20	38
42-03-0018	2796607	608006	1-69	2	305	12,785	5.01	640	7	8,845	5.04	446	4-72		29	461	.01	24	39
42-03-0255	2817841	585350	9-69	2	298	12,990	4.97	646	12	8,690	4.94	429	8-72		40	544	.12	39	55
42-07-0106	2719824	600512	2-67	4	305	10,570	5.44	575	55	7,983	4.96	396	2-72		34	422	.07	28	41
42-07-0106	2732657	600512	7-67	5	305	11,406	5.08	579	37	8,454	4.90	414	3-73		35	504	.03	28	44
42-07-0106	2804650	600512	7-68	3	305	11,610	4.69	544	37	8,540	4.89	418	2-73		32	482	-.03	21	37
42-07-0106	2855462	593816	12-70	1	305	16,010	4.94	791	54	9,970	4.78	477	12-72		35	643	-.01	31	52
42-07-0106	2858815	593816	11-70	1	305	14,500	4.57	662	28	8,770	4.96	435	9-72		35	601	-.06	24	45
42-07-0106	2863089	607322	11-70	1	305	14,590	4.75	693	39	9,170	4.91	450	11-72		23	497	-.03	22	39
42-16-0012	2799317	604694	4-69	2	300	14,975	4.73	708	18	9,205	5.04	464	10-72		39	853	-.04	38	67
42-16-0012	2855308	604694	9-70	1	305	13,610	4.41	600	18	9,550	5.02	479	10-72		35	589	-.06	23	43
42-33-0147	2537705	596941	6-63	7	305	14,544	4.86	707	10	9,951	5.09	507	3-72		36	679	-.03	31	54
42-33-0147	2540603	596941	6-63	7	267	12,066	5.27	636	11	9,170	5.09	467	7-72	B	36	407	.06	26	38
42-33-0147	2697344	599306	11-67	3	305	14,110	5.73	809	18	11,143	5.15	574	12-72		29	474	.14	37	50
42-33-0147	2705274	577289	7-66	4	305	12,505	5.61	701	9	10,537	4.99	526	4-72		35	367	.12	30	40
42-33-0147	2813711	584458	8-69	1	72	15,920	3.93	625	12	10,360	5.12	530	5-72	B	35	695	-.18	16	42
42-33-0147	2819459	600517	9-69	2	305	13,505	6.02	813	17	11,085	5.10	565	1-73		30	303	.19	33	40
42-41-0029	2646026	588371	9-65	6	304	13,023	4.88	636	14	9,625	5.12	493	11-72		36	546	-.04	23	41
42-41-0029	2847796	583958	8-70	1	305	12,420	5.15	588	35	8,430	5.08	428	10-72		36	464	-.03	20	36
42-49-0025	2812559	593883	9-69	1	305	11,400	5.75	656	19	8,740	5.35	468	11-72		34	459	.13	35	48
42-49-0041	2832050	608483	4-70	1	305	14,500	5.16	748	14	9,750	4.75	463	12-72		25	490	.06	30	45
42-50-0022	2605973	597991	4-65	6	305	12,345	5.27	650	34	9,748	5.11	498	2-73		35	487	.03	27	42
42-50-0022	2853056	593883	7-70	1	187	11,320	4.54	514	71	9,590	4.89	469	5-72	B	34	400	.04	24	36
42-50-0022	2865680	602658	3-71	1	305	14,820	3.99	591	27	9,530	5.04	480	3-73		35	883	-.27	16	49
42-50-0022	2882920	602658	5-71	1	305	12,530	4.11	515	27	9,530	5.04	480	3-73		35	708	-.25	10	37
42-51-0014	2474893	583976	9-61	8	305	12,203	4.29	523	30	8,678	5.10	443	5-72		39	644	-.18	14	38
42-51-0014	2692435	603938	9-66	4	268	13,300	5.85	778	30	9,108	5.23	476	8-72		30	630	.16	47	65
42-51-0014	2790259	602658	11-68	3	304	13,336	4.47	596	72	10,020	4.87	488	3-73		41	833	-.21	20	51
42-51-0014	2821530	604694	1-69	2	305	13,375	4.40	589	47	9,730	4.91	478	6-72		39	644	-.07	25	47
42-51-0014	2821535	604694	3-69	2	303	11,405	5.02	572	62	9,365	4.93	462	6-72		39	470	.01	24	39
42-51-0014	2821618	593883	8-69	2	305	13,365	5.54	740	56	8,990	5.23	470	9-72		38	696	.13	48	69
42-51-0014	2823513	593883	8-69	1	305	13,120	4.74	622	50	8,790	5.10	448	9-71	B	34	588	.05	34	52
42-51-0014	2838600	593883	7-70	2	290	10,985	5.15	566	47	9,890	4.95	490	3-73		38	372	.10	28	39
42-56-0019	2713033	561701	3-67	4	303	13,148	4.56	600	17	10,055	5.11	514	7-72		42	680	-.13	21	45
42-56-0019	2782731	589166	12-68	2	305	13,045	5.24	684	14	10,180	5.24	533	9-72		37	468	.04	27	42
42-56-0019	2782735	593883	2-69	2	304	11,950	5.59	668	18	10,065	5.24	527	7-72		38	458	.13	35	48

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D MO-YR	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
42-56-0019	2806387	593003	8-69	2	305	13,745	4.94	679	13	10,085	5.29	534	11-72	38	644	.04	36	$ 56
42-60-0008	2687943	601883	11-65	5	305	11,702	4.97	582	12	9,816	5.07	498	8-72	39	521	-.02	24	41
42-60-0008	2707450	601883	8-66	3	305	11,180	5.42	606	11	9,556	5.11	488	9-71	37	461	.04	27	41
42-60-0008	2760511	601883	2-68	3	305	11,746	5.36	630	12	9,963	5.16	514	6-72	37	492	.04	28	43
42-60-0008	2801536	582400	3-69	2	295	13,495	4.92	664	22	10,465	4.89	512	11-72	39	633	-.05	26	48
42-60-0008	2817538	604343	11-69	1	305	12,360	5.42	670	24	9,500	5.02	477	9-72	26	422	.01	22	36
42-60-0008	2851619	601883	8-70	1	270	11,940	4.85	579	25	9,760	4.93	481	10-72	29	467	-.01	22	37
42-60-0009	2475809	559151	3-62	8	289	14,813	4.06	602	26	9,892	4.91	486	8-72	39	855	-.24	18	50
42-60-0009	2600721	559151	12-64	6	305	13,665	4.79	654	32	10,376	4.99	518	4-73	39	636	-.09	22	44
42-60-0009	2669109	601883	9-65	5	305	13,352	4.79	639	41	10,374	5.04	523	1-72	39	691	-.04	30	53
42-60-0009	2791200	601883	9-68	2	305	13,225	4.49	594	31	10,855	5.00	543	3-72	34	559	-.08	20	39
42-60-0009	2791202	601883	11-68	3	305	15,693	4.35	683	39	10,883	4.94	538	12-72	37	898	-.12	32	63
42-60-0009	2791205	601883	11-68	3	303	11,933	4.75	567	40	10,076	5.02	506	9-72	37	504	-.04	21	38
42-60-0009	2817765	601883	9-69	2	305	14,150	4.73	670	46	10,430	4.92	513	12-72	34	700	-.04	31	54
42-60-0009	2817767	601883	10-69	2	305	12,530	5.06	634	47	10,020	4.93	494	10-72	34	556	.01	29	47
42-60-0009	2839449	601883	1-70	1	305	13,730	4.26	585	16	10,310	4.90	505	6-72	29	579	-.08	21	41
42-60-0009	2862912	601883	8-70	1	305	12,400	5.30	657	47	10,890	4.89	532	11-72	29	430	.04	25	38
42-60-0009	2862913	601883	8-70	1	305	13,390	4.52	605	45	10,540	4.93	520	10-72	29	536	-.06	21	39
42-60-0009	2909197	602658	12-70	1	305	15,280	4.63	707	28	11,300	4.78	540	3-73	35	810	-.19	21	51
42-60-0011	2666304	601883	12-65	4	304	13,555	4.79	649	15	9,950	5.15	512	9-72	38	748	-.05	32	57
42-60-0011	2743553	600211	2-67	4	301	12,452	5.35	666	14	10,637	5.07	539	3-72	42	401	.07	27	39
42-60-0011	2806220	573431	8-68	2	305	12,560	5.37	675	25	10,365	5.12	531	1-72	39	440	.05	27	41
42-60-0011	2806224	601883	9-68	3	300	14,806	4.71	697	12	10,023	5.17	518	3-73	37	873	-.07	36	66
42-60-0011	2806226	601883	9-68	3	292	13,353	4.74	633	23	10,196	5.12	522	11-72	37	671	-.06	27	50
42-60-0011	2851363	601883	11-69	2	254	12,910	4.75	613	18	11,035	5.07	560	1-73 B	34	508	-.05	20	37
42-79-0004	2608691	600823	9-65	5	305	14,196	4.04	574	9	8,872	5.22	463	11-72	37	834	-.27	14	46
42-80-0017	2713270	602384	1-67	2	303	11,680	5.27	615	15	7,400	5.00	370	7-72	29	537	.03	30	47
42-80-0017	2782263	602384	9-68	2	304	12,510	4.96	621	13	7,325	4.90	359	4-72	29	643	.00	32	53
42-85-0274	2808086	604694	10-69	2	305	13,585	4.59	623	10	9,425	5.05	476	12-72	39	691	-.06	28	52
42-85-0274	2817232	583958	2-70	2	299	12,625	5.15	650	11	9,235	5.08	469	2-73	40	582	-.02	27	46
42-86-0011	2718098	602658	2-67	4	305	12,012	4.56	548	54	9,407	5.08	478	9-72	42	750	-.21	16	44
42-86-0011	2744957	603166	8-67	4	301	12,202	5.11	624	28	8,765	5.36	470	11-72	36	539	-.03	24	42
42-86-0011	2813663	604694	7-69	2	305	10,900	5.98	652	30	9,300	5.35	498	12-72	39	423	.09	30	42
42-86-0011	2840958	602658	9-70	1	305	13,260	4.14	549	33	9,270	5.18	480	3-73	35	780	-.25	13	43
42-91-0111	2581188	597649	7-64	7	304	10,617	5.46	580	23	7,733	5.30	410	12-72	35	363	.07	25	36
42-91-0111	2769418	607040	9-68	3	305	11,263	5.40	608	17	8,133	5.32	433	10-72	32	423	.05	26	39
43-04-0041	2658896	585918	11-65	4	305	13,150	4.62	607	27	9,040	5.12	463	1-73	42	560	-.06	22	41
43-04-0041	2719110	598547	4-67	4	305	10,095	5.08	553	24	8,190	5.04	413	11-72	36	428	.03	24	38
43-04-0041	2797096	612199	3-69	2	305	15,495	4.48	694	19	8,885	4.66	414	2-73	25	825	-.06	35	63
43-04-0046	2499341	530104	1-63	6	275	16,288	5.09	829	41	10,341	4.99	516	5-72 B	37	931	.04	50	80
43-04-0046	2636931	581394	7-65	4	305	13,940	4.67	651	49	10,452	5.10	533	9-71	36	703	-.13	22	47
43-04-0046	2695095	606095	7-66	3	278	14,900	4.70	700	51	10,866	4.90	532	1-72 B	34	661	-.01	32	54
43-04-0046	2695098	598547	7-66	3	275	12,976	5.23	679	49	10,896	4.91	535	1-72 B	34	396	.07	26	38
43-04-0046	2704743	606095	9-66	3	305	13,116	5.44	714	48	10,576	5.01	530	10-71	34	458	.12	34	47
43-04-0046	2711576	606095	11-66	3	216	13,323	4.86	647	39	10,793	4.85	524	7-72 B	34	462	.03	26	41
43-04-0046	2715057	606095	1-67	3	255	13,173	5.28	696	48	11,236	4.82	542	4-72 B	34	396	.11	30	41
43-04-0046	2723753	606095	5-67	4	237	11,122	5.39	599	37	9,197	4.98	458	8-72 B	36	356	.10	27	37
43-04-0046	2739212	606095	11-67	2	215	12,905	5.15	665	45	10,145	4.81	488	5-72 B	32	433	.08	29	42
43-04-0046	2760267	606095	1-68	2	203	12,090	4.93	596	36	9,255	4.76	441	5-72 B	32	421	.05	26	39
43-04-0046	2764897	598547	2-68	2	305	12,600	5.13	646	54	8,730	5.10	445	10-71	32	519	.02	28	45
43-05-0004	2843203	585350	1-70	1	305	12,340	5.41	668	32	9,910	5.18	513	1-72	35	318	.16	31	39
43-14-0002	2793159	563805	12-68	2	305	11,525	4.92	567	49	9,330	4.71	439	6-72	38	469	.04	27	42
43-14-0002	2854630	604694	9-70	1	305	10,920	5.13	560	26	8,660	4.71	408	11-72	35	438	.02	24	38
43-14-0050	2859507	604694	1-71	1	297	12,200	4.50	549	15	8,730	4.77	416	1-73	35	532	-.03	23	41
43-14-0051	2799879	604694	9-69	2	299	12,390	4.72	585	18	8,595	4.97	427	1-73	39	636	-.03	28	49
43-16-0009	2566982	593629	3-64	6	302	14,377	4.58	659	27	9,870	4.81	475	12-72	35	750	-.07	30	56
43-16-0009	2720744	560800	8-67	3	305	12,717	4.85	617	21	9,703	4.81	467	1-72	42	557	-.03	25	44
43-16-0009	2731840	560800	10-67	4	305	13,310	4.17	555	16	10,213	4.75	485	4-73	43	600	-.13	17	39
43-16-0009	2779436	607573	10-68	2	305	12,700	5.24	666	25	10,650	4.80	511	7-72	29	368	.07	25	36
43-16-0009	2835619	593083	6-70	1	305	11,960	5.14	615	30	10,050	4.89	491	11-72	34	421	.10	31	43
43-19-0090	2522917	576342	2-63	6	302	14,216	5.10	725	12	10,536	5.01	528	11-72	39	524	.09	35	51
43-31-0031	2784579	608949	9-68	3	302	12,847	4.79	616	10	9,353	5.03	470	12-72	31	549	-.05	22	41
43-35-0121	2560070	550331	2-62	7	304	13,083	4.52	592	6	8,964	5.14	461	3-73	44	477	-.04	20	36
43-40-0003	2333638	582537	10-58	12	301	11,529	5.35	617	21	7,952	5.17	411	8-72	35	550	.03	30	48
43-40-0003	2685129	600305	5-66	4	305	14,625	4.84	708	22	8,778	5.02	441	4-72	34	757	-.02	35	60
43-44-0077	2808795	602430	2-69	2	305	12,945	5.31	688	16	9,090	5.12	465	7-72	32	488	.07	31	46
43-46-0029	2396007	578776	9-60	8	305	13,186	4.31	568	19	9,992	5.05	505	3-72	38	706	-.19	16	42
43-46-0029	2559059	567370	12-63	8	305	13,624	4.43	604	19	10,935	4.98	545	4-73	44	549	-.10	17	37
43-46-0029	2637272	563805	10-65	5	296	11,912	4.89	582	23	10,604	4.99	529	6-72	43	431	.01	22	36
43-46-0029	2730631	591149	12-67	3	305	14,923	5.33	795	22	10,916	4.91	536	3-72	42	420	.08	29	41
43-46-0029	2803189	589069	9-69	2	305	15,030	5.35	804	14	9,945	5.10	507	2-73	40	360	.08	26	36
43-46-0029	2851641	585350	9-70	1	305	12,100	5.21	631	24	9,520	5.33	507	11-72	35	324	.12	28	37
43-46-0058	2829171	583958	1-70	2	305	11,605	4.83	561	41	8,835	5.08	449	1-73	40	511	-.06	19	37
43-48-0061	2367655	568408	1-60	7	305	12,319	4.71	580	27	8,196	5.01	411	6-72	35	702	-.06	29	53
43-48-0061	2757363	604125	4-68	3	305	12,220	4.35	532	47	8,396	4.74	398	5-72	32	559	-.08	20	39
43-48-0061	2801037	604125	11-68	2	303	13,195	4.33	572	50	8,430	4.78	403	3-72	29	619	-.09	22	44
43-48-0061	2839611	604694	2-70	1	217	11,560	4.52	523	22	6,820	5.03	343	9-72 B	35	600	-.05	25	45
43-58-0044	2695981	591747	12-66	3	305	12,333	5.19	640	23	7,286	5.45	397	11-72	33	623	.00	31	51
43-66-0025	2848077	585350	8-70	1	305	10,860	4.69	509	5	7,220	5.03	363	11-72	35	369	.10	28	39
43-97-0038	2682373	591432	7-66	3	299	13,686	4.77	653	31	9,993	4.93	493	5-72	33	487	-.02	22	38
43-97-0038	2833781	604633	1-70	2	305	14,275	4.62	659	48	10,255	5.04	517	2-73	25	532	-.06	20	38
43-97-0049	2555830	565987	1-64	6	300	13,133	5.24	688	5	10,450	5.00	523	1-72	43	335	.11	27	36
46-23-0028	2476746	567370	11-61	7	300	11,360	5.27	599	20	7,807	5.09	397	1-72	44	580	.02	31	50
46-23-0028	2792240	585350	11-68	2	305	11,595	5.47	634	21	8,320	5.01	417	8-72	40	432	.17	38	49
46-23-0028	2839069	613466	5-70	1	305	13,940	4.29	598	22	7,210	5.33	384	12-72	22	704	-.10	25	50

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
46-23-0028	2839072	613466	7-70	1	305	12,660	4.65	589	22	7,210	5.33	384	12-72		22	588	-.05	24	$ 44
47-34-0018	2721213	557569	12-66	4	305	11,330	4.82	546	16	9,485	5.00	474	3-73		40	564	-.07	21	41
47-34-0018	2729834	599529	10-67	3	298	11,896	5.20	618	21	8,553	5.14	440	7-72		35	422	.07	28	41
47-34-0018	2804535	585350	10-69	2	305	12,060	5.08	613	23	8,935	4.97	444	12-72		40	429	.13	34	46
47-34-0018	2843474	585350	12-69	2	305	12,565	4.80	603	14	9,145	4.91	449	3-73		40	463	.10	33	47
47-34-0018	2843483	602658	11-70	1	305	12,360	4.30	531	27	8,630	5.11	441	9-72		35	750	-.23	14	42
47-34-0018	2843484	602658	11-70	1	305	13,640	3.82	521	20	9,910	4.99	495	12-72		35	770	-.28	10	40
47-55-0081	2836992	608927	4-70	1	305	14,470	5.09	736	35	9,590	5.26	504	9-72		32	496	-.03	22	39
48-03-0008	2568470	558130	12-63	6	268	12,227	5.81	710	13	9,278	5.42	503	6-72	B	35	382	.14	33	43
48-03-0008	2630734	592845	8-64	6	284	12,035	5.36	645	10	9,175	5.47	502	2-72	B	35	425	.04	25	38
48-03-0022	2801781	584458	3-69	2	294	13,520	4.49	607	10	10,070	5.32	536	9-72		40	611	-.13	17	39
48-03-0022	2801783	584458	5-69	2	305	13,190	5.31	701	12	9,650	5.30	511	7-72		40	611	-.02	28	48
48-19-0016	2596956	597179	11-64	5	302	13,418	4.89	656	19	10,274	5.04	518	6-72		35	482	.01	25	41
48-19-0016	2718944	604160	1-67	4	305	13,578	4.44	603	18	10,003	4.91	491	7-72		35	532	-.08	18	37
48-19-0016	2799850	604694	2-69	2	305	15,265	4.42	674	19	11,515	5.04	580	2-72		39	692	-.09	25	49
48-19-0016	2799851	604694	3-69	2	305	14,615	4.73	691	22	10,980	5.12	562	2-73		39	669	-.05	28	51
48-19-0016	2799853	604694	4-69	2	305	13,270	4.97	660	22	11,305	5.10	576	1-73		39	503	-.01	24	41
48-19-0016	2799854	604694	4-69	2	204	13,960	4.81	671	22	11,305	5.10	576	1-73	B	39	574	-.03	25	44
48-19-0016	2799857	604694	5-69	2	195	12,720	5.14	654	21	11,450	5.09	583	2-73	B	39	434	.02	23	37
48-19-0016	2806827	604694	9-69	2	305	17,050	4.09	697	15	11,205	4.99	559	3-73		39	902	-.15	29	61
48-19-0016	2806830	604694	10-69	2	305	13,545	4.92	667	11	11,665	5.04	588	4-73		39	501	-.01	24	41
48-19-0016	2806831	604694	10-69	2	305	14,250	4.80	684	12	11,305	5.01	566	4-73		39	604	-.03	27	47
48-19-0016	2806832	604694	10-69	2	305	13,480	5.08	685	19	11,590	5.06	586	2-73		39	501	.01	26	42
48-19-0016	2839023	604694	11-69	1	305	17,730	4.76	844	14	10,760	4.86	523	5-72		35	831	-.02	39	66
48-19-0016	2839024	604694	1-70	1	305	14,230	5.08	723	14	10,760	4.86	523	5-72		35	563	.02	30	48
48-19-0016	2839026	604694	2-70	1	305	15,690	4.77	749	14	10,760	4.86	523	5-72		35	674	-.01	32	54
48-19-0016	2839027	604694	3-70	1	305	14,090	4.72	665	14	10,760	4.86	523	5-72		35	552	-.02	25	43
48-19-0016	2839028	604694	3-70	1	305	13,070	4.90	641	13	9,640	4.89	471	6-72		35	543	-.01	26	44
48-19-0016	2840522	604694	1-70	1	305	15,900	5.04	802	16	11,180	5.04	563	3-72		35	665	.00	33	55
48-20-0050	2680313	600437	4-66	5	296	11,728	4.67	548	11	7,652	4.80	367	11-72		32	592	-.03	26	46
48-20-0050	2744324	575184	11-67	4	280	14,270	4.23	603	37	9,337	4.97	464	2-73		44	640	-.15	17	40
48-26-0046	2562763	588142	7-63	6	305	12,310	5.06	623	13	9,623	5.13	494	10-72		36	477	.00	24	40
48-26-0046	2622518	584726	5-65	5	305	13,924	5.00	696	26	10,324	5.09	526	9-72		35	603	-.01	29	49
48-26-0046	2807516	588142	1-68	3	305	12,300	4.97	611	14	9,247	5.12	473	8-72		33	477	-.01	23	39
48-44-0148	2818185	583958	3-69	2	305	14,745	4.22	622	18	9,590	4.56	437	6-72		40	768	-.11	27	54
48-44-0148	2840430	602658	11-70	1	305	13,620	4.09	557	17	8,520	4.85	413	1-73		35	853	-.24	18	50
48-44-0148	2915175	602658	1-71	1	296	11,070	4.38	485	17	8,520	4.85	413	1-73		35	658	-.21	12	37
48-44-0148	2915176	602658	2-71	1	305	12,680	3.94	499	17	8,820	4.77	421	2-73		35	768	-.24	13	42
48-86-0027	2778958	604694	1-69	3	297	13,523	4.96	671	19	9,800	5.29	518	12-72		41	695	-.02	32	55
48-86-0027	2811185	604694	9-69	1	305	12,350	4.71	582	21	8,740	5.50	481	11-71		35	543	-.06	21	40
48-86-0027	2844932	602658	1-71	1	305	13,580	4.58	622	23	8,980	5.57	500	10-72		35	822	-.23	17	48
48-86-0027	2847322	602658	10-70	1	305	13,300	4.41	587	23	8,980	5.57	500	10-72		35	801	-.24	15	45
48-86-0027	2847327	602658	10-70	1	305	12,650	5.06	640	24	9,090	5.54	504	11-72		35	744	-.19	18	45
48-86-0027	2847328	602658	2-71	1	305	11,920	4.97	592	23	9,370	5.54	519	12-72		35	671	-.19	14	39
48-86-0027	2862947	602658	4-71	1	292	13,440	4.93	662	10	9,450	5.34	505	3-73		35	783	-.18	20	49
48-86-0045	2812327	593816	12-69	2	305	13,305	4.83	642	12	10,125	5.15	521	3-73		40	507	-.05	20	37
48-86-0045	2812328	585350	1-70	2	305	12,180	5.20	633	14	10,215	5.09	520	3-73		40	337	.14	30	39
48-86-0045	2850892	602658	9-70	1	305	16,140	4.43	715	33	8,840	5.50	486	10-72		35	1,026	-.25	25	63
48-86-0045	2850895	602658	10-70	1	305	12,410	4.74	588	15	10,460	5.10	533	2-73		35	642	-.19	13	37
48-88-0001	2825370	583958	11-69	2	305	10,580	4.76	504	8	6,890	5.33	367	12-72		40	565	-.08	20	40
51-04-0296	2780907	606735	4-68	3	305	10,400	5.80	603	22	7,980	5.13	409	11-72		32	334	.13	29	38
51-05-0010	2733651	583333	2-67	5	302	12,300	4.98	613	8	8,546	5.08	434	12-72		43	584	-.07	22	42
51-05-0017	2668925	563805	12-64	5	293	12,548	4.59	576	16	7,828	5.21	408	6-72		43	811	-.06	34	61
51-13-0200	2587226	563805	1-65	3	305	11,903	5.09	606	23	8,783	5.06	444	7-72		41	588	.03	32	51
51-13-0200	2746567	583958	12-67	3	304	11,730	5.50	645	9	9,500	5.22	496	4-72		42	492	.02	26	42
51-17-0004	2743836	603365	9-66	5	302	10,892	5.76	627	24	8,426	5.46	460	11-72		32	362	.09	27	37
51-17-0144	2752316	602754	1-68	4	255	12,850	5.01	644	11	9,592	5.45	523	11-72	B	41	704	-.04	31	55
51-17-0212	2874775	604694	9-69	1	290	11,540	5.04	582	13	8,630	5.25	453	8-72		35	487	-.01	23	39
52-07-0034	2481053	585333	2-62	8	301	11,660	5.36	625	34	9,284	5.23	488	6-72		35	442	.04	26	40
52-07-0034	2582953	595252	8-64	6	305	12,721	5.04	641	35	9,710	5.24	509	9-72		42	497	-.06	19	36
52-07-0034	2615975	534755	3-63	8	305	10,946	5.43	594	36	9,043	5.24	474	8-72		42	450	.02	24	38
52-07-0034	2714115	584458	3-67	3	305	13,060	4.56	596	29	10,237	5.16	528	5-72		42	586	-.12	17	38
52-07-0034	2735005	584458	5-67	3	305	14,147	4.61	652	36	10,147	5.17	525	11-72		42	721	-.12	24	49
52-07-0034	2799488	584884	8-62	3	305	15,210	5.04	767	38	9,760	5.24	511	5-72		32	851	.02	44	72
52-07-0044	2693270	602658	11-66	4	305	12,597	4.46	562	62	9,737	4.99	486	9-72		42	791	-.23	16	46
52-07-0044	2755246	584458	12-67	4	305	12,138	5.22	634	26	10,703	5.05	541	2-73		43	443	-.01	21	36
52-07-0044	2770201	563805	12-68	3	270	15,130	4.63	701	31	11,353	5.07	576	1-73		41	727	-.05	31	56
52-07-0044	2808935	583958	8-69	2	305	14,235	4.49	639	38	10,455	5.00	523	10-72		40	646	-.11	21	44
52-15-0008	2724104	584458	7-67	3	305	12,163	4.94	601	21	9,387	4.94	464	12-72		42	560	-.04	24	43
52-15-0008	2724108	584458	9-67	3	300	11,430	5.10	583	23	9,467	4.99	472	5-72		42	468	-.02	21	37
52-33-0019	2435842	589136	6-61	7	305	12,666	5.14	651	36	9,669	5.00	483	2-73		41	609	.03	33	52
52-33-0019	2511768	596011	8-62	7	296	13,021	4.95	645	20	9,523	4.90	467	12-72		36	541	.01	28	45
52-33-0019	2533661	592556	8-63	6	305	12,377	4.92	609	52	9,888	4.99	493	1-73		36	535	.00	26	44
52-33-0019	2597193	592556	12-64	5	305	11,952	5.61	670	41	10,086	4.99	503	3-72		36	448	.11	33	46
52-60-0019	2772855	571382	8-68	3	302	11,443	4.74	542	7	9,917	5.13	509	6-72		42	641	-.19	13	37
52-68-0020	2574976	572137	10-64	6	305	13,167	5.25	691	46	11,363	5.06	575	9-72		42	304	.13	28	36
52-68-0020	2696622	605257	1-68	2	305	15,695	5.08	797	28	10,565	5.25	555	11-71		30	685	.04	38	60
52-68-0020	2697247	605257	9-68	3	305	14,640	5.24	767	31	11,063	5.09	563	12-72		33	569	.09	37	54
52-68-0020	2725040	605257	8-67	3	305	15,006	4.71	707	26	11,263	5.25	591	3-72		33	596	-.04	26	46
52-68-0020	2725723	563805	7-67	2	305	14,145	4.11	581	35	11,240	5.13	577	1-73		38	583	-.12	17	38
52-68-0020	2801362	571382	4-69	2	305	12,240	5.02	614	38	10,425	4.93	514	10-72		40	672	-.14	19	43
52-75-0027	2366476	542984	10-59	9	305	12,246	4.91	601	21	9,438	5.10	481	5-72		36	467	-.03	20	36
52-75-0027	2690809	591297	7-66	4	305	12,858	5.09	655	16	9,403	5.00	470	6-72		42	537	.06	33	50
52-75-0027	2690812	595252	7-66	5	305	13,426	4.61	619	24	9,058	5.00	453	12-72		42	663	-.10	23	46
52-75-0027	2735422	584458	10-67	3	305	12,497	5.27	658	27	10,113	5.07	513	3-72		42	532	.00	26	43

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	C REPT	O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOLLARS
52-81-0012	2599847	594673	12-64	5	305	13,392	4.95	663	64	9,816	5.10	501	6-72	36	510	-.01	24	$ 41
52-81-0012	2722184	584458	7-67	3	305	14,277	4.45	636	18	9,910	5.12	507	6-72	42	758	-.13	24	51
52-81-0012	2764254	584458	5-68	3	303	13,483	4.52	609	25	10,027	5.12	513	6-72	42	655	-.12	20	43
52-81-6039	2718080	602658	1-67	4	303	13,987	4.16	582	25	9,980	5.15	514	10-72	42	942	-.30	16	52
52-81-6039	2722177	584458	9-67	4	300	13,213	4.61	609	16	10,398	4.99	519	2-73	43	607	-.10	20	41
52-82-0016	2730442	584458	6-67	3	283	11,960	5.18	620	15	9,560	5.42	518	5-72	42	521	-.05	21	39
54-13-0008	2685660	580836	9-66	3	305	13,840	5.01	694	8	10,613	5.11	542	2-72	41	462	.02	25	40
54-13-0008	2770155	609440	9-68	2	305	13,300	5.25	698	11	10,085	4.90	494	6-72	29	468	.05	28	43
54-13-0008	2848660	583958	9-70	1	305	14,320	5.19	743	12	10,898	5.05	550	1-73	36	534	-.02	24	42
54-13-0020	2598189	549809	1-65	6	263	11,565	4.63	535	18	8,982	4.95	445	3-73 B	43	572	-.12	16	37
54-13-0026	2326142	565181	11-58	7	302	10,376	5.97	619	17	8,716	5.36	467	1-73	35	301	.14	28	36
54-13-0026	2365592	565181	7-59	6	299	12,117	5.31	643	9	8,620	5.51	475	8-72	35	576	.03	31	49
54-17-0014	2616997	583333	11-65	6	300	14,642	4.53	664	17	10,700	5.10	546	11-72	43	666	-.16	17	41
54-46-0001	2427301	535925	2-58	11	300	14,729	4.49	662	13	9,480	5.04	478	5-72	36	773	-.10	28	55
54-46-0001	2642844	603192	7-65	5	305	13,478	5.88	792	20	10,888	5.03	548	5-72	38	352	.18	35	44
54-46-0001	2660303	603192	11-65	5	305	17,960	4.67	838	20	10,914	4.98	543	6-72	38	999	-.07	42	76
54-46-0001	2791447	556095	1-69	2	305	16,495	5.66	933	20	9,290	5.24	487	9-72	40	887	.07	51	79
54-46-0001	2835159	556095	1-70	2	305	15,270	4.91	749	15	9,625	5.11	492	3-73	40	735	-.04	32	57
55-10-6004	2551281	497574	11-63	3	297	13,097	4.97	651	49	10,017	5.03	504	9-72	42	671	-.01	32	54
55-10-6004	2698955	584259	9-66	5	304	12,986	4.93	640	55	9,378	5.07	475	9-72	37	542	.01	28	46
55-10-6004	2724697	595030	5-67	4	299	13,873	4.89	678	70	10,213	4.95	506	6-72	37	555	.03	30	48
55-10-6004	2726928	603548	4-67	5	301	14,834	4.56	676	57	10,160	4.92	500	2-73	36	774	-.08	30	57
55-10-6004	2728412	576127	8-67	4	298	12,243	5.66	693	34	9,815	5.06	497	11-72	42	408	.14	34	45
55-10-6004	2789478	593883	12-68	2	298	12,210	4.77	582	83	10,210	4.99	509	6-72	38	473	.05	28	43
55-10-6004	2793057	593883	1-69	3	297	11,463	5.13	588	64	10,463	4.86	508	4-73	41	382	.10	29	40
55-10-6004	2794673	593883	2-69	2	185	11,425	5.01	572	81	10,120	5.02	508	6-72 B	38	399	.07	27	39
55-10-6009	2679541	600590	5-66	5	302	12,126	4.96	601	173	9,188	4.98	458	1-73	36	419	.03	24	37
55-10-6009	2731129	600590	6-67	4	295	11,735	5.54	650	174	9,143	5.00	457	9-72	35	350	.14	31	40
55-10-6009	2793055	593883	1-69	2	298	12,875	4.96	638	240	9,350	4.91	459	11-72	38	615	.08	38	57
55-10-6009	2793062	593883	1-69	2	296	12,110	4.76	577	254	9,785	4.73	463	4-72	38	498	.06	31	46
55-10-6009	2794658	593883	2-69	2	305	12,485	4.94	617	255	9,695	4.72	458	5-72	38	548	.09	36	52
55-10-6009	2855878	584259	11-70	1	305	13,700	5.12	702	187	9,470	4.91	465	1-73	26	385	.05	24	36
55-10-6009	2863866	602658	1-71	1	305	11,910	4.40	524	94	9,510	4.79	456	4-73	35	662	-.21	12	37
55-10-6009	2863873	602658	1-71	1	305	14,450	4.15	599	149	9,520	4.86	463	3-73	35	855	-.24	18	50
55-10-6009	2863876	602658	1-71	1	151	13,830	4.14	573	190	9,480	4.88	463	2-73 A	35	811	-.24	16	46
55-10-6009	2863877	602658	1-71	1	305	11,000	5.01	551	149	9,520	4.86	463	3-73	35	592	-.15	14	36
55-10-6009	2864020	602658	2-71	1	305	13,280	4.00	531	149	9,520	4.86	463	3-73	35	766	-.25	13	42
55-10-6009	2871686	602658	4-71	1	305	13,660	4.29	586	149	9,520	4.86	463	3-73	35	795	-.22	17	47
55-29-0043	2850048	611085	8-69	2	284	11,725	4.84	568	112	7,960	4.99	397	8-72 B	30	570	-.02	26	45
55-29-0043	2850058	611085	10-69	2	282	11,585	4.38	508	112	7,960	4.99	397	8-72 B	30	553	-.08	19	38
55-29-0043	2859061	611085	7-70	1	158	13,400	5.10	684	117	8,310	5.23	435	11-72 B	24	601	.00	30	50
55-29-0043	2870778	593883	8-70	1	138	12,030	5.95	716	94	8,760	5.16	452	12-72 B	34	506	.16	41	55
55-44-0037	2758694	576127	7-67	4	295	11,368	5.65	642	30	9,493	5.22	496	11-72	42	330	.12	28	37
55-48-0042	2493373	593839	10-60	10	302	12,417	5.56	691	20	10,675	4.82	515	11-72	36	404	.12	32	43
55-48-0042	2768944	608387	11-68	3	305	16,473	4.32	712	20	11,080	4.66	516	10-72	29	818	-.10	30	58
55-48-0042	2794152	611085	7-69	2	305	14,740	4.46	657	19	11,720	4.53	531	11-72	30	571	-.04	24	43
55-48-0042	2794154	611085	8-69	2	305	15,590	4.43	691	16	11,215	4.58	514	2-73	30	720	-.06	30	54
55-48-0042	2832901	602658	7-70	1	305	15,490	3.89	603	17	12,270	4.69	575	11-72	35	767	-.27	11	40
55-48-0042	2840521	611085	10-70	1	305	15,860	4.43	703	20	11,320	4.63	524	10-72	24	606	-.05	25	46
55-59-0015	2549405	595331	9-63	6	305	12,793	4.86	622	26	8,152	5.07	413	5-72	32	698	-.03	32	55
55-59-0019	2794985	585350	1-69	2	305	11,220	5.56	624	43	8,805	5.08	447	9-72	40	354	.18	35	44
55-59-0019	2816361	585350	12-69	1	305	13,010	5.53	720	22	10,220	5.01	512	4-72	35	350	.18	35	4[illegible]
55-59-0019	2816763	585350	9-69	2	305	12,095	5.32	643	31	10,075	5.00	504	12-72	40	340	.16	32	[illegible]
55-59-0019	2837708	585350	5-70	1	305	11,830	5.01	593	39	9,110	5.12	466	9-72	35	328	.12	28	37
55-59-0019	2861151	585350	11-70	1	305	12,100	4.96	600	39	9,550	5.07	484	11-72	35	322	.11	27	36
55-61-0010	2503903	534755	1-63	7	305	13,953	4.66	650	42	9,429	4.97	469	3-73	42	812	-.08	32	60
55-61-0010	2683053	562315	7-66	4	305	12,605	5.13	647	42	9,538	4.97	474	3-72	43	424	.03	24	37
55-61-0010	2735433	584458	11-67	3	305	12,693	5.06	642	75	9,283	5.08	472	8-72	42	632	-.03	28	49
55-61-0010	2735440	584458	11-67	3	302	11,797	4.87	574	75	9,283	5.08	472	8-72	42	528	-.06	20	38
55-61-0010	2735447	584458	9-67	3	305	12,410	4.79	594	34	9,783	4.96	485	4-72	42	552	-.06	21	40
55-61-0010	2806600	583958	10-69	2	305	13,725	4.44	609	66	10,540	4.96	523	2-73	40	588	-.11	18	39
55-61-0010	2854621	602658	4-71	1	305	13,870	4.61	640	23	11,770	4.93	580	3-73	35	673	-.19	14	39
55-61-0014	2778529	610075	10-68	2	300	11,660	4.93	575	12	7,625	5.04	384	6-72	25	467	.00	23	38
55-79-0072	2827159	583950	9-68	1	305	13,220	4.84	640	14	9,000	4.76	428	3-72	36	564	-.04	24	43
55-79-0072	2847412	607857	3-69	3	281	13,593	5.05	687	42	10,226	5.07	518	2-73	32	521	.00	26	43
55-83-0021	2614894	564125	10-64	5	300	12,172	4.92	599	13	8,740	4.98	435	1-72	44	480	-.01	23	39
55-83-0021	2665605	589634	1-66	4	305	10,205	5.02	512	18	7,612	4.91	374	8-71	36	455	-.02	21	36
55-83-6035	2733362	601051	3-67	4	305	12,980	5.11	663	22	10,703	4.81	515	11-72	30	388	.05	24	36
55-83-6035	2876872	604802	1-67	1	305	15,880	4.03	640	32	9,590	4.57	438	5-72	23	697	-.10	24	48
55-91-0046	2712292	597210	3-67	4	299	12,880	5.57	718	33	9,055	5.54	502	7-72	[illegible]	500	.07	32	47
55-91-0046	2757440	594039	5-68	3	304	12,090	6.09	736	50	9,036	5.48	495	9-72	33	433	.16	37	49
55-91-0046	2780522	582400	8-68	3	305	12,167	5.36	652	50	10,030	5.60	562	12-72	41	551	-.05	22	41
55-91-0046	2780524	560800	9-68	2	305	13,540	5.58	755	44	9,995	5.59	559	2-72	40	579	.01	30	49
55-91-0046	2780528	583958	1-69	3	305	13,087	5.66	741	29	10,747	5.68	610	3-73	42	533	.00	26	43
55-91-0046	2780529	584458	1-69	3	294	12,520	5.51	690	42	10,813	5.65	611	1-73	42	469	-.03	20	36
55-91-0046	2804376	582400	4-69	2	305	11,075	6.13	679	40	9,670	5.58	540	7-72	39	448	.03	25	39
55-91-0046	2804378	578382	5-69	2	305	15,165	5.04	765	32	9,960	5.62	560	5-72	39	847	-.12	30	60
55-91-0046	2804391	583958	11-69	2	305	14,650	5.86	858	40	10,555	5.63	594	2-73	40	680	.04	38	60
55-91-0046	2804392	497574	12-69	2	294	11,790	5.95	702	50	10,715	5.55	595	12-72	40	444	.05	27	41
55-91-0046	2827132	582400	3-70	2	305	13,360	5.40	721	23	10,955	5.61	615	4-73	39	578	-.06	23	43
55-91-0046	2831738	605058	7-68	3	305	14,383	5.00	719	64	10,356	5.49	569	1-73	32	568	-.05	23	42
55-91-0046	2848889	578382	12-70	1	305	13,120	5.25	689	46	10,300	5.57	574	12-72	35	545	-.10	17	36
55-91-0046	2866110	605897	5-70	1	304	12,570	4.82	606	64	9,210	5.48	505	9-72	33	549	-.06	21	40
56-03-0006	2651869	593756	10-63	4	300	13,480	4.88	658	87	9,503	4.70	447	12-72	33	581	.02	31	50
56-05-0041	2702073	560800	9-66	4	296	12,815	4.32	554	96	9,808	4.69	460	12-72	43	579	-.10	19	39

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT	D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
56-05-0041	2721284	584458	8-67	3	305	15,497	4.23	656	93	9,670	4.63	448	8-72		42	923	-.13	32	$ 64
56-05-0041	2843871	602658	9-70	1	305	14,830	4.38	650	24	9,470	4.66	441	11-72		35	888	-.20	23	55
56-16-0018	2628027	600813	11-65	6	295	11,632	5.66	658	25	8,645	5.16	446	11-72		36	363	.13	31	41
56-16-0018	2638451	601501	7-65	5	302	12,562	4.79	602	10	8,846	4.95	438	12-72		32	573	-.02	26	45
56-24-0030	2458512	587966	11-61	3	305	13,117	5.02	658	46	8,833	4.99	441	12-72		29	596	.02	31	50
56-24-0030	2771657	602194	1-68	3	300	12,640	4.87	615	40	8,660	5.02	435	12-72		32	533	-.01	25	43
56-31-0004	2612142	598634	9-65	4	305	13,507	4.72	638	32	10,157	4.86	494	6-72		35	615	-.07	23	44
56-31-0004	2688921	598437	8-66	4	301	14,430	4.82	695	25	10,230	4.75	486	9-72		35	589	-.01	28	47
56-31-0004	2831347	585350	1-70	1	305	15,360	4.36	670	27	11,530	4.65	536	4-72		35	448	.07	29	43
56-31-0004	2872047	602658	10-69	2	305	15,205	3.84	584	53	11,020	4.49	495	1-73		39	914	-.27	17	51
56-31-0008	2366143	518988	9-59	5	293	16,228	4.62	749	19	10,576	5.15	545	8-72		44	638	-.07	25	47
56-31-0008	2794344	595552	9-67	1	305	15,770	5.33	840	14	11,530	5.36	618	1-72		24	446	.01	23	37
56-31-0008	2863776	602658	1-71	1	305	15,340	4.23	649	7	10,700	4.92	530	4-73		35	846	-.24	17	49
56-36-0001	2667568	591382	5-64	6	305	13,035	5.16	673	24	10,173	5.34	543	4-72		36	421	.01	22	36
56-36-0001	2838206	604694	7-70	1	305	13,690	5.44	745	61	11,920	5.45	650	1-73		35	450	.01	23	38
56-36-0023	2380278	578330	12-59	9	305	16,427	5.35	879	123	11,192	5.17	579	9-72		41	713	.09	44	66
56-36-0023	2523069	563805	1-63	8	304	14,425	5.28	761	126	11,670	5.16	602	1-73		43	651	.06	38	58
56-36-0023	2535060	595442	8-63	6	303	14,893	5.14	766	122	11,833	5.14	608	7-72		33	554	.02	29	47
56-36-0023	2545185	508078	8-63	7	304	13,814	4.95	684	110	11,640	5.18	599	6-72		43	475	.02	25	40
56-36-0023	2545198	575184	9-63	7	304	16,187	4.75	769	103	12,191	5.13	626	3-73		44	620	-.09	22	44
56-36-0023	2545201	575184	10-63	6	305	17,323	5.05	875	122	11,636	5.12	596	10-71		44	824	-.02	39	66
56-36-0023	2545202	563805	10-63	7	301	12,976	5.26	683	111	11,556	5.11	590	6-72		43	471	.06	29	43
56-36-0023	2545216	563805	11-63	8	303	13,284	5.32	707	115	12,013	5.14	618	3-73		43	463	.06	29	43
56-36-0023	2593785	575184	10-64	7	305	14,241	5.06	720	147	11,110	5.17	574	11-72		44	481	-.03	21	37
56-36-0023	2616413	578330	8-65	6	304	15,118	4.92	744	120	11,472	5.16	592	4-73		41	503	-.01	24	41
56-36-0023	2616419	596957	9-65	5	305	17,018	4.91	835	127	11,346	5.16	586	2-72		35	945	-.04	43	74
56-36-0023	2655840	596957	8-65	3	304	16,083	5.43	874	157	12,580	5.12	644	7-72		32	590	.08	37	55
56-36-0023	2659263	604086	5-66	5	304	14,048	5.07	712	99	11,800	5.11	603	5-72		36	493	.00	24	40
56-36-0023	2682411	578330	6-66	5	290	16,350	4.89	800	132	11,694	5.17	604	12-72		41	647	-.02	30	51
56-36-0023	2696519	605311	5-67	2	303	15,335	4.92	754	118	12,260	5.11	626	6-72		29	575	-.03	25	44
56-36-0023	2723016	604086	6-67	4	305	15,530	4.95	769	121	12,020	5.13	617	4-73		35	666	-.03	30	52
56-36-0023	2723020	604086	5-67	4	305	16,712	4.90	819	134	12,155	5.15	626	2-73		35	820	-.05	36	64
56-36-0023	2739755	604086	12-67	4	304	15,890	5.07	806	146	12,027	5.19	624	11-72		35	716	-.01	34	58
56-36-0023	2739766	604086	10-67	3	305	14,556	4.99	727	100	12,410	5.14	638	3-73		33	456	-.02	21	36
56-36-0023	2739784	604086	8-67	4	305	14,020	5.09	714	146	11,817	5.17	611	12-72		35	472	-.01	22	38
56-36-0023	2739799	605311	8-67	4	305	14,450	5.00	722	138	11,947	5.16	616	8-72		34	567	-.02	26	45
56-36-0023	2739807	593648	7-67	4	305	16,507	4.87	804	126	11,965	5.13	614	6-72		40	618	-.05	26	47
56-36-0023	2750412	605311	6-67	4	304	14,325	5.04	722	144	11,890	5.16	614	8-72		34	556	-.02	26	44
56-36-0023	2752578	605311	9-67	3	305	14,740	4.85	715	109	12,406	5.12	635	3-72		32	530	-.04	22	40
56-36-0023	2755117	604086	12-67	3	305	14,390	5.00	720	133	12,130	5.17	627	1-72		33	464	-.02	21	36
56-36-0023	2755123	578330	12-67	3	305	16,253	4.98	809	127	12,447	5.14	640	8-72		39	486	.01	25	41
56-36-0023	2768793	605311	5-68	3	305	14,580	4.94	720	124	12,360	5.12	633	6-72		32	514	-.02	23	40
56-36-0023	2788700	608318	11-68	3	303	18,410	4.54	836	107	13,400	5.10	684	2-73		32	942	-.13	33	66
56-36-0023	2788708	605311	1-69	3	303	15,930	4.83	769	105	13,336	5.08	677	2-73		32	591	-.05	24	44
56-36-0023	2796385	604086	5-69	2	305	16,230	4.73	768	89	13,480	5.05	681	2-72		30	516	-.07	19	37
56-36-0023	2807046	608318	8-69	2	305	14,535	4.98	724	147	12,245	5.17	633	9-72		29	502	-.03	22	39
56-36-0023	2807049	608318	8-69	2	305	15,370	5.07	779	151	12,350	5.15	636	8-72		29	593	-.01	28	48
56-36-0023	2807050	608318	8-69	2	305	15,150	4.87	738	147	12,245	5.17	633	9-72		29	576	-.05	24	44
56-36-0023	2807052	585350	8-69	2	305	16,325	4.78	781	148	12,335	5.16	637	9-72		40	587	.07	36	54
56-36-0023	2816100	609846	9-69	2	305	18,265	4.79	874	147	12,320	5.17	637	9-72		29	920	-.07	38	69
56-36-0023	2816116	585350	10-69	2	305	17,195	5.11	878	135	12,590	5.15	649	11-72		40	655	.12	44	64
56-36-0023	2816122	609846	10-69	2	305	15,125	4.83	730	141	12,670	5.13	650	12-72		29	506	-.05	20	37
56-36-0023	2816123	593148	10-69	2	305	16,790	4.84	813	121	12,435	5.11	635	6-72		38	500	-.03	22	39
56-36-0023	2816129	585350	10-69	2	305	14,795	4.97	735	136	12,685	5.10	647	2-73		40	402	.10	30	42
56-36-0023	2824839	605311	12-69	2	305	17,295	4.96	857	113	13,220	5.10	674	2-73		29	717	-.02	33	57
56-36-0023	2824841	585350	12-69	2	304	14,930	5.04	753	123	12,970	5.14	667	12-72		40	393	.11	30	41
56-36-0023	2826734	585350	1-70	2	305	16,580	4.98	825	122	13,210	5.12	676	1-73		40	541	.10	37	53
56-36-0023	2839477	609846	5-70	1	305	18,060	4.94	892	101	12,860	5.14	661	5-72		25	673	-.03	30	53
56-36-0023	2839480	609846	5-70	1	305	18,440	4.75	875	101	12,860	5.14	661	5-72		23	708	-.07	28	52
56-36-0023	2839481	609846	5-70	2	300	16,565	4.76	788	101	13,170	5.10	672	3-73		29	632	-.07	24	46
56-36-0023	2839487	609846	6-70	1	305	16,770	4.99	837	104	12,340	5.19	640	6-72		23	594	-.03	26	46
56-36-0023	2839495	585350	6-70	1	305	14,340	5.28	757	132	12,200	5.28	644	9-72		35	331	.14	30	39
56-36-0023	2839497	603511	6-70	1	305	15,960	4.97	793	100	12,960	5.13	665	5-72		24	483	-.02	22	38
56-36-0023	2905901	593148	7-70	1	305	18,230	5.10	929	131	12,980	5.17	671	1-73		33	440	.00	22	36
56-36-0024	2450706	584562	8-61	7	305	14,294	5.46	780	40	9,611	5.24	504	2-72		43	642	.08	40	60
56-36-0024	2585605	582554	10-60	7	305	13,231	4.62	611	38	9,399	5.29	497	1-72		35	703	-.13	22	47
56-36-0024	2664141	593327	7-66	4	305	12,550	5.16	648	59	8,855	5.31	470	9-72		34	512	.01	26	43
56-36-0026	2681979	591179	1-66	5	302	13,416	4.86	655	62	10,036	5.08	510	12-72		35	640	-.06	26	48
56-36-0026	2736456	[illegible]	8-67	4	305	13,435	5.23	702	98	10,842	5.33	578	1-73		35	423	.01	22	36
56-36-0026	2750390	[illegible]	9-67	3	234	13,943	4.95	690	62	10,606	5.22	554	9-72		34	481	-.03	21	37
56-36-0026	2759710	[illegible]	1-68	3	305	13,873	5.21	723	41	9,950	5.25	522	3-73		33	511	.03	28	44
56-36-0026	2772837	585350	10-68	2	305	13,385	5.25	703	35	11,105	5.11	568	3-73		40	387	.14	33	43
56-36-0026	2840472	593382	2-70	1	305	13,780	5.08	700	42	10,830	5.27	571	5-72		35	563	-.10	18	38
56-36-0026	2860479	578382	9-70	1	305	17,510	4.93	864	74	11,610	5.20	604	2-73		35	801	-.10	29	57
56-36-0027	2726464	607000	9-67	3	305	12,196	4.69	572	42	8,633	4.98	430	10-72		32	506	-.06	19	37
56-36-0028	2445801	578146	8-61	9	305	12,442	5.14	639	69	9,593	5.21	500	7-72		38	498	.00	25	41
56-36-0028	2567226	578146	1-64	8	299	12,207	5.18	632	70	9,893	5.23	517	1-73		38	429	.01	22	36
56-36-0028	2567227	578146	2-64	7	295	12,160	5.02	612	63	9,441	5.24	495	9-71		38	478	-.02	22	38
56-36-0028	2567232	597492	6-64	6	303	13,308	5.11	680	76	9,522	5.23	498	9-72		36	687	.00	34	56
56-36-0028	2569549	497574	10-63	7	304	13,293	5.00	665	53	10,623	5.19	551	5-72		44	467	-.03	30	51
56-36-0028	2613826	497574	11-63	7	304	12,317	5.09	627	82	10,231	5.20	532	1-73		44	581	-.02	27	46
56-36-0028	2682301	603631	9-66	4	305	13,370	5.16	700	61	10,782	5.24	565	3-72		35	504	.01	26	42
56-36-0028	2690821	603631	9-66	5	302	14,718	5.17	761	64	10,786	5.23	564	11-72		36	693	.02	36	58
56-36-0028	2719313	578146	3-67	3	305	13,793	5.18	714	61	10,850	5.30	575	7-72		35	503	.00	25	41
56-36-0028	2735388	603631	10-67	4	303	13,322	5.10	680	53	11,140	5.18	577	3-73		35	428	.01	22	36

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C O	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
56-36-0028	2833814	602754	8-69	2	305	12,880	4.98	641	96	10,015	5.19	520	9-72	37	612	-.02	28	$ 48
56-36-0028	2835536	603631	1-70	2	305	14,710	4.92	723	72	11,095	5.10	566	12-72	30	539	-.02	25	43
56-36-0028	2917466	585350	12-70	1	305	15,120	4.85	734	108	11,720	5.15	603	1-73	35	419	.09	30	42
56-36-0038	2500289	580332	9-62	8	300	13,533	5.05	684	109	10,424	5.26	548	7-72	36	486	-.01	23	39
56-36-0038	2531761	591179	8-63	7	304	13,341	5.18	691	90	10,620	5.15	547	3-73	35	558	-.01	27	45
56-36-0038	2548949	592718	10-63	7	300	14,649	4.51	661	122	10,417	5.30	552	10-72	36	619	-.12	19	41
56-36-0038	2559001	593148	11-63	7	305	18,719	5.53	1035	45	11,414	5.21	595	3-72	42	1,012	.11	62	93
56-36-0038	2559007	594192	2-64	6	303	14,236	4.98	709	84	11,380	5.21	593	12-71	36	523	-.04	22	40
56-36-0038	2666535	594192	12-65	4	305	15,992	4.98	797	89	11,055	5.24	579	10-72	35	791	-.03	36	62
56-36-0038	2795405	585350	2-69	2	305	11,825	5.18	613	108	9,810	5.33	523	11-72	40	334	.12	28	37
56-36-0038	2882317	608319	3-70	1	305	15,120	5.22	790	130	10,910	5.29	577	9-72	23	500	-.01	24	40
56-36-0040	2604840	598634	7-66	5	305	13,950	4.21	587	112	10,382	5.23	543	1-73	36	672	-.23	10	36
56-36-0040	2714825	571382	11-66	3	305	13,777	4.79	660	62	11,257	5.00	563	2-72	42	788	-.18	21	50
56-36-0040	2739788	605311	8-67	4	305	13,927	4.98	694	114	10,622	5.14	546	4-73	34	645	-.02	30	51
56-36-0040	2751516	602853	11-67	3	305	15,213	4.64	706	87	11,290	5.16	583	4-72	34	576	-.09	20	40
56-36-0040	2789555	600211	5-69	2	305	14,565	4.83	704	92	11,735	4.96	582	2-73	39	491	.00	24	40
56-36-0051	2527917	588474	7-63	8	289	13,099	5.31	696	17	11,034	5.10	563	2-73	39	489	.00	24	40
56-36-0051	2583268	594192	7-64	6	304	13,978	4.97	695	64	10,945	5.24	573	2-73	36	536	-.04	23	41
56-36-0051	2675711	563805	7-66	5	294	13,396	4.94	662	33	11,140	5.05	563	12-72	43	571	.01	29	48
56-36-0051	2694251	588474	12-66	4	300	12,918	4.41	570	14	9,533	5.14	490	7-72	37	614	-.16	14	37
56-36-0051	2716486	606291	7-67	4	269	13,260	5.51	731	44	11,327	5.07	574	12-72	34	491	.09	33	48
56-36-0051	2718072	602658	2-67	4	280	11,755	4.73	556	50	10,337	4.84	500	8-72	42	624	-.17	14	37
56-36-0051	2757655	571382	5-68	3	305	16,460	4.74	781	17	10,543	4.90	517	7-72	42	1,167	-.17	40	81
56-36-0051	2770048	571382	9-68	3	296	14,270	4.53	646	37	11,770	5.00	588	1-73	42	798	-.21	18	48
56-36-0051	2802751	604694	10-69	2	273	10,445	5.69	594	30	9,285	5.11	474	8-72	39	377	.07	15	36
56-36-0051	2823030	606445	12-69	2	231	15,620	4.60	718	33	11,675	4.86	567	3-73	36	561	-.05	23	42
56-36-0051	2828133	600211	6-70	1	305	12,970	5.43	704	32	9,270	4.95	459	7-72	35	441	.06	28	41
56-36-0051	2842445	602658	10-70	1	305	13,430	3.95	531	68	10,060	5.01	504	11-72	35	744	-.27	10	39
56-36-0051	2842447	602658	11-70	1	305	13,000	4.16	541	68	10,060	5.01	504	11-72	35	712	-.24	11	38
56-36-0051	2854143	602658	10-70	1	305	17,290	4.47	773	67	10,530	4.99	525	12-72	35	1,011	-.22	27	64
56-38-0056	2414840	583874	12-60	8	298	13,433	4.59	616	95	8,775	4.83	424	2-72	36	866	-.07	36	65
56-38-0056	2523175	592538	5-63	5	304	10,954	4.47	490	60	8,840	4.81	425	6-72	36	517	-.08	18	36
56-38-0056	2729056	584458	5-67	1	305	14,740	4.08	601	87	10,520	4.56	480	3-72	35	597	-.12	18	39
56-38-0056	2784958	593883	9-68	2	285	12,960	4.65	602	101	9,410	4.61	434	6-72	38	618	.05	36	55
56-39-0021	2701914	562315	12-66	4	305	12,783	4.76	608	5	9,088	5.03	457	2-72	43	491	-.03	21	38
56-42-0012	2411095	574246	9-60	7	303	13,417	4.58	614	63	10,922	4.47	488	9-72	41	546	-.03	24	42
56-42-0012	2465643	580602	1-62	9	304	12,969	4.76	617	55	10,482	4.56	478	12-72	40	543	-.03	24	42
56-42-0012	2495925	591179	12-62	8	305	16,593	4.03	668	54	10,411	4.50	469	1-73	35	1,075	-.19	33	71
56-42-0012	2531749	591179	2-63	7	303	12,522	4.58	574	51	10,215	4.46	456	11-72	35	484	-.04	20	36
56-42-0012	2577462	580602	7-64	5	305	14,304	4.19	599	58	10,714	4.51	483	7-72	40	703	-.14	21	46
56-42-0012	2585794	563805	8-64	5	305	12,732	4.84	616	86	11,330	4.70	533	5-72	43	462	.03	26	41
56-42-0012	2603752	598380	5-65	6	304	12,543	5.32	667	76	10,562	4.71	497	10-72	36	356	.14	31	40
56-42-0012	2608050	591179	8-65	5	302	16,976	3.71	630	56	11,120	4.42	491	7-72	35	1,047	-.20	25	64
56-42-0012	2614136	552298	6-63	6	305	12,978	4.44	576	57	10,603	4.52	488	4-72	36	469	-.03	20	36
56-42-0012	2705499	604935	11-66	3	302	14,110	4.34	613	57	11,193	4.37	489	6-72	33	501	-.03	22	39
56-42-0012	2724875	571382	7-67	4	305	15,313	4.09	627	73	11,178	4.46	498	12-72	43	1,000	-.25	24	61
56-42-0012	2770039	610047	8-68	3	305	15,866	4.11	652	55	11,863	4.36	517	1-73	32	752	-.13	24	51
56-42-0012	2777317	591179	6-68	3	305	14,263	3.95	564	60	10,853	4.29	466	8-72	32	615	-.14	16	38
56-42-0012	2842885	613173	9-70	1	305	15,690	4.40	691	78	10,510	4.48	471	9-72	22	539	-.04	23	41
56-43-0003	2534302	594002	12-63	7	299	11,877	5.10	606	63	9,367	4.89	458	1-73	36	403	.00	28	40
56-43-0003	2553657	546137	12-63	7	298	12,953	4.86	629	53	9,729	4.84	471	8-72	44	650	.05	37	57
56-43-0003	2563459	497574	3-64	6	302	11,498	4.77	548	54	9,735	4.84	471	5-72	44	526	-.02	24	42
56-43-0003	2632751	602810	12-65	5	305	13,082	4.92	643	48	9,888	5.17	511	1-72	35	538	-.04	23	41
56-43-0003	2704745	604819	2-67	4	301	13,088	5.13	671	54	9,458	5.09	481	2-73	33	574	.06	34	52
56-43-0003	2802546	612718	11-69	1	305	15,710	4.38	688	85	10,300	4.73	487	12-71	24	511	-.06	19	37
56-43-0003	2852372	602754	1-71	1	305	11,560	4.54	525	100	8,860	4.76	422	10-72	33	520	-.03	23	40
56-43-0003	2903158	602754	2-71	1	305	12,980	4.30	558	92	8,970	4.79	430	11-72	33	625	-.06	25	46
56-43-0012	2800958	604694	4-69	1	305	10,050	5.36	539	58	8,200	4.93	404	2-72	35	400	.03	23	36
57-16-0002	2843595	604694	9-70	1	305	13,660	5.37	733	22	10,210	5.55	567	2-73	35	553	.01	28	46
57-16-0009	2600874	560800	7-65	6	299	10,868	5.51	599	6	9,170	5.04	462	11-72	44	407	.06	26	38
57-16-0009	2673384	572331	4-66	4	305	15,227	4.54	692	5	8,872	5.16	458	8-71	39	1,208	-.17	42	84
57-21-0501	2572172	594299	4-64	6	305	13,326	5.85	779	45	8,821	5.36	473	4-73	37	654	.15	47	66
57-21-0501	2573616	563805	11-64	5	305	11,528	5.20	599	58	9,196	5.11	470	4-72	43	529	.04	30	47
57-21-0501	2585740	525627	9-64	7	301	11,324	5.18	587	69	8,210	5.42	445	9-72	43	615	-.06	24	45
57-21-0501	2732376	608160	11-67	4	303	12,987	5.09	661	65	9,487	5.28	501	2-73	35	512	.02	27	45
57-21-0501	2761068	594299	12-67	3	304	12,206	5.57	680	47	9,230	5.40	498	3-73	34	399	.07	27	39
57-21-0501	2764024	594299	3-68	2	305	13,975	4.59	642	42	9,830	5.12	503	4-72	32	503	-.06	19	36
57-21-0501	2782951	594299	10-68	2	305	20,635	4.26	883	58	9,580	5.23	501	3-72	32	1,295	-.16	47	92
57-21-0512	2582163	564125	11-64	6	304	13,278	4.50	597	25	9,810	4.95	486	2-72	44	512	-.07	18	36
57-21-0513	2517089	571291	2-63	4	305	12,248	5.44	666	78	8,973	5.54	497	1-73	43	495	.06	30	45
57-21-0513	2739133	608397	3-67	4	301	11,447	5.70	653	65	8,705	5.50	479	1-73	34	410	.09	29	41
57-21-0513	2748366	608397	1-67	4	305	12,042	5.75	692	60	8,682	5.51	478	2-73	34	499	.10	35	50
57-31-0502	2561457	497574	9-63	7	301	10,586	5.27	558	55	8,754	5.43	475	10-72	44	509	-.01	24	41
57-31-0502	2715434	576127	2-67	5	303	11,416	5.40	616	57	9,248	5.29	489	2-73	43	371	.08	26	37
57-31-0502	2715435	560800	2-67	5	301	11,082	5.15	571	82	8,756	5.38	471	1-73	44	478	-.03	21	37
57-31-0502	2736059	603463	10-67	4	299	10,995	5.16	567	79	9,342	5.33	498	1-73	37	409	.33	29	36
57-31-0502	2795410	585350	4-69	2	305	11,280	5.49	619	84	9,315	5.26	490	11-72	40	318	.16	31	39
57-31-0502	2842436	593816	5-69	2	305	12,020	5.07	609	92	9,055	5.39	488	11-72	40	463	-.03	20	36
57-31-0502	2854717	602658	11-70	1	305	11,440	5.47	626	92	9,600	5.47	525	12-72	35	620	-.15	16	39
57-31-0502	2854718	602658	11-70	1	305	11,210	5.38	603	93	9,520	5.47	521	11-72	35	608	-.16	14	36
57-31-0502	2854724	602658	11-70	1	305	12,930	4.68	605	77	9,660	5.46	527	1-73	35	731	-.22	14	41
57-31-0502	2854730	602658	12-70	1	305	11,810	5.09	601	92	9,600	5.47	525	12-72	35	649	-.18	14	38
57-31-0502	2854731	602658	12-70	1	305	13,220	4.69	620	92	9,600	5.47	525	12-72	35	757	-.21	16	44
57-36-0507	2842107	573431	10-70	1	305	10,990	5.44	598	12	7,190	5.12	368	3-73	35	462	.04	27	41
57-61-0008	2700971	603945	6-65	4	293	13,388	4.51	604	31	10,033	4.94	498	1-72	30	581	-.08	18	37

TABLE 4. JERSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
57-66-0016	2543269	567370	7-63	4	301	11,538	5.19	599	44	8,378	5.23	438	2-72		44	530	.00	26	$ 43
57-66-0016	2681949	602754	10-66	3	299	10,253	5.16	529	55	8,050	5.32	428	2-73		39	518	-.01	25	42
57-66-0016	2726274	604821	7-67	4	305	11,680	5.23	611	24	8,595	5.41	465	8-72		35	596	.00	29	49
57-66-0016	2729696	602754	8-67	3	305	12,813	4.86	623	45	7,866	5.25	413	11-72		39	846	-.04	38	66
57-66-0016	2766525	604821	8-68	3	305	10,740	5.20	559	32	8,353	5.36	448	10-72		33	470	.00	23	38
57-66-0016	2766531	604821	7-68	1	305	12,860	4.73	608	38	7,970	5.26	419	8-71		24	612	-.05	25	46
57-66-0016	2781961	602754	2-69	3	299	10,240	5.27	540	44	8,806	5.35	471	1-73		39	444	.00	22	37
57-66-0016	2786315	604821	11-68	3	305	11,556	4.92	568	61	8,406	5.35	450	2-73		33	574	-.04	24	43
57-66-0016	2805868	604821	6-69	2	305	12,005	5.12	615	45	8,165	5.28	431	12-72		30	616	.00	30	50
57-80-0001	2679406	571382	8-66	5	301	13,116	4.66	611	33	9,032	4.99	451	8-72		44	957	-.19	28	62
57-80-0001	2741976	571382	7-67	4	305	11,143	4.50	501	44	9,193	5.01	461	12-72		43	679	-.22	12	38
57-80-0001	2856024	602658	1-71	1	305	10,710	5.53	592	45	9,570	4.88	467	2-73		35	566	-.11	17	37
57-80-0001	2856025	602658	2-71	1	305	11,510	4.63	533	45	9,570	4.88	467	2-73		35	628	-.19	12	36
57-81-0001	2695372	571382	9-65	6	305	12,042	4.74	571	34	9,677	5.27	510	11-72		44	750	-.20	17	45
57-81-0001	2679418	584458	7-66	4	305	11,523	5.16	595	36	9,583	5.11	490	1-72		43	678	-.03	21	37
57-81-0001	2713050	571382	2-67	4	305	11,570	4.36	505	37	9,378	5.16	484	9-72		43	713	-.25	10	37
57-81-0001	2741974	571382	7-67	4	305	11,583	4.42	512	36	9,550	5.29	505	11-72		43	698	-.25	9	36
57-81-0001	2786017	571382	10-68	3	305	12,073	4.70	567	31	10,050	5.29	532	11-72		42	702	-.22	13	39
57-81-0001	2736022	605897	1-69	3	305	11,766	5.19	611	29	10,463	5.04	527	3-73		39	442	.01	23	37
57-81-0001	2799640	573431	4-69	2	305	12,290	5.47	672	29	10,510	5.05	531	11-72		39	400	.06	26	38
57-81-0001	2799645	573431	6-69	2	305	12,950	5.10	660	34	10,280	5.13	527	11-72		39	488	.01	25	41
57-81-0001	2812909	573431	9-69	2	305	12,190	5.60	683	37	10,025	5.12	513	10-72		39	430	.08	29	42
57-81-0001	2812915	571382	10-69	2	305	13,660	4.99	681	32	10,240	5.25	538	12-72		40	832	-.17	24	54
57-81-0001	2846323	560800	8-70	1	305	14,420	4.69	677	25	11,220	5.03	564	2-73		35	488	-.05	19	36
57-88-0001	2602133	560800	1-65	6	303	12,067	5.06	610	38	9,413	5.12	482	3-73		44	538	-.02	25	43
57-88-0001	2602139	560800	2-65	4	305	10,950	5.85	641	39	9,400	5.28	496	9-72		43	387	.08	27	38
57-88-0001	2664856	560800	12-65	5	289	11,680	4.99	583	24	9,620	5.09	490	3-73		44	466	-.02	21	37
58-03-9004	2676266	584458	9-66	4	301	10,778	4.76	513	23	8,250	4.88	403	1-72		43	518	-.06	20	38
58-03-9009	2761252	573431	7-68	3	301	10,690	4.66	498	22	8,190	4.84	396	10-72		41	450	-.01	21	36
58-05-0011	2698161	560800	10-65	5	298	11,880	4.61	548	109	8,266	4.62	382	2-73		44	634	-.04	27	48
58-05-0017	2748277	604694	12-70	1	305	13,320	4.62	616	64	8,590	4.62	397	3-73		35	626	-.02	29	50
58-05-0037	2755714	608120	2-68	3	303	13,016	4.90	638	40	9,790	4.70	460	8-72		37	420	.04	25	38
58-05-0037	2257853	593816	8-70	1	305	15,760	4.66	734	79	10,380	4.85	503	12-72		35	599	-.05	25	45
58-05-0037	2705786	583958	8-70	1	305	13,390	5.15	690	79	10,570	4.84	512	2-73		36	484	-.01	23	39
58-08-0005	2824264	594664	12-69	2	305	15,025	4.28	643	20	9,345	4.68	437	3-73		39	748	-.18	19	46
58-08-0005	2836710	593816	8-69	2	298	13,575	4.52	613	21	9,330	4.56	425	10-72		40	599	-.05	25	45
58-08-0005	2832193	593816	10-69	2	302	13,950	4.27	595	22	9,480	4.61	437	2-73		40	625	-.09	22	44
58-16-0056	2724031	584458	3-67	1	301	13,940	4.73	659	235	8,540	4.70	401	12-72		35	656	-.05	27	49
58-16-0056	2738459	584458	11-66	1	305	11,800	4.46	526	234	7,970	4.68	373	9-72		35	529	-.07	19	37
58-16-0056	2854995	594664	11-70	1	305	14,620	4.51	660	264	8,090	4.71	381	11-72		35	651	-.14	18	42
58-16-0056	2873239	612585	4-71	1	305	14,440	4.31	622	173	9,240	4.64	429	2-73		22	556	-.07	21	40
58-49-0[illegible]	2576134	583400	8-64	5	295	12,052	4.31	520	42	8,878	4.91	436	8-72		37	595	-.13	17	38
61-06-0002	2337001	561372	7-59	10	296	12,368	4.84	599	19	9,357	4.81	450	6-72		36	550	-.01	26	44
61-06-0002	2700836	603346	10-66	4	292	13,332	5.20	693	35	10,717	4.98	534	10-72		39	471	.04	27	42
61-06-0002	2760057	595550	7-68	2	305	13,860	5.31	736	23	11,435	4.92	563	2-72		40	391	.09	28	39
61-06-0003	2800931	583958	8-69	2	278	13,040	5.00	652	22	11,190	4.90	548	3-73		40	465	-.02	21	37
61-06-0004	2548906	595550	1-64	8	304	12,765	4.84	618	44	9,989	5.11	510	1-73		44	473	.00	23	39
61-06-0004	2578053	595550	10-64	7	273	14,497	5.44	788	46	9,710	5.13	498	11-72	A	44	728	.10	46	68
61-06-0004	2701059	578382	11-66	4	305	16,543	4.36	721	38	9,870	4.98	492	8-72		42	1,133	-.19	36	76
61-06-0004	2701061	525627	12-66	5	303	12,162	5.10	620	64	9,974	5.13	512	10-72		43	539	-.06	21	40
61-06-0004	2785084	595550	12-68	3	305	14,593	5.20	759	35	10,300	5.07	522	12-72		42	621	.06	37	56
61-06-0004	2785086	595550	1-69	3	305	15,420	5.36	826	33	10,557	5.06	534	1-73		42	693	.10	44	65
61-06-0004	2813106	583958	10-69	2	305	13,135	5.09	668	61	10,770	5.16	556	11-72		40	509	-.03	22	39
61-06-0004	2813112	595550	11-69	2	305	14,165	4.86	688	29	11,060	5.01	554	2-73		40	453	.01	23	38
61-06-0009	2554345	595550	10-63	6	304	14,487	5.26	762	18	9,815	5.12	503	8-72		44	716	.07	42	64
61-06-0009	2735119	595550	12-67	3	305	13,277	5.58	741	13	9,667	5.03	486	2-72		42	526	.12	38	53
61-06-0009	2775804	595550	3-68	3	298	12,650	4.96	627	24	9,300	5.12	476	9-72		42	487	.02	26	42
61-06-0009	2823549	578382	8-69	2	305	13,630	4.97	677	28	9,485	5.24	497	9-72		39	728	-.10	26	51
61-06-0009	2823558	578382	10-69	2	305	12,185	5.61	684	28	9,425	5.25	495	10-72		39	503	-.02	27	46
61-06-0041	2776767	595550	1-68	3	305	11,383	5.31	604	11	8,967	4.98	447	7-72		42	371	.08	26	37
61-06-0041	2778773	595550	2-68	3	295	12,887	4.90	632	18	9,423	4.97	468	10-72		42	504	.02	27	43
61-06-0041	2847631	583958	8-70	1	305	12,770	4.42	565	38	8,450	4.90	414	10-72		36	564	-.09	19	39
61-06-0051	2823975	585350	11-69	1	305	15,540	4.73	735	21	12,430	4.93	613	12-72		35	408	.10	30	42
61-06-0051	2918746	595550	12-69	1	305	17,400	4.91	855	19	12,370	5.00	618	10-72		35	538	.03	29	46
61-18-0001	2787763	595550	3-69	2	305	12,635	4.49	567	12	9,265	4.68	434	7-72		40	443	-.01	21	36
61-18-0001	2803172	595550	8-69	2	305	12,360	4.82	596	9	9,015	4.73	426	12-72		40	436	.02	24	38
61-18-0001	2836932	578382	7-69	2	305	12,355	4.32	534	11	8,985	4.76	428	8-72		39	637	-.15	17	40
61-18-0001	2878309	578382	9-70	1	305	13,630	4.37	596	16	8,860	4.91	435	1-73		35	672	-.14	19	43
61-18-0001	2846248	577474	1-70	2	305	13,095	4.73	619	22	8,900	4.79	426	2-73		40	603	.00	30	50
61-18-0001	2803945	595550	9-69	1	305	14,850	4.19	622	15	9,840	4.82	474	1-73		35	493	-.04	20	37
61-25-0001	2879958	610757	1-70	2	292	12,825	4.42	567	14	9,480	4.77	452	2-73		33	548	-.09	18	37
61-25-0001	2858174	612243	12-70	1	297	12,710	5.42	689	26	9,760	4.84	472	12-72		26	455	.07	29	43
61-27-0001	2719185	525627	3-67	4	302	11,955	4.69	561	18	9,333	4.80	448	1-73		42	568	-.08	20	40
61-27-0001	2773567	525627	12-67	4	301	12,073	4.63	559	21	9,725	4.74	461	1-73		42	543	-.09	18	37
61-27-0010	2867456	604694	9-70	1	305	11,660	5.09	593	24	9,310	4.92	458	11-72		35	455	.02	24	39
61-25-0028	2536771	563805	11-63	7	305	10,793	5.00	540	24	8,339	5.02	419	8-72		43	523	.02	28	45
61-27-0028	2793360	597562	1-69	2	303	14,400	4.97	715	13	10,920	4.68	511	4-73		40	499	-.06	19	36
61-31-0011	2712248	575184	4-67	4	305	13,250	4.45	590	19	8,867	4.87	432	11-72		44	561	-.10	18	38
61-31-0001	2809752	578382	9-69	2	300	13,690	3.89	533	22	10,280	4.88	502	1-73		39	668	-.23	10	36
61-31-0001	2869455	578382	8-70	1	305	14,160	4.17	591	29	8,600	5.19	446	10-72		35	729	-.18	18	45
61-31-0057	2696597	578382	10-67	4	302	13,200	4.11	542	20	9,993	4.58	458	9-72		42	699	-.17	17	43
61-31-0057	2773685	583986	10-68	2	305	14,420	4.11	593	15	10,175	4.69	477	4-72		40	617	-.12	19	41
61-34-0057	2607362	563805	9-65	5	305	11,252	5.00	563	22	9,628	5.33	513	10-72		43	447	-.01	21	36
61-38-0008	2558464	595550	10-63	4	305	10,738	5.45	585	15	7,538	5.16	389	11-72		43	449	.08	30	43
61-38-0008	2783970	590317	10-68	2	301	12,070	4.92	594	22	7,960	5.09	405	4-73		38	446	.00	22	37

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	GOW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	DOLLARS
61-50-0002	2761204	595550	2-68	3	305	13,620	4.80	654	18	9,703	4.82	468	3-73		42	563	.02	30	$ 48
61-50-0002	2785079	595550	11-68	3	276	12,677	5.36	680	24	9,250	4.91	454	2-73		42	495	.10	34	49
61-50-0002	2785089	595550	1-69	3	304	12,403	5.28	655	20	9,293	4.94	459	12-72		42	459	.08	31	45
61-50-0002	2869275	595550	10-70	1	305	15,350	4.46	684	12	9,250	4.93	456	12-72		35	567	-.03	25	44
61-72-0022	2480864	563805	2-62	8	305	16,981	4.55	772	38	10,528	4.93	519	11-72		43	1,113	-.07	48	86
61-72-0022	2548889	595550	10-63	5	256	14,904	4.69	699	18	10,630	4.99	530	8-72		44	685	-.03	31	54
61-72-0022	2590610	600825	3-65	4	305	13,250	5.32	705	16	10,552	4.97	524	2-72		35	452	.05	27	41
61-72-0022	2619394	563813	8-65	3	305	14,463	4.72	683	20	11,386	4.87	555	8-72		42	458	.00	23	38
61-72-0022	2693272	602658	11-66	5	289	16,894	4.40	743	26	10,506	4.96	521	2-73		43	1,284	-.25	37	83
61-72-0022	2693283	602658	11-66	4	254	12,610	4.46	562	68	10,170	4.77	485	5-72		42	749	-.20	17	45
61-72-0022	2699253	563805	8-66	4	305	17,403	4.16	724	20	11,478	4.90	562	7-72		42	1,033	-.15	36	72
61-72-0022	2778429	563805	3-69	3	303	13,820	4.70	649	15	12,000	4.82	578	3-73		41	510	.00	25	42
61-72-0022	2811495	563805	1-70	2	305	13,105	5.04	661	21	10,940	4.90	536	1-73		38	500	.03	26	44
61-72-0022	2822796	563805	11-69	2	226	14,080	5.24	738	32	11,395	5.02	570	12-72		36	567	.06	34	52
61-72-0022	2829004	563805	5-70	1	305	13,880	4.95	687	24	11,430	4.89	559	8-72		34	477	.02	26	41
61-72-0022	2845720	595550	11-70	1	305	15,040	4.69	706	21	10,470	4.91	514	11-72		35	470	.01	24	39
61-99-0003	2607034	576382	8-65	5	301	13,578	4.40	598	19	10,664	4.97	531	3-72		43	690	-.17	17	42
61-99-0003	2798408	603463	3-68	2	305	11,820	4.99	590	12	9,060	4.81	436	8-71		33	502	.05	30	46
61-99-0003	2798413	603463	7-68	3	296	13,926	4.86	677	13	9,730	4.89	476	2-73		36	738	.02	39	63
61-99-0003	2833292	583958	8-69	2	279	13,050	4.65	607	15	9,425	5.04	475	12-72		40	610	-.08	22	43
61-99-0003	2833301	571382	12-69	2	305	12,270	4.58	562	12	10,220	4.95	506	2-73		40	692	-.20	14	40
61-99-0003	2833304	571382	1-70	1	194	11,740	4.69	551	18	9,820	4.93	484	12-72	A	35	648	-.18	14	38
61-99-0003	2870950	583958	10-70	1	305	12,740	4.58	584	13	8,360	5.06	423	10-72		36	567	-.08	20	40
63-01-0010	2523600	591314	3-63	4	305	12,277	4.93	605	21	8,055	4.93	397	8-72		35	582	.00	29	48
63-03-0021	2579321	549809	8-64	5	305	11,814	5.01	592	16	9,722	5.14	500	9-72		43	527	-.08	18	37
63-03-0021	2622582	546137	8-65	5	305	12,910	5.03	650	14	9,926	5.14	510	12-72		44	624	.05	36	56
63-03-0021	2622585	549809	10-65	6	303	13,135	4.79	629	18	9,843	5.19	511	11-72		43	690	-.12	22	46
63-03-0021	2801467	583958	6-69	1	286	12,310	5.31	654	9	9,070	5.26	477	8-72		36	492	-.02	22	38
63-03-0021	2843892	583958	8-70	1	305	13,300	4.84	644	13	10,030	5.13	515	10-72		36	509	-.06	19	37
63-03-1007	2747922	590165	12-67	3	305	11,086	4.74	526	10	8,196	4.83	396	10-72		39	510	-.06	19	37
63-03-1017	2528245	545381	9-62	6	305	13,868	5.01	695	28	9,393	4.98	468	2-72		43	494	.02	26	42
63-03-1017	2619092	597564	8-65	5	305	15,366	4.49	690	16	9,684	4.96	480	7-72		39	878	-.11	32	63
63-03-1017	2840155	602658	11-70	1	305	14,110	4.95	699	24	9,880	5.15	509	1-73		35	807	-.17	23	52
63-07-0007	2534814	497574	11-63	8	295	11,319	4.70	532	44	9,258	5.08	470	1-73		44	552	-.05	22	41
63-07-0007	2727690	584458	7-67	3	302	12,100	4.82	583	41	9,767	5.03	491	5-72		42	518	-.07	19	37
63-07-0007	2754838	573431	2-68	3	305	11,340	5.49	623	35	9,953	4.96	494	3-72		41	361	.08	26	36
63-07-0007	2754848	573431	5-68	3	305	11,027	5.21	574	29	9,133	4.93	450	1-73		41	401	.05	25	37
63-07-0007	2765415	573431	6-68	3	299	11,333	5.09	577	42	9,190	4.92	452	7-72		41	432	.04	25	39
63-07-0007	2794257	583958	11-68	2	305	13,110	4.45	584	44	9,775	5.00	489	4-72		40	587	-.10	19	40
63-07-0007	2794272	583958	2-69	2	305	12,390	4.29	531	44	9,145	4.98	455	9-72		40	565	-.12	16	36
63-07-0007	2837972	577474	6-70	1	305	12,600	4.94	623	30	8,600	5.00	430	11-72		35	487	.02	26	42
63-08-0015	2712493	580011	12-66	4	305	11,883	4.99	593	15	8,490	5.11	434	6-72		35	460	-.01	22	37
63-08-0015	2790752	597561	3-69	1	305	11,410	5.48	625	27	7,640	5.26	402	11-71		26	388	.05	24	36
63-09-0005	2652826	579831	11-65	5	296	13,306	4.46	593	25	9,932	4.91	488	9-72		36	543	-.10	17	36
63-09-0005	2678195	590317	9-66	4	305	13,875	5.00	694	17	10,305	4.83	498	5-72		41	520	.03	29	45
63-11-0003	2834290	602658	2-70	2	305	13,085	4.00	523	18	9,765	4.75	464	3-73		39	798	-.26	13	43
63-11-0003	2836021	602658	3-70	1	305	11,890	4.57	543	24	8,650	4.87	421	3-72		35	713	-.19	16	42
63-11-0003	2838321	602658	4-70	1	305	14,500	3.96	574	26	8,940	4.93	441	5-72		35	895	-.27	17	51
63-11-0003	2860448	602658	11-70	1	305	13,110	4.16	546	23	9,390	4.81	452	11-72		35	761	-.23	14	43
63-11-0003	2862683	602658	12-70	1	305	13,480	4.28	577	18	10,850	4.68	508	1-73		35	700	-.22	13	39
63-11-0004	2672438	549809	8-65	5	301	10,566	5.15	544	26	8,460	4.98	421	1-73		43	495	-.05	20	37
63-11-0004	2832486	602658	2-70	1	305	12,090	4.23	511	35	9,570	4.93	472	4-72		35	672	-.23	10	36
63-13-0017	2854406	602658	11-70	1	305	10,680	4.63	494	40	8,530	5.08	433	1-73		35	628	-.19	12	36
63-13-0024	2524706	497574	3-63	6	303	11,527	5.05	582	20	10,405	4.94	514	7-72		44	460	.01	24	39
63-13-0024	2792634	582400	9-68	2	305	12,005	4.96	596	12	10,490	4.80	503	5-72		39	477	-.04	20	36
63-13-0024	2792639	583958	6-69	2	305	14,145	5.13	726	18	10,420	5.02	523	10-72		40	640	-.02	30	51
63-13-0024	2816144	583958	10-69	2	303	13,095	4.86	637	19	10,825	4.99	540	9-72		40	501	-.05	20	37
63-13-0024	2857652	583958	12-70	1	305	14,380	4.94	711	12	11,410	5.22	596	1-73		36	507	-.06	19	37
63-19-0011	2646234	600189	11-65	5	305	15,188	4.45	676	17	11,350	4.85	551	2-72	B	32	672	-.10	23	47
63-19-0011	2705241	595854	9-66	3	305	14,513	4.65	675	11	9,996	4.96	496	8-72		34	683	-.09	25	49
63-19-0031	2740422	590165	8-67	4	292	12,737	4.95	630	7	8,560	4.89	419	2-73		40	706	-.04	31	55
63-22-0005	2493937	497574	7-62	8	283	10,078	5.14	518	23	8,790	4.81	423	7-72		44	439	.03	25	39
63-22-0017	2662659	599009	12-64	5	298	11,226	5.10	572	10	8,956	5.01	449	6-72		36	412	.03	23	36
63-23-0014	2423655	577505	1-61	8	299	16,426	4.93	809	22	10,419	5.09	530	4-72		38	690	.01	35	57
63-23-0014	2487805	563805	2-62	9	304	13,737	4.54	623	52	10,789	5.00	539	1-73		43	654	-.06	26	48
63-23-0014	2487815	563805	4-62	9	305	12,059	4.98	600	47	10,610	4.97	527	9-72		43	449	.02	24	38
63-23-0014	2487826	563805	6-62	7	305	16,537	4.79	792	46	10,887	5.02	546	9-72		43	1,016	-.02	48	82
63-23-0014	2509395	563805	3-63	6	281	14,305	5.11	731	44	10,763	5.06	545	7-72		43	732	.04	40	63
63-23-0014	2509403	563805	3-63	7	305	12,260	5.29	649	46	10,700	5.07	543	12-72		43	467	.06	29	43
63-23-0014	2530031	563805	4-63	6	304	11,870	5.32	631	44	10,842	5.01	543	4-72		43	400	.07	27	39
63-23-0014	2530048	563805	10-63	7	289	12,450	5.06	630	42	11,074	5.06	560	12-72	B	43	452	.03	25	39
63-23-0014	2531819	563805	10-63	7	287	12,477	5.28	659	42	10,863	5.06	550	12-72	B	43	478	.06	30	45
63-23-0014	2551166	563805	3-64	6	285	12,623	4.89	617	37	10,748	4.95	532	5-72	B	43	510	.01	26	43
63-23-0014	2573599	563805	5-64	6	304	11,885	5.12	609	44	10,690	5.04	539	9-72		43	418	.03	24	37
63-23-0014	2573608	563805	6-64	6	303	11,833	5.52	653	45	10,815	5.02	543	6-72		43	398	.11	30	/
63-23-0014	2598405	598658	4-65	5	305	14,524	4.72	686	52	11,582	5.03	582	4-73		36	551	-.07	20	
63-23-0014	2619776	563805	8-65	5	305	12,650	5.20	658	41	10,900	5.05	550	6-72		43	497	.05	30	
63-23-0014	2619793	563805	11-65	5	300	13,538	5.06	685	37	11,052	5.02	555	5-72		43	599	.03	33	5
63-23-0014	2619796	563805	11-65	5	304	14,380	4.66	670	34	11,012	5.05	556	9-72		43	715	-.05	30	5
63-23-0014	2619798	580594	12-65	5	302	14,684	4.88	716	44	11,226	5.04	566	3-73		39	539	-.04	23	41
63-23-0014	2659817	563805	5-66	5	298	12,520	5.11	640	43	10,826	5.10	552	12-72		43	488	.03	27	42
63-23-0014	2659820	563805	5-66	5	304	13,490	4.83	651	47	11,190	5.03	563	2-73		43	578	-.02	27	46
63-23-0014	2659831	563805	1-66	5	305	12,066	5.20	627	39	11,038	5.06	559	12-72		43	405	.04	24	37
63-23-0014	2677682	563805	7-66	4	305	13,223	4.87	644	36	10,808	5.03	544	7-72		42	571	.00	28	47
63-23-0014	2677692	563805	8-66	4	302	11,915	5.26	627	32	10,895	5.03	548	7-72		42	396	.07	26	38

TABLE 4. JERSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
63-23-0014	2677696	563805	8-66	4	278	12,410	4.79	594	40	10,860	5.06	549	6-72		42	462	-.02	21	$ 36
63-23-0014	2693293	602658	12-66	5	305	14,120	4.93	696	58	10,576	5.08	537	11-72		43	912	-.16	29	61
63-23-0014	2700894	563805	12-66	4	276	13,100	4.96	650	37	10,945	5.03	551	5-72		42	541	.01	28	45
63-23-0014	2700900	563805	1-67	4	305	13,340	4.77	636	32	11,048	5.01	554	7-72		42	561	-.02	26	45
63-23-0014	2704508	563805	1-67	3	265	17,497	4.74	830	34	11,670	5.03	587	3-72		41	977	-.03	45	77
63-23-0014	2725716	563805	6-67	4	303	12,350	4.90	605	27	10,435	5.11	533	8-72		42	498	-.01	24	40
63-23-0014	2725722	563805	7-67	3	301	12,627	4.73	597	29	10,397	5.09	529	8-72		41	521	-.03	23	40
63-23-0014	2725725	563805	7-67	3	305	12,753	5.10	651	25	11,107	4.92	547	6-72		41	468	.05	28	43
63-23-0014	2725729	563805	8-67	3	220	12,930	4.76	616	33	11,227	4.96	557	3-72	B	41	478	-.02	22	38
63-23-0014	2725730	563805	8-67	3	302	13,047	4.95	646	29	11,230	4.92	553	5-72		41	492	.03	27	43
63-23-0014	2751707	563805	2-68	3	304	14,820	4.69	695	28	11,233	4.96	557	5-72		41	701	-.03	32	55
63-23-0014	2767421	563805	6-68	2	295	12,705	5.06	643	35	11,360	4.99	567	3-72		38	423	.03	24	37
63-23-0014	2774934	563805	11-68	3	296	13,127	4.98	654	43	11,047	5.10	563	10-72		41	518	.01	27	44
63-23-0014	2794252	563805	6-69	2	305	14,090	5.12	721	50	12,170	5.08	618	3-73		38	500	.03	28	44
63-23-0014	2810110	595265	10-69	2	305	18,145	4.92	893	65	11,660	5.18	604	12-72		36	843	-.08	34	63
63-23-0014	2813830	563805	11-69	2	247	15,660	5.01	785	38	12,125	5.13	622	3-73	B	38	668	.01	34	56
63-23-0014	2845478	563805	1-70	1	305	13,770	5.08	699	67	12,220	5.16	630	2-73		34	420	.02	23	36
63-23-0014	2845496	563805	10-70	1	305	14,890	4.86	724	65	11,740	5.17	607	11-72		34	536	-.01	26	44
63-23-0014	2862458	563805	1-71	1	305	15,880	4.96	787	67	12,220	5.16	630	2-73		34	583	.00	29	48
63-23-0014	2862460	563805	1-71	1	305	14,130	4.82	681	44	12,280	5.13	630	3-73		34	444	-.01	21	36
63-23-0015	2510545	576127	2-63	7	299	11,587	4.79	555	37	8,886	4.81	427	6-72		43	432	.03	24	38
63-23-0015	2672678	571382	5-66	4	290	10,658	4.51	481	41	8,828	4.92	434	1-72		43	655	-.20	12	37
63-23-0015	2730274	573431	7-67	2	305	12,035	5.03	605	40	9,275	4.79	444	2-72		39	476	.04	27	42
63-23-0015	2767983	609128	4-68	2	280	11,940	4.72	563	42	9,100	4.78	435	2-72		30	516	-.05	21	39
63-23-0018	2526966	497574	7-63	7	302	12,134	4.64	563	38	8,496	4.88	415	7-72		44	738	-.05	31	56
63-23-0020	2586424	597560	8-64	6	300	16,030	4.37	701	39	9,620	4.84	466	12-72		35	963	-.11	36	69
63-23-0020	2754365	605360	10-67	3	305	14,306	4.59	656	28	9,833	5.01	493	10-72		33	663	-.08	25	48
63-23-0024	2614922	552298	5-65	5	302	10,728	5.22	560	78	8,670	4.89	424	5-72		36	389	.06	25	37
63-23-0024	2614925	605086	7-65	6	300	11,923	4.96	591	90	9,225	4.91	453	11-72		32	424	.01	22	36
63-23-0024	2702418	572331	7-66	3	296	12,793	4.01	513	71	9,346	4.86	454	7-72		38	816	-.21	19	49
63-23-0024	2716119	600211	5-67	4	298	11,445	5.58	639	104	9,395	4.92	462	9-72		42	400	.11	31	42
63-23-0024	2721960	598750	6-67	4	299	11,707	5.13	600	75	9,497	4.89	464	12-72		35	423	.03	24	37
63-23-0024	2721964	598750	12-66	4	303	12,082	5.02	606	81	9,055	4.98	451	10-72		35	527	.01	27	44
63-23-0024	2721966	598750	9-66	5	296	11,260	4.96	558	77	8,874	4.97	441	10-72		36	441	.00	22	36
63-23-0024	2724325	598750	5-66	5	292	12,618	4.34	547	91	8,822	4.98	439	8-72		36	649	-.12	20	43
63-23-0024	2730827	598750	10-67	3	305	11,866	5.20	617	51	9,446	4.79	452	7-72		33	430	.05	26	39
63-23-0024	2730828	598750	11-67	3	289	12,163	5.59	680	37	9,420	4.71	444	5-72		33	472	.13	36	49
63-23-0024	2754295	609128	4-68	3	305	14,143	4.65	658	115	9,183	5.04	463	9-72		33	836	-.09	32	61
63-23-0024	2765657	609128	8-68	3	304	13,923	4.59	639	110	9,006	5.01	451	8-72		33	825	-.10	31	60
63-23-0024	2781609	598750	10-68	3	304	12,050	4.88	588	80	9,203	5.04	464	11-72		33	481	-.03	21	37
63-23-0024	2798368	598750	3-69	2	305	13,205	4.51	596	88	9,325	5.08	474	9-72		30	566	-.09	19	39
63-23-0024	2798373	593883	12-68	2	305	10,675	5.25	560	33	9,415	4.94	465	2-72		38	379	.11	29	40
63-23-0024	2798375	593883	1-69	2	305	11,965	5.31	635	97	9,345	5.04	471	8-72		38	520	.11	37	52
63-23-0024	2825225	609128	2-70	1	305	14,580	4.86	708	103	8,870	5.06	449	10-71		25	697	-.04	30	53
63-26-0008	2663270	598525	1-66	5	280	12,238	4.95	606	78	9,680	4.93	477	1-73		38	481	.01	25	41
63-26-0018	2765428	573431	8-68	2	298	11,815	5.42	640	7	7,300	4.96	362	3-73		39	617	.06	37	56
63-28-0001	2848053	602658	9-70	1	305	14,690	4.68	687	5	8,890	5.12	455	10-72		35	912	-.20	25	58
63-28-0010	2703441	598525	11-66	3	209	11,183	5.97	668	88	9,576	4.95	474	1-73	B	35	320	.17	32	40
63-28-0010	2746452	598039	12-67	3	305	12,856	5.15	662	37	9,266	5.18	480	12-72		34	482	.01	25	41
63-28-0010	2790744	597561	7-68	2	304	13,035	4.75	619	46	8,980	5.08	456	9-72		32	545	-.03	24	42
63-28-0010	2817562	597561	8-69	1	305	15,120	4.74	717	28	10,110	5.02	508	5-72		26	538	-.02	25	43
63-28-0010	2828961	602658	6-70	1	305	12,050	4.74	571	45	9,460	5.32	503	11-72		35	676	-.20	13	38
63-28-0010	2843857	602658	7-70	1	288	12,600	4.79	603	45	9,460	5.32	503	11-72		35	718	-.19	16	43
63-28-0010	2843859	602658	7-70	1	305	12,250	4.65	570	43	9,100	5.23	476	10-72		35	713	-.20	15	42
63-28-0010	2843867	602658	9-70	1	305	12,430	4.94	614	33	9,700	5.25	509	1-73		35	690	-.18	16	41
63-28-0010	2849661	602658	7-70	1	305	12,740	5.50	701	43	9,100	5.23	476	10-72		35	750	-.12	25	51
63-32-0003	2850236	583958	10-70	1	304	14,550	4.42	643	22	11,130	4.73	526	11-72		36	537	-.09	18	37
63-32-0027	2352082	549809	8-59	9	301	15,518	4.21	654	44	12,532	4.82	604	1-72		43	720	-.20	15	42
63-32-0027	2581287	546137	9-64	6	298	14,248	4.51	642	75	12,497	4.82	602	9-72		44	530	-.01	25	43
63-32-0027	2604461	546137	12-64	6	305	15,030	4.74	713	63	12,573	4.83	607	1-73		44	624	.03	34	54
63-32-0027	2646520	584458	10-65	6	302	14,213	4.74	673	60	12,665	4.85	614	2-73		44	516	-.07	19	37
63-32-0027	2674659	599997	2-66	5	302	15,086	4.64	700	85	12,204	4.85	592	10-72		40	579	-.06	23	43
63-32-0027	2674663	584458	4-66	5	299	13,630	4.94	674	67	12,038	4.88	588	10-72		44	505	-.03	22	39
63-32-0027	2674676	584458	8-66	5	295	13,760	5.14	707	50	12,510	4.81	602	3-73	B	44	473	.02	25	40
63-32-0027	2697285	577474	4-69	2	305	14,320	5.02	719	71	12,180	4.75	579	9-72		40	461	.05	28	42
63-32-0027	2697286	583958	12-68	3	305	14,350	4.56	655	71	12,233	4.77	584	12-72		42	542	-.08	19	38
63-32-0027	2697287	583958	12-68	2	305	13,845	4.97	688	61	12,040	4.78	575	10-72		40	478	-.02	22	38
63-32-0027	2703486	584458	9-66	4	295	14,275	4.87	695	50	12,633	4.78	604	2-73		43	517	-.04	22	39
63-32-0027	2725837	606421	10-67	4	288	15,830	4.37	692	32	12,125	4.82	584	1-73		34	745	-.14	23	50
63-32-0027	2725838	573431	10-67	3	305	14,003	4.88	684	37	12,413	4.79	594	5-72		41	443	.02	24	38
63-32-0027	2751729	549809	1-68	3	305	15,217	4.58	697	65	12,137	4.81	584	8-72		41	679	-.13	21	45
63-32-0027	2786055	577474	8-68	3	305	14,377	4.86	699	70	12,120	4.78	579	9-72		42	506	.03	28	44
63-32-0027	2805480	577474	10-69	2	301	16,040	4.49	720	48	12,865	4.65	598	1-73		40	580	-.02	27	46
63-32-0027	2805495	583958	10-69	2	305	17,030	4.16	708	75	12,300	4.73	582	11-72		40	780	-.15	23	51
63-32-0027	2827312	609177	4-70	1	305	17,760	4.51	801	85	12,620	4.71	595	11-72		19	551	-.05	22	41
63-32-0027	2834636	583958	8-70	1	304	16,670	4.30	716	73	12,400	4.78	593	9-72		36	619	-.11	20	42
63-32-0027	2834639	577474	8-70	1	305	15,490	4.66	722	78	12,630	4.74	599	9-72		35	462	.01	24	39
63-32-0027	2834643	583958	9-70	1	305	16,190	4.22	683	70	12,380	4.72	584	11-72		36	584	-.11	18	39
63-32-0027	2842113	583958	11-70	1	305	15,570	4.45	693	84	12,350	4.78	590	10-72		36	540	-.09	18	37
63-32-1120	2697299	603463	1-69	2	305	15,425	4.85	748	15	11,090	4.84	537	3-72		33	728	.03	39	62
63-32-1120	2697359	606421	7-69	2	305	14,555	4.62	673	17	11,240	4.99	561	8-72		29	579	-.08	21	41
63-32-1120	2808296	602754	12-69	2	300	12,755	5.33	680	21	11,500	4.84	557	1-73		37	472	.06	29	44
63-32-1120	2817191	606421	3-70	1	305	18,500	4.57	846	24	11,450	5.00	573	9-72		24	818	-.09	31	59
63-34-0010	2847398	602658	8-70	1	303	13,380	4.95	662	8	11,780	5.10	601	12-72		35	635	-.17	14	38
63-34-0010	2847399	602658	10-70	1	305	13,490	4.94	667	9	12,060	5.14	620	11-72		35	627	-.18	13	36

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
63-34-0010	2847403	602658	11-70	1	305	14,190	4.62	656	8	11,780	5.10	601	12-72		35	697	-.20	14	$ 40
63-34-0010	2847405	602658	1-71	1	301	13,890	4.65	646	9	12,060	5.14	620	11-72		35	657	-.20	12	37
63-34-0010	2847406	602658	1-71	1	305	15,260	4.65	709	5	11,150	5.04	562	3-73		35	818	-.20	20	50
63-45-0001	2579852	549809	1-63	6	296	11,748	4.41	518	13	8,887	4.96	441	1-73		43	607	-.16	14	36
63-45-0001	2785973	593816	5-69	2	298	12,390	4.71	584	15	9,090	5.03	457	9-72		40	498	-.05	20	37
63-45-0001	2860742	602658	1-71	1	305	11,760	4.53	533	13	9,440	4.80	453	1-73		35	655	-.19	13	38
63-45-0002	2546747	549809	5-63	7	305	12,289	5.10	627	11	9,354	4.84	453	12-72		43	629	-.03	28	49
63-45-0002	2558478	549809	9-63	7	290	11,837	4.82	570	11	9,674	4.74	459	12-72		43	535	-.07	20	39
63-51-0006	2622408	563955	10-65	5	298	11,332	5.55	629	32	9,330	4.97	464	9-72		41	300	.16	30	37
63-51-0006	2709318	571382	9-66	5	297	12,712	4.21	535	29	9,464	5.08	481	12-72		44	860	-.27	15	48
63-60-0003	2710884	569336	9-66	3	305	12,823	5.05	647	29	9,143	5.06	463	9-72		41	409	.03	23	36
64-08-9107	2868569	602658	8-70	1	305	11,750	4.25	499	26	8,580	4.92	422	10-72		35	706	-.22	13	40
64-08-9107	2868572	602658	9-70	1	305	10,910	4.46	487	31	8,260	4.89	404	8-72		35	662	-.20	13	38
64-12-0102	2808473	591149	5-69	2	305	14,740	4.55	671	52	7,825	4.91	384	9-72		40	587	-.05	24	44
64-12-0102	2810325	604694	8-69	2	293	11,065	4.55	503	54	8,220	4.84	398	7-72		39	530	-.04	22	40
64-28-0105	2590669	560800	9-64	7	303	13,920	4.68	652	23	11,550	5.09	588	3-73		44	557	-.09	19	39
64-28-0105	2619210	560800	12-65	6	299	14,592	5.18	756	26	11,975	5.09	610	12-72		44	600	.01	31	50
64-28-0105	2703025	564125	9-66	5	298	17,570	4.80	843	36	11,740	4.99	586	10-72		44	871	-.03	40	69
64-28-0105	2725400	585918	8-67	3	305	15,036	5.37	808	34	13,016	5.09	662	5-72		41	372	.07	25	36
64-28-0105	2813622	586263	12-69	2	305	24,995	5.47	1366	15	14,425	4.92	709	4-73		39	1,089	.10	64	98
64-28-0105	2822592	590165	6-70	1	300	17,320	4.79	829	57	13,730	4.98	684	8-72		32	564	-.08	20	40
64-28-0105	2838638	602658	12-70	1	305	25,250	4.46	1127	32	14,700	5.08	747	1-73		35	1,365	-.25	41	90
64-28-0105	2838645	602658	11-70	1	305	16,510	4.57	754	48	14,190	5.03	714	11-72		35	727	-.22	14	41
64-36-0123	2543672	596544	9-63	7	300	10,866	5.05	549	50	7,443	5.21	388	12-72		35	460	-.01	22	37
64-36-0123	2579770	596544	10-64	5	305	11,434	5.33	610	58	8,128	5.13	417	12-72		35	463	.05	28	42
64-36-0123	2819795	602658	10-69	2	305	10,505	4.95	520	76	8,060	5.38	434	11-72		39	673	-.18	15	40
64-38-0102	2644163	597451	9-65	4	300	11,285	5.41	611	42	8,448	5.22	441	1-73		30	404	.05	25	37
64-38-0102	2722306	562315	1-67	3	305	12,077	5.67	685	35	8,820	5.20	459	4-72		42	406	.09	29	41
64-38-0102	2744056	560800	7-67	3	305	10,973	5.39	591	39	8,887	5.28	469	8-72		42	430	.01	22	36
64-38-0102	2756904	560800	6-67	4	304	11,305	5.13	580	43	8,625	5.29	456	12-72		43	509	-.02	23	40
64-38-0102	2766422	560800	8-68	3	300	11,267	5.34	602	30	9,197	5.25	483	2-73		42	435	.00	22	36
64-38-0102	2794077	596832	3-69	2	293	13,420	4.91	659	53	9,080	5.41	491	6-72		36	737	-.11	25	51
64-38-0102	2803727	585350	6-69	2	302	11,460	5.70	653	50	9,165	5.35	490	8-72		40	349	.17	34	43
64-48-0110	2693251	602658	9-66	2	305	12,520	4.58	574	73	10,025	4.76	477	12-71		39	718	-.18	17	43
64-48-0110	2693269	602658	10-66	4	305	12,107	4.67	565	73	9,477	4.94	468	6-72		42	755	-.18	19	47
64-48-0110	2693275	602658	11-66	4	305	12,005	4.35	522	96	9,790	4.86	476	2-73		42	711	-.23	12	39
64-48-0110	2693276	602658	11-66	4	304	15,010	4.56	685	102	10,025	4.88	489	10-72		42	1,066	-.20	32	70
64-48-0110	2693280	602658	11-66	2	305	13,410	4.65	623	99	9,690	4.95	480	8-72		39	838	-.19	22	53
64-48-0110	2693294	602658	12-66	4	305	15,340	4.22	647	80	9,580	4.89	468	7-72		42	1,152	-.27	29	71
64-48-0110	2693302	602658	12-66	4	294	12,235	4.53	554	78	9,705	4.86	472	8-72		42	748	-.20	17	45
64-48-0110	2717886	600873	1-67	4	302	12,527	5.23	655	109	9,642	4.79	462	9-72		40	483	.07	31	46
64-48-0110	2718063	602658	12-66	4	303	12,670	4.66	591	105	9,367	4.96	465	10-72		42	837	-.19	22	52
64-48-0110	2718065	602658	12-66	3	305	12,473	4.59	572	95	9,363	4.96	464	9-72		41	793	-.19	20	49
64-48-0110	2718068	602658	1-67	3	305	14,256	4.47	637	75	9,730	4.79	466	8-71		41	968	-.20	27	62
64-48-0110	2718071	602658	1-67	5	301	11,850	4.89	579	76	10,506	4.81	505	3-73		43	621	-.14	17	39
64-48-0110	2718073	602658	2-67	4	304	11,472	4.99	572	96	9,947	4.87	484	10-72		42	628	-.13	18	41
64-48-0110	2718075	602658	1-67	4	303	12,907	4.32	557	87	9,747	4.84	472	8-72		42	829	-.24	17	48
64-48-0110	2718097	602658	12-66	4	305	13,502	4.27	576	81	9,847	4.82	475	8-72		42	894	-.25	19	52
64-48-0110	2741303	602658	12-66	4	303	12,715	4.51	574	93	9,787	4.82	472	10-72		42	801	-.20	19	48
64-48-0110	2755049	602658	11-67	3	305	13,773	4.60	634	111	9,573	4.95	474	10-72		41	926	-.19	26	59
64-48-0110	2755053	602658	11-67	3	305	13,933	4.43	617	88	9,870	4.84	478	7-72		41	917	-.22	23	57
64-48-0110	2770629	602658	1-67	3	305	11,416	4.81	549	93	9,656	4.88	471	9-72		41	642	-.16	16	40
64-48-0110	2770642	602658	3-68	3	305	12,953	4.02	521	111	9,193	4.88	449	9-72		41	866	-.27	15	48
64-48-0110	2770761	602658	11-68	2	206	12,185	4.30	524	101	10,065	4.73	476	12-71	B	39	680	-.22	12	38
64-48-0110	2780517	563805	3-69	2	305	12,855	5.21	670	130	10,655	4.91	523	12-72		38	497	.05	30	45
64-48-0110	2781654	584458	10-67	4	305	12,838	4.67	600	115	10,105	4.84	489	1-73		43	590	-.07	22	42
64-48-0110	2790320	602658	4-69	2	302	12,905	4.72	609	96	10,485	4.90	514	3-73		39	720	-.17	18	44
64-48-0110	2790325	602658	4-69	2	305	14,070	4.63	652	109	10,495	4.91	515	2-73		39	840	-.19	22	53
64-48-0110	2805146	611318	9-69	2	305	13,410	5.62	753	116	10,930	4.85	530	1-73		32	304	.18	32	39
64-48-0110	2805147	602658	9-69	2	305	13,010	4.83	629	108	10,355	4.95	513	12-72		39	742	-.17	20	47
64-48-0110	2805161	602658	10-69	2	305	13,210	4.29	567	126	10,055	4.95	498	12-72		39	787	-.24	15	45
64-48-0110	2805162	602658	10-69	2	305	14,740	4.59	676	119	10,180	4.96	505	12-72		39	935	-.21	25	59
64-48-0110	2805168	602658	10-69	2	301	14,200	4.80	682	135	9,930	4.95	492	11-72		39	900	-.17	27	59
64-48-0110	2805169	602658	10-69	2	303	14,675	4.29	630	135	9,690	4.94	479	10-72		39	969	-.24	23	59
64-48-0110	2805171	602658	10-69	2	305	13,270	4.24	562	116	10,370	4.90	508	2-73		39	768	-.25	13	42
64-48-0110	2805180	602658	11-69	2	305	12,510	4.61	577	101	10,675	4.91	524	1-73		39	664	-.19	14	39
64-48-0110	2805670	593816	9-69	2	300	15,240	4.68	713	132	10,560	4.86	513	2-73		40	669	-.05	28	51
64-48-0110	2827838	602658	1-70	1	305	12,270	4.58	562	97	10,340	4.85	501	12-71		35	639	-.19	13	37
64-48-0110	2827856	602658	2-70	2	305	12,625	4.51	569	51	10,655	4.88	520	4-73		39	677	-.20	13	38
64-48-0110	2827885	602658	4-70	1	305	13,200	4.42	584	44	10,370	4.96	514	4-72		35	708	-.22	13	40
64-48-0110	2827890	602658	5-70	1	305	12,140	4.80	583	55	10,650	4.86	518	4-72		35	610	-.17	13	36
64-48-0110	2841211	602658	7-70	1	305	11,810	4.62	546	134	9,500	5.08	483	9-72		35	655	-.20	12	37
64-48-0110	2841218	602658	8-70	1	296	11,660	4.64	541	122	9,610	5.06	486	8-72		35	637	-.20	12	36
64-48-0110	2841220	602658	8-70	1	305	11,960	4.67	559	134	9,500	5.08	483	9-72		35	666	-.20	13	38
64-48-0110	2841221	602658	8-70	1	303	12,350	4.61	569	134	9,500	5.08	483	9-72		35	696	-.20	14	40
64-48-0110	2841230	602658	9-70	1	294	12,540	4.86	609	79	11,050	4.94	546	3-73		35	616	-.18	13	36
64-48-0110	2841237	602658	9-70	1	305	12,690	4.78	606	124	10,510	5.08	534	12-72		35	660	-.19	14	39
64-48-0110	2841280	602658	11-70	1	289	12,250	4.38	536	141	9,720	5.07	493	10-72		35	675	-.22	11	37
64-48-0110	2841298	602658	12-70	1	305	14,000	4.77	668	114	10,830	5.01	543	1-73		35	741	-.18	18	45
64-48-0110	2849534	602658	1-71	1	305	13,660	4.39	600	79	11,050	4.94	546	3-73		35	701	-.22	13	39
64-48-0110	2849539	602658	1-71	1	305	11,920	5.22	622	114	10,830	5.01	543	1-73		35	582	-.14	15	36
64-48-0110	2849554	608877	2-71	1	305	15,160	4.31	653	83	11,040	4.95	546	3-73		24	617	-.15	16	38
64-48-0110	2849560	602658	3-71	1	305	12,690	4.59	582	51	11,020	4.88	538	4-73		35	629	-.19	12	36
64-48-0111	2693252	595265	9-66	3	305	15,103	4.30	649	71	8,623	4.80	414	9-71		39	866	-.16	27	58
64-48-0111	2693253	595265	9-66	5	301	15,108	4.21	636	85	8,762	4.93	432	10-72		41	939	-.19	27	61

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C REPT D (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
64-48-0111	2693298	602658	12-66	4	305	12,985	4.64	603	71	9,270	4.85	450	12-72	42	887	-.18	25	$ 57
64-48-0111	2718094	602658	2-67	3	301	12,220	4.59	561	48	9,253	4.79	443	4-72	41	774	-.18	20	48
64-48-0111	2741306	602658	6-67	2	305	12,820	4.15	532	70	8,840	4.85	429	9-72	39	848	-.24	17	49
64-48-0111	2756197	606739	1-68	3	305	13,436	4.71	633	77	9,433	4.74	447	10-72	33	478	.01	25	40
64-48-0111	2770760	602658	11-68	2	305	13,740	4.88	670	85	9,820	4.85	476	1-73	39	862	-.15	27	58
64-48-0111	2790292	604694	1-69	2	305	12,315	4.56	562	91	9,345	4.85	453	10-72	39	566	-.04	24	43
64-48-0111	2790322	608696	4-69	2	301	14,480	4.41	638	104	9,930	4.82	479	1-73	25	990	-.08	21	42
64-48-0111	2805130	595265	8-69	2	305	13,690	4.35	595	102	9,075	4.93	447	11-72	36	886	-.14	15	36
64-48-0111	2805165	602658	10-69	2	301	12,060	4.77	575	102	9,425	4.90	462	12-72	39	721	-.10	18	44
64-48-0111	2805173	602658	10-69	2	305	11,565	4.81	556	98	9,600	4.83	464	1-73	39	655	-.16	16	40
64-48-0111	2805181	602658	11-69	2	305	11,790	4.39	518	72	9,505	4.79	455	1-73	39	686	-.21	13	39
64-48-0111	2827823	602658	12-69	2	305	11,160	4.71	526	102	9,425	4.90	462	12-72	39	627	-.18	13	36
64-48-0111	2827837	602658	1-70	2	302	12,105	4.94	598	96	9,520	4.91	467	12-72	39	717	-.15	20	46
64-48-0111	2827850	602658	2-70	1	285	12,190	4.33	528	30	8,800	5.13	451	9-72	35	727	-.23	13	40
64-48-0111	2827868	602658	3-70	2	295	15,980	4.38	700	59	10,235	4.84	495	2-73	39	1,059	-.22	29	67
64-48-0111	2827869	602658	3-70	2	305	13,340	4.27	569	57	10,205	4.83	493	3-73	39	788	-.24	15	45
64-48-0111	2827870	602658	1-70	2	305	12,475	4.17	520	90	9,725	4.84	471	1-73	39	739	-.24	12	40
64-48-0111	2827891	602658	5-70	1	305	13,820	4.71	651	39	9,590	4.87	467	4-72	35	803	-.18	21	50
64-48-0111	2841202	602658	3-70	2	299	13,100	4.24	555	52	10,215	4.84	494	3-73	39	763	-.23	14	43
64-48-0111	2841227	602658	8-70	1	305	12,830	4.44	570	65	8,390	5.17	434	8-72	35	801	-.22	17	47
64-48-0111	2841253	602658	8-70	1	305	15,100	4.17	629	80	10,770	4.87	525	1-73	35	829	-.25	16	47
64-48-0111	2841262	602658	9-70	1	305	11,270	4.71	531	65	8,390	5.17	434	8-72	35	681	-.20	14	39
64-48-0111	2841274	602658	11-70	1	305	11,410	4.63	528	75	8,930	5.17	462	10-72	35	659	-.21	12	37
64-48-0111	2841296	602658	12-70	1	305	13,320	4.44	592	80	10,770	4.87	525	1-73	35	693	-.21	13	39
64-48-0111	2847619	602658	10-70	1	305	12,570	4.51	567	99	9,450	5.07	479	11-72	35	716	-.21	14	41
64-48-0111	2847620	602658	10-70	1	305	15,080	4.95	746	75	8,930	5.17	462	10-72	35	940	-.17	29	63
64-48-0111	2847623	602658	11-70	1	305	10,890	5.22	569	75	8,930	5.17	462	10-72	35	619	-.16	15	38
64-48-0111	2849522	602658	12-70	1	305	13,670	3.77	516	94	10,200	4.97	507	12-72	35	784	-.26	9	38
64-48-0111	2849524	602658	1-71	1	305	14,740	4.21	620	94	10,200	4.97	507	12-72	35	836	-.24	17	48
64-48-0111	2849532	602658	1-71	1	305	15,750	4.24	668	94	10,200	4.97	507	12-72	35	913	-.25	20	54
64-48-0111	2849535	602658	1-71	1	305	12,900	4.38	565	63	10,910	4.77	520	3-73	35	652	-.20	12	37
64-48-0111	2849541	608877	1-71	1	305	15,960	4.47	714	98	11,140	4.78	533	1-73	24	682	-.12	22	46
64-48-0111	2849542	602658	1-71	1	305	13,390	4.42	592	74	10,850	4.83	524	2-73	35	693	-.21	13	39
64-48-0111	2849556	602658	11-70	1	305	14,290	4.46	637	80	10,770	4.87	525	1-73	35	767	-.21	17	45
64-48-0111	2849557	602658	11-70	1	305	13,130	4.48	588	94	10,200	4.97	507	12-72	35	713	-.21	14	41
64-48-0111	2876945	602658	3-71	1	305	13,470	4.32	582	34	11,080	4.69	520	4-73	35	685	-.21	13	39
64-48-0111	2876946	602658	4-71	1	305	13,670	4.46	609	63	10,910	4.77	520	3-73	35	711	-.20	15	41
64-48-0111	2876949	602658	4-71	1	305	13,970	4.16	581	63	10,910	4.77	520	3-73	35	734	-.23	13	41
64-48-0111	2876951	602658	4-71	1	305	15,010	4.13	620	34	11,080	4.69	520	4-73	35	803	-.23	16	46
64-48-0111	2883490	602658	11-70	1	305	12,500	4.88	610	94	10,200	4.97	507	12-72	35	665	-.17	16	40
64-50-0103	2702147	560800	9-66	4	305	11,953	5.55	663	21	9,915	5.00	496	8-72	43	461	.06	29	43
64-50-0103	2702149	560800	9-66	4	305	12,635	5.00	632	21	9,790	5.09	498	12-72	43	558	-.03	25	44
64-50-0103	2850385	602658	12-70	1	305	13,310	4.86	647	16	10,690	5.40	577	2-73	35	697	-.20	14	40
64-50-0106	2515746	564125	1-63	8	296	11,909	5.30	631	35	8,786	5.16	453	8-72	44	441	.04	26	40
64-50-0106	2585180	598505	8-64	6	305	12,961	4.61	597	26	9,226	5.03	464	1-73	40	556	-.07	21	40
64-50-0106	2589093	598505	1-65	6	304	11,633	5.63	655	35	9,036	5.10	461	12-72	40	393	.11	30	41
64-50-0106	2700896	563805	12-66	4	305	13,743	4.56	626	39	10,170	4.86	494	4-72	42	701	-.04	31	55
64-50-0106	2720285	563805	6-67	4	302	14,028	5.30	744	40	10,703	5.19	555	12-72	42	683	.06	40	61
64-50-0106	2840103	608823	6-70	1	305	14,040	5.19	728	25	10,060	4.93	496	3-73	26	396	.07	26	38
64-58-0102	2491476	592813	9-62	9	291	11,726	4.55	533	38	8,384	4.57	383	2-73	35	577	-.04	25	44
64-61-0107	2546121	547848	10-63	4	305	12,053	5.22	629	44	9,368	4.74	444	2-72	36	840	.12	28	37
64-61-0107	2589974	585821	8-64	5	305	12,536	4.28	537	78	8,298	4.81	399	7-72	35	631	-.13	18	41
64-61-0107	2634556	599491	12-65	4	305	11,217	5.45	611	65	8,417	4.85	408	11-72	38	449	.10	32	45
64-61-0107	2634558	587904	12-65	3	305	12,773	4.44	567	53	9,290	4.70	437	1-73	34	567	-.10	18	38
64-61-0107	2634569	599491	4-66	4	299	12,230	4.83	591	40	8,487	4.61	391	8-72	35	586	.02	31	50
64-61-0107	2681689	599491	9-66	4	305	11,657	4.95	577	53	9,265	4.77	442	2-73	35	415	.03	23	36
64-61-0107	2681691	599491	9-66	4	305	13,332	4.35	580	41	10,152	4.70	477	4-73	35	553	-.08	19	38
64-61-0107	2759541	560800	12-67	4	305	14,105	4.59	647	51	10,588	4.80	508	3-73	43	662	-.07	26	49
64-61-0107	2765353	599491	4-68	3	303	11,356	5.41	614	71	8,633	4.88	421	11-72	33	420	.08	29	41
64-61-0107	2835991	604694	8-70	1	305	13,030	4.53	590	95	8,980	5.01	450	9-72	35	580	-.05	24	44
64-61-0111	2523844	589772	3-63	5	305	11,864	4.51	535	67	8,282	4.76	394	6-72	38	561	-.07	21	40
64-61-0111	2579092	589728	7-64	5	303	12,932	4.63	599	94	8,728	4.77	416	8-72	36	679	-.07	27	50
64-61-0111	2817684	613545	7-69	1	305	17,360	4.25	738	139	10,300	4.63	477	1-72	23	764	-.10	28	55
64-61-0111	2831873	613545	8-69	1	303	16,520	4.20	694	79	10,680	4.54	485	3-72	23	661	-.10	23	46
64-61-0111	2855988	604694	10-70	1	305	12,970	4.84	628	102	9,170	4.56	418	3-73	35	564	.01	29	47
64-61-0111	2864338	604694	12-68	2	305	14,485	4.65	673	138	8,675	4.62	401	12-72	39	846	-.02	40	68
64-61-0112	2411967	585867	10-60	8	271	12,933	4.97	643	67	8,066	4.87	432	6-72 A	38	597	-.01	29	49
64-61-0112	2454655	589728	10-61	8	301	13,238	4.83	640	72	9,360	4.87	456	9-72	36	649	-.03	29	51
64-61-0112	2748786	601005	9-67	3	303	16,740	4.59	768	23	11,323	4.93	558	6-72	33	789	-.08	31	58
64-61-0112	2773480	601005	6-68	2	191	16,590	4.93	818	17	11,490	4.69	539	3-72 B	30	668	.02	35	57
64-61-0112	2788741	604694	11-68	2	305	15,925	4.36	694	81	9,905	4.71	467	12-72	39	893	-.08	36	66
64-61-0112	2832401	604694	12-69	2	296	14,305	4.84	693	23	11,260	4.78	538	1-73	39	613	.00	30	50
64-61-0112	2834737	591239	10-69	2	232	15,275	4.39	670	74	10,200	4.75	484	12-72 B	36	549	-.09	18	37
65-02-0051	2822369	585350	3-70	1	305	12,980	5.13	666	30	9,970	4.83	482	1-72	35	363	.14	32	42
65-02-0051	2850828	611376	9-70	1	284	12,270	4.74	582	19	8,100	4.90	397	10-72	22	471	-.03	20	36
65-03-0049	2682644	601948	10-65	4	298	14,457	4.88	705	32	9,977	4.88	487	8-71 B	35	740	-.01	36	60
65-03-0050	2548147	563805	2-64	7	301	11,747	5.11	600	19	8,994	5.04	453	8-72	43	580	.03	32	50
65-03-0050	2815379	583958	2-70	1	305	13,770	4.85	668	52	9,940	5.21	518	9-72	36	549	-.06	21	40
65-03-0050	2841052	583958	10-70	1	305	12,680	5.80	735	14	10,960	5.15	564	2-73	36	407	.03	23	36
65-03-0431	2609751	549809	10-65	4	302	12,900	4.96	640	12	10,425	5.06	527	10-72	42	584	-.08	21	41
65-03-0431	2772850	578382	9-68	3	302	12,477	5.59	698	8	11,427	4.94	564	11-72	41	456	.01	24	39
65-05-0035	2504388	583147	8-62	7	301	13,133	4.00	525	29	8,463	4.93	417	5-72	36	658	-.22	11	36
65-05-0035	2803224	580836	7-69	1	305	15,020	4.33	651	30	9,420	4.67	440	1-72	35	490	-.02	22	38
65-08-0022	2447845	562061	12-61	9	291	11,398	5.24	597	22	8,538	4.88	412	3-73 B	40	400	.11	31	42
65-08-0022	2538366	589199	8-63	8	290	11,006	4.93	543	48	7,796	5.02	389	9-72	37	500	.01	26	42

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	G D W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
65-09-0011	2818097	584458	8-68	2	305	11,540	4.44	512	30	8,265	4.97	411	8-72		40	556	-.11	17	$ 37
65-14-0004	2493781	591172	8-62	3	305	14,287	4.73	676	28	9,577	4.80	460	5-72		29	678	-.03	31	54
65-14-0004	2784862	588114	7-68	2	300	14,070	4.90	689	28	10,060	4.71	474	10-71		36	459	.01	24	39
65-17-0002	2656134	590105	10-65	5	305	13,632	4.65	634	35	9,850	4.83	476	6-72		32	616	-.04	26	47
65-17-0002	2693297	602658	12-66	3	305	15,786	4.60	726	39	10,126	4.82	488	1-72		41	1,110	-.19	35	74
65-17-0002	2852144	602658	9-70	1	305	12,710	4.75	604	41	10,790	4.92	531	12-72		35	645	-.18	14	38
65-17-0002	2854663	602658	10-70	1	305	16,790	4.98	836	42	11,050	4.92	544	1-73		35	941	-.15	31	64
65-17-0002	2854667	602658	10-70	1	305	15,030	4.54	683	41	10,790	4.92	531	12-72		35	822	-.20	20	50
65-17-0002	2857277	602658	10-70	1	305	15,230	4.81	732	45	10,870	4.86	528	11-72		35	833	-.17	24	54
65-17-0003	2785049	608431	3-68	2	305	12,430	4.61	573	21	7,680	4.92	378	1-73		29	562	-.05	23	42
65-17-0017	2356282	533161	7-59	9	296	11,341	4.34	492	17	7,740	4.43	343	3-72		35	576	-.07	22	42
65-17-0035	2548582	567370	6-63	6	300	12,028	4.66	560	21	9,420	4.86	458	6-72		44	499	-.05	20	37
65-17-0035	2696661	560800	11-67	3	283	11,853	4.78	567	20	9,027	4.82	435	8-72		42	519	-.03	23	40
65-17-0035	2828918	585350	10-69	2	303	10,625	4.93	524	16	7,950	4.84	385	11-72		40	363	.12	30	40
65-18-0001	2485482	577134	3-61	7	305	13,164	4.44	584	31	8,181	4.67	382	6-72		43	689	-.11	23	47
65-18-0001	2592089	563805	2-64	6	305	10,528	5.19	546	32	9,152	4.72	432	5-72		43	401	.07	27	39
65-18-0004	2470396	559353	5-60	8	305	15,514	4.40	682	30	9,853	4.74	467	5-72		36	834	-.08	33	62
65-18-0004	2741333	602658	11-67	4	305	12,840	4.24	545	62	10,175	4.77	485	3-73		42	777	-.24	14	43
65-18-0004	2879051	595550	5-70	1	303	14,760	4.98	735	46	10,380	4.75	493	10-72		35	454	.05	27	41
65-18-0008	2730881	576127	6-67	4	295	12,888	4.46	575	22	10,005	4.96	496	6-72		42	470	-.03	20	36
65-18-0008	2809483	585350	7-69	2	300	12,280	5.56	683	21	10,430	4.81	502	5-72		40	329	.21	37	44
65-18-0008	2845330	593816	6-70	1	283	13,120	5.79	759	18	10,680	4.86	519	5-72		35	382	.07	26	37
65-18-0008	2863713	613018	1-71	1	305	14,860	5.48	815	15	11,490	5.00	575	1-73		19	361	.07	25	36
65-18-0014	2763476	604787	8-67	3	305	13,193	4.80	633	39	9,770	5.10	498	4-72		32	548	-.03	24	42
65-18-0014	2763490	604787	10-67	3	305	13,170	5.14	677	41	9,233	5.05	466	9-72		32	603	.03	33	52
65-18-0014	2772528	595550	2-68	3	305	16,947	4.07	689	42	10,060	5.05	508	3-73		42	917	-.15	30	62
65-18-0014	2832327	595550	6-69	1	305	14,780	4.84	716	42	9,900	5.13	508	6-72		35	484	.01	25	41
65-18-0014	2845904	604787	8-68	2	305	14,680	5.26	772	37	10,185	5.17	527	11-72		29	635	.05	35	56
65-18-0014	2845905	595550	9-68	3	305	13,400	5.25	704	48	10,340	5.19	537	1-73		42	478	.05	29	44
65-18-0014	2852913	595550	4-69	2	295	12,905	5.97	770	47	9,915	5.15	511	3-72		40	418	.15	35	46
65-21-0002	2626488	563805	8-65	5	256	12,956	4.96	642	82	10,200	4.86	496	4-72	B	43	612	.03	33	53
65-24-0001	2840317	583958	11-70	1	305	15,480	4.74	733	33	11,880	4.86	577	3-73		36	561	-.06	22	41
65-24-0001	2840318	583958	11-70	1	305	18,120	4.85	878	33	11,880	4.86	577	3-73		36	758	-.04	33	58
65-24-0005	2551405	575184	9-63	8	301	12,710	5.01	637	36	9,033	5.09	460	4-73		44	497	-.03	22	39
65-24-0005	2666314	575184	1-66	6	289	13,038	4.95	646	47	9,260	5.13	475	12-72		44	516	-.04	22	39
65-24-0005	2683949	575184	8-65	4	300	11,642	5.57	648	38	8,705	5.16	449	2-72		44	378	.05	24	36
65-24-0005	2752601	584458	9-67	4	305	11,613	5.04	585	38	8,738	5.08	444	10-72		43	573	-.04	24	43
65-24-0005	2756451	584458	12-67	3	301	12,823	4.95	635	37	9,967	5.13	511	4-72		42	583	-.06	23	43
65-24-0005	2756452	584458	12-67	4	285	12,390	4.95	613	41	10,263	5.04	517	1-73		43	518	-.05	21	39
65-24-0005	2763612	584458	2-68	3	305	12,990	4.77	619	46	9,430	5.06	477	10-72		42	653	-.07	25	48
65-24-0005	2822546	583958	11-69	2	293	13,055	5.00	653	61	9,820	5.04	495	11-72		40	578	-.04	25	44
65-24-0005	2830257	583958	12-69	1	305	14,200	4.75	675	64	10,010	4.99	499	11-72		36	577	-.07	22	42
65-24-0005	2850444	590165	8-70	1	295	14,180	4.77	676	66	10,110	5.00	505	11-72		32	545	-.07	20	39
65-24-0006	2583063	563805	6-64	6	301	10,968	4.91	539	99	9,322	4.92	459	11-72		43	441	.01	23	37
65-24-0006	2761785	587828	3-68	2	305	14,820	4.53	672	15	10,205	4.66	476	5-72		30	565	-.05	23	42
65-24-0006	2863984	583958	5-70	2	305	13,375	4.58	612	32	9,905	4.79	474	3-73		40	604	-.07	23	44
65-25-0003	2869768	583958	12-69	2	305	12,260	4.43	543	11	8,855	4.71	417	3-73		40	576	-.09	20	40
65-46-0004	2798483	580836	11-68	3	305	13,597	4.77	649	12	10,000	4.72	472	1-73		41	491	.03	27	43
65-46-0016	2759906	595550	6-68	2	299	14,450	4.80	694	22	11,100	4.78	531	2-72		40	479	.02	26	41
65-57-0001	2822737	583958	12-69	2	305	11,410	4.65	530	43	8,680	4.92	427	12-72		40	504	-.07	18	36
71-02-0083	2661935	594165	3-66	3	305	12,923	4.80	620	33	9,080	5.00	454	4-72		29	540	-.03	24	42
71-02-0083	2878210	604694	2-69	1	259	12,460	4.61	574	55	8,480	4.98	422	7-72	B	35	567	-.04	24	43
71-02-0083	2878245	604694	10-70	1	142	10,950	4.70	515	52	8,280	4.84	401	11-72	B	35	464	-.02	21	36
71-02-0083	2908253	604694	5-70	1	220	10,910	5.19	566	60	8,140	4.98	405	8-72	B	35	469	.02	25	40
71-04-0028	2743420	605342	9-67	3	279	13,743	5.05	694	21	10,556	5.04	532	12-72		32	670	.02	36	58
71-07-0014	2731687	557569	7-67	3	304	12,380	4.17	516	15	8,093	4.65	376	5-72		39	820	-.14	26	55
71-08-0001	2852317	602658	10-70	1	305	13,240	3.96	524	36	9,180	4.73	434	2-73		35	784	-.24	14	44
71-26-0002	2822574	593883	12-69	1	139	11,010	4.44	489	7	9,310	4.39	409	1-73	B	34	394	.07	26	38
72-07-0001	2626505	599360	8-65	4	304	13,258	4.88	647	73	9,373	4.87	456	9-72		30	592	.00	29	48
72-07-0001	2664885	596407	11-65	6	303	12,486	4.36	544	40	9,421	4.71	444	12-72		43	508	-.07	18	36
72-07-0005	2580034	567401	10-64	6	299	12,002	4.49	539	40	8,118	4.69	381	1-73		40	487	-.05	19	36
72-07-0005	2766072	602754	10-68	2	305	12,450	4.39	547	46	9,430	4.76	449	1-72		37	616	-.07	24	45
72-14-0002	2740625	584458	8-67	3	305	13,273	4.38	581	29	9,973	5.00	499	11-72		42	635	-.13	18	41
72-14-0002	2855166	602658	2-71	1	305	12,730	4.32	550	26	10,510	4.91	516	3-73		35	663	-.22	11	36
72-14-0009	2671305	584458	10-66	2	305	12,975	4.38	568	38	10,035	4.76	478	12-72		40	558	-.11	17	37
72-16-0006	2600882	596407	1-65	2	305	11,460	4.52	518	30	8,965	4.62	322	10-72		38	526	-.03	23	41
72-28-0014	2790334	602658	5-69	2	300	14,505	3.72	540	28	8,235	4.68	385	9-72		39	1,072	-.31	21	61
72-28-0014	2842507	596832	11-70	1	305	12,680	3.78	479	21	8,490	4.42	375	1-73		32	617	-.17	14	37
72-37-0103	2529515	596407	8-63	4	300	13,122	5.11	671	12	10,367	4.70	487	12-72		42	475	.06	29	44
72-37-0103	2668624	580714	12-65	5	303	13,044	4.48	585	14	10,176	4.79	487	6-72		40	562	-.03	25	44
72-46-0001	2737397	602754	7-67	4	299	11,610	4.38	509	35	8,652	4.55	394	6-72		41	641	-.05	27	49
72-46-0001	2737399	584458	6-67	2	305	13,615	4.13	562	22	8,360	4.57	382	3-72		40	760	-.13	24	51
72-60-0101	2575361	549126	8-63	7	301	12,154	4.56	554	110	9,216	4.62	426	9-72		43	450	.01	23	38
72-60-0101	2575364	549126	8-63	6	300	12,853	4.38	563	97	9,017	4.59	414	5-72		43	562	-.03	25	44
72-60-0101	2661394	595354	8-65	5	304	13,144	4.72	621	93	9,400	4.59	431	10-72		37	527	.00	26	43
72-60-0101	2709285	596407	11-65	5	305	12,800	4.45	569	92	9,998	4.53	453	1-73		43	488	-.03	21	37
73-02-0007	2585690	564125	10-64	5	258	14,080	4.99	703	35	10,334	5.20	537	1-72	B	44	562	-.02	26	45
73-23-0002	2525395	592911	5-63	7	305	12,321	5.66	697	43	8,907	5.06	451	3-73		35	609	.15	45	63
73-23-0002	2576860	592911	1-65	6	279	11,685	5.66	661	46	8,697	4.99	434	9-72	B	35	538	.16	42	57
73-23-0002	2583448	592911	3-65	6	302	11,085	5.36	594	50	8,990	4.95	445	5-72		35	411	.10	30	42
73-23-0002	2723752	606095	4-67	4	305	10,960	5.36	588	48	9,047	5.07	459	11-72		36	350	.09	26	36
73-23-0002	2789106	010131669	10-66	3	305	18,070	4.64	839	45	9,157	5.11	468	2-73		29	1,265	-.09	53	96
73-23-0002	2832540	602658	7-70	1	305	11,560	4.78	553	69	9,380	4.98	467	3-72		35	643	-.18	14	38
73-23-0002	2853525	602658	3-71	1	305	12,060	4.55	585	56	8,510	5.12	436	12-72		35	796	-.21	18	47
73-26-0050	2895450	602658	12-71	1	305	11,280	4.76	537	32	7,840	4.91	385	3-73		35	716	-.17	18	44

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	FAT (LB)	DOL-LARS
73-36-0015	2803500	585350	7-69	2	305	11,675	5.74	670	31	9,020	5.00	451	12-72		40	383	.21	39	$ 48
73-36-0015	2835588	583958	2-70	1	305	14,200	4.10	582	27	9,600	4.65	446	2-72		36	602	-.11	19	40
73-36-0015	2886196	602658	4-71	1	305	12,080	4.99	601	29	9,160	5.20	476	3-73		35	694	-.17	17	42
73-47-0015	2723435	604909	5-67	3	305	14,253	6.11	871	32	11,543	5.42	626	8-71		33	744	.20	57	78
73-47-0015	2723442	604909	2-67	4	305	15,022	5.29	794	22	12,397	5.25	651	8-72		35	782	.06	45	70
73-47-0015	2804167	594030	7-68	3	305	15,666	5.48	859	33	12,700	5.35	679	1-73		34	475	.08	31	45
73-47-0015	2822166	604909	6-68	3	299	14,503	5.25	762	22	12,356	5.26	650	6-72		33	690	.05	39	61
73-47-0015	2834189	604909	7-69	2	290	15,335	4.75	729	32	11,575	5.06	586	9-72		30	839	-.01	40	68
73-60-0020	2727705	560800	9-67	3	301	12,283	4.61	566	10	8,760	5.02	440	1-73		42	594	-.07	22	43
73-60-0020	2848867	585350	9-70	1	305	11,480	4.74	544	12	8,310	4.91	408	9-72		35	350	.11	28	38
73-72-0044	2835935	585350	8-70	1	305	10,980	6.17	677	17	8,420	5.93	499	11-72		35	305	.17	32	39
74-01-0034	2839557	583958	10-70	1	305	12,170	4.52	550	40	8,220	5.01	412	11-72		36	533	-.08	18	37
74-05-0043	2528310	575184	5-63	5	305	13,004	4.31	561	74	8,430	4.69	395	9-71		44	598	-.11	19	40
74-05-0043	2827113	610431	6-70	1	305	13,900	4.45	619	139	7,920	4.70	372	9-72		23	544	-.02	25	43
74-05-0043	2837347	604694	10-70	1	305	10,270	4.66	479	84	7,730	4.61	356	3-73		35	445	-.01	21	36
74-10-0190	2856237	578382	6-70	1	305	16,230	4.63	752	31	11,560	4.90	567	5-72		35	705	-.12	23	48
74-10-0190	2881691	585350	2-71	1	291	13,240	5.11	676	25	11,260	4.88	549	2-73		35	305	.14	29	37
74-10-0220	2778655	578382	10-68	2	305	14,795	4.37	646	32	10,430	4.80	501	4-72		39	770	-.16	22	50
74-10-0220	2794066	578382	3-69	2	305	13,705	4.35	596	28	10,130	4.95	501	10-72		39	682	-.17	17	42
74-14-0123	2508985	587883	11-67	5	304	13,770	4.48	617	30	9,370	4.92	461	10-72		34	805	-.10	30	58
74-15-0162	2507467	563805	1-68	8	299	11,249	5.15	579	38	9,665	4.69	453	7-72		43	442	.07	29	42
74-15-0162	2590446	563805	12-64	6	305	12,688	4.79	608	44	9,555	4.74	453	9-72		43	645	.01	33	54
74-15-0162	2774284	609485	8-68	3	214	12,773	4.91	627	29	10,663	4.70	501	3-73	B	32	551	-.01	26	44
74-15-0162	2774286	609485	9-68	3	249	12,916	4.54	586	43	9,893	4.79	474	12-72	B	32	654	-.08	24	47
74-15-0162	2774288	609485	9-68	2	305	15,830	4.05	641	42	10,195	4.60	469	7-72		29	933	-.16	30	63
74-15-0162	2774290	609485	9-68	2	305	11,630	5.23	608	29	10,455	4.71	492	1-72		29	407	.03	23	36
74-15-0162	2774291	609485	10-68	3	230	14,516	5.15	747	23	10,853	4.68	508	4-73	B	32	766	.04	42	66
74-15-0162	2774292	609485	10-68	2	241	12,365	4.58	566	27	10,415	4.64	483	4-72	B	29	498	-.06	19	36
74-15-0162	2793837	609485	1-69	3	237	13,696	4.16	570	33	10,753	4.75	511	4-73	B	32	666	-.15	18	42
74-15-0162	2793848	609485	4-69	2	304	13,195	4.80	634	28	10,775	4.72	509	1-72		29	563	-.03	25	44
74-15-0162	2824215	609485	11-69	2	262	13,980	4.64	648	46	9,795	4.87	477	12-72	B	29	750	-.07	30	56
74-15-0162	2825534	609485	1-70	1	35	14,570	4.70	685	18	12,010	4.70	565	3-73	B	24	538	-.05	22	40
74-15-0162	2831214	609485	2-70	1	171	15,280	4.66	712	41	11,030	4.85	535	1-73	B	24	672	-.07	26	49
74-15-0162	2841540	609485	7-70	1	247	15,120	3.87	585	49	9,960	4.94	492	11-72	B	24	734	-.18	18	45
74-15-0162	2851839	609485	8-70	1	228	13,000	4.51	586	49	9,960	4.94	492	11-72	B	24	544	-.09	18	37
74-15-0162	2851840	609485	8-70	1	218	13,490	4.28	578	41	10,250	4.95	507	12-72	B	24	567	-.12	16	36
74-15-0162	2851846	609485	9-70	1	186	15,030	4.17	627	41	11,030	4.85	535	1-73	B	24	649	-.13	19	42
74-15-0162	2851849	609485	9-70	1	193	14,900	4.34	646	41	11,030	4.85	535	1-73	B	24	638	-.11	21	44
74-15-0162	2856743	609485	1-71	1	177	13,110	4.94	647	41	11,030	4.85	535	1-73	B	24	477	-.03	21	37
74-15-0162	2872972	609485	8-68	2	168	13,245	4.73	627	22	11,480	4.64	533	3-73	B	29	502	-.03	22	39
74-15-0162	2897276	609485	5-71	1	65	15,140	4.36	660	31	11,370	4.85	551	2-73	B	24	635	-.10	21	43
74-15-0162	2905593	609485	10-70	1	93	15,280	4.14	632	41	11,030	4.85	535	1-73	B	24	672	-.14	19	43
74-15-0188	2775041	567370	6-68	2	305	11,845	4.91	582	10	9,090	4.72	429	12-72		40	448	.00	22	37
74-16-0116	2454767	560800	11-61	10	282	12,716	4.71	599	24	9,382	4.85	455	4-73	B	44	626	-.05	26	47
74-16-0116	2679490	560800	8-66	5	301	12,058	4.40	531	34	9,634	4.71	454	9-72		44	514	-.08	18	36
74-16-0147	2612865	574480	6-61	4	305	14,545	4.48	651	34	9,808	4.60	451	2-72		33	780	-.06	33	59
74-16-0147	2612866	574480	6-61	5	295	12,492	4.88	610	46	9,626	4.54	437	10-72		35	520	.03	29	45
74-16-0147	2612874	574480	6-62	5	303	11,752	4.77	561	40	9,446	4.55	430	12-72		35	429	.02	23	37
74-16-0147	2612903	591904	8-65	4	294	13,795	4.28	590	44	9,665	4.56	441	8-72		33	650	-.11	21	44
74-18-0133	2804732	593816	8-69	1	305	12,500	4.71	589	28	8,670	4.42	383	2-72		35	456	-.01	22	37
74-25-0136	2584316	589136	10-64	6	300	12,093	5.53	669	56	9,995	5.46	546	8-72		41	494	.04	28	44
74-25-0136	2605510	598262	12-64	6	305	14,118	5.04	711	53	10,263	4.85	498	8-72		35	704	.04	39	61
74-25-0136	2621787	602434	9-64	6	299	11,748	5.04	592	43	9,585	5.40	518	5-72		36	492	-.02	22	38
74-25-0136	2642965	563805	2-66	5	305	14,960	4.93	738	59	9,678	5.44	526	9-72		43	935	-.03	43	74
74-25-0136	2670109	602434	1-63	3	300	12,820	5.73	734	62	9,896	5.36	530	7-72		33	573	.10	38	55
74-25-0136	2670129	602434	7-64	3	299	12,856	5.33	685	40	10,113	5.19	525	3-73		33	554	.05	32	49
74-25-0136	2670130	602434	10-64	3	305	13,410	5.30	711	17	10,776	5.41	583	1-72		33	557	.02	30	48
74-25-0136	2670133	602434	10-64	2	305	13,800	5.52	762	16	11,030	5.33	588	2-72		30	544	.07	34	51
74-25-0136	2705572	598262	1-66	5	298	12,574	4.79	602	44	10,014	4.88	489	5-72		35	501	-.01	24	41
74-25-0136	2712713	602434	8-66	4	303	11,970	5.35	608	45	9,302	5.47	509	9-71		35	460	.01	24	39
74-25-0136	2733852	608781	11-67	3	296	13,903	4.51	627	50	10,460	4.87	509	5-72		32	644	-.09	23	45
74-25-0136	2739710	605372	10-67	4	305	12,500	5.34	667	59	10,115	5.28	534	12-72		33	398	.04	24	36
74-25-0136	2739715	602434	9-67	4	305	13,957	5.24	732	47	9,862	5.38	531	10-72		35	767	.02	40	65
74-25-0136	2739716	602434	9-67	4	305	11,957	5.12	612	58	9,632	5.38	518	8-72		35	506	-.01	24	41
74-25-0136	2803081	602434	7-69	1	305	11,380	6.14	699	56	9,420	5.28	497	8-71		24	364	.11	29	39
74-25-0136	2824703	602434	8-68	3	305	16,883	5.02	847	55	9,790	5.35	524	6-72		33	1,129	-.02	54	91
74-25-0136	2825298	602434	8-68	3	299	13,740	5.10	701	44	9,986	5.33	532	5-72		33	686	.00	34	56
74-25-0136	2846807	602434	4-69	2	305	11,710	5.61	657	63	9,725	5.36	521	9-72		30	420	.06	27	40
74-25-0136	2855688	602434	6-69	2	295	12,725	5.39	686	66	9,780	5.33	521	7-72		30	535	.05	31	48
74-25-0199	2509436	566892	3-63	5	305	20,962	5.14	1077	20	13,928	5.46	761	6-72		37	1,240	.02	64	104
74-25-0199	2598301	585350	7-63	7	305	16,150	5.70	921	23	13,190	5.46	720	6-72		44	597	.20	49	65
74-25-0199	2598306	594030	8-63	5	305	14,958	5.91	884	40	13,474	5.54	746	10-71		37	336	.14	30	39
74-25-0199	2710765	603198	5-66	4	305	15,995	5.41	866	29	14,325	5.47	784	3-72		35	483	.00	24	40
74-25-0199	2710773	603198	2-66	4	305	17,902	5.38	963	40	13,630	5.35	729	1-73		35	836	.03	44	71
74-25-0199	2710776	604905	7-66	5	304	16,046	5.38	863	30	13,208	5.40	718	11-72		35	619	.03	34	54
74-25-0199	2714481	604905	7-66	5	305	16,434	5.59	918	32	13,882	5.41	751	11-72		35	605	.08	38	56
74-25-0199	2723443	604909	3-67	4	302	15,745	5.37	845	32	13,320	5.39	718	11-72		35	780	.05	44	69
74-25-0199	2736729	604909	9-67	3	305	18,416	5.66	1042	21	14,206	5.44	773	6-72		33	1,017	.13	64	95
74-25-0199	2736730	604909	8-67	3	303	16,300	5.67	924	19	14,373	5.41	777	5-72		33	715	.12	47	69
74-25-0199	2741138	604909	10-67	3	305	18,350	5.73	1052	11	14,326	5.44	780	5-72		33	995	.14	64	94
74-25-0199	2767560	604909	7-68	3	305	17,320	5.33	924	34	13,706	5.33	731	12-72		33	923	.06	52	81
74-25-0199	2804168	604909	9-68	3	305	17,693	5.07	897	20	12,973	5.17	671	11-72		33	1,052	.03	55	89
74-25-0199	2804170	604909	2-69	2	305	22,245	5.18	1152	12	14,970	5.34	800	4-72		30	1,338	.04	70	113
74-25-0199	2804172	604909	3-69	2	305	16,650	5.63	937	24	14,320	5.18	742	8-72		30	734	.14	50	72
74-25-0199	2804173	563805	12-68	2	305	22,005	5.49	1208	22	15,760	5.35	843	8-72		38	1,027	.09	60	92

TABLE 4. JERSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
74-25-0199	2813423	604909	6-68	2	304	12,490	5.40	675	13	11,380	5.11	582	6-72		30	519	.08	34	$ 50
74-25-0199	2816515	604909	7-67	3	305	17,993	5.60	1008	25	15,393	5.40	831	4-72		33	833	.12	53	78
74-25-0199	2824895	604909	12-68	2	305	16,075	5.03	809	12	14,970	5.34	800	4-72		30	604	-.01	29	49
74-25-0199	2830456	610868	1-69	2	305	16,760	4.73	793	38	12,500	5.14	642	6-72		29	702	-.07	28	52
74-25-0199	2834192	604909	7-69	2	305	17,115	4.61	789	29	14,030	5.17	725	1-73		30	817	-.06	34	62
74-25-0199	2834195	604909	11-69	1	305	14,950	5.05	755	31	13,510	5.40	730	8-71		24	567	.01	29	47
74-25-0199	2834220	610921	8-69	2	305	18,165	5.16	938	31	14,150	5.19	735	11-72		25	630	.02	33	53
74-25-0199	2834225	610921	7-70	1	305	21,940	4.64	1017	10	13,800	4.81	664	2-73		19	858	-.04	38	67
74-25-0199	2844606	572331	11-70	1	305	17,560	4.40	772	38	14,120	5.17	730	10-72		31	787	-.18	21	50
74-25-0199	2868905	604909	9-70	1	305	18,590	4.84	899	28	13,850	5.06	701	11-72		24	603	-.03	27	47
74-25-0199	2868912	585350	11-70	1	305	19,910	4.94	983	35	13,920	5.03	700	12-72		35	648	.11	43	62
74-25-0199	2868915	546137	12-70	1	305	17,020	4.62	787	35	14,000	5.04	706	12-72		35	549	.02	29	47
74-33-0192	2603563	595916	10-64	4	301	12,245	5.36	656	20	10,230	4.59	470	7-72		30	393	.13	29	38
74-33-0192	2808313	585350	3-69	2	302	11,745	4.58	538	25	9,365	4.57	428	9-72		40	362	-.10	28	38
74-35-0109	2536056	563805	3-63	6	305	11,968	5.40	646	83	8,900	4.85	432	9-72		43	619	.09	40	59
74-35-0109	2549801	563805	3-64	6	305	11,028	5.20	573	80	8,857	4.91	435	1-73		43	499	.05	30	45
74-35-0109	2603565	604427	8-66	4	304	12,645	5.25	664	72	10,017	4.67	468	4-72		37	397	.11	30	41
74-35-0109	2694800	595854	5-66	4	283	13,247	4.27	565	101	9,627	4.76	458	7-72	B	35	587	-.14	15	36
74-35-0109	2697034	604427	4-67	3	305	12,750	5.51	702	71	10,276	4.82	495	2-73		36	360	.14	31	41
74-35-0109	2697049	604427	7-67	3	301	13,716	5.02	688	69	9,760	4.71	460	5-72		36	536	.07	33	49
74-35-0109	2697457	604427	3-69	2	305	13,070	4.62	604	75	8,985	4.80	431	7-72		34	475	-.01	23	39
74-35-0109	2700378	600823	3-67	3	305	13,700	4.39	602	99	9,447	4.81	454	8-72		34	634	-.14	17	40
74-35-0109	2703330	563805	3-67	3	305	12,570	5.01	630	74	9,847	5.18	510	7-72		41	566	.01	29	47
74-35-0109	2723925	604427	7-67	2	255	13,045	5.57	726	63	9,725	5.37	522	8-71		34	405	.08	28	40
74-35-0109	2772454	604427	1-68	3	305	11,676	5.40	630	75	9,086	4.80	436	8-72		36	344	.11	28	37
74-35-0109	2772474	604427	4-67	3	305	14,033	4.75	667	70	9,446	4.74	448	6-72		36	608	.01	31	51
74-35-0109	2776322	593816	1-69	3	224	13,860	4.49	622	76	10,173	5.13	522	1-73		42	610	-.10	20	42
74-35-0109	2778855	602283	8-68	3	285	15,476	4.96	768	79	10,580	5.06	535	2-73		41	752	-.07	30	56
74-35-0109	2807441	593816	8-69	1	305	16,150	4.53	732	130	10,340	4.89	506	11-71		35	631	-.06	25	47
74-35-0109	2807442	593816	8-69	2	305	15,870	4.40	699	116	9,260	4.97	460	11-72		40	839	-.10	31	60
74-35-0109	2812798	585350	12-69	2	299	12,965	4.64	601	115	10,490	4.92	516	1-73		40	394	.08	27	39
74-35-0109	2827196	604427	12-68	2	305	16,550	4.80	795	70	9,295	4.77	443	6-72		34	840	.01	43	70
74-35-0109	2827223	604427	4-69	2	289	12,600	4.71	593	75	8,745	4.84	423	8-72	B	34	444	.00	22	37
74-35-0109	2827225	604427	4-69	2	289	13,390	5.11	684	87	10,230	4.89	500	1-73		34	399	.05	25	37
74-35-0109	2855737	604427	12-68	3	263	13,313	5.02	668	65	10,420	4.83	503	2-73		36	417	.05	26	39
74-35-0206	2879348	604694	3-70	1	305	15,920	4.28	682	33	9,550	5.20	497	3-72		35	766	-.10	28	55
74-35-0206	2879353	604694	8-70	1	305	13,310	4.84	644	33	9,550	5.20	497	3-72		35	566	-.03	25	44
74-35-0206	2879362	604694	4-70	1	305	11,990	4.65	558	23	8,920	5.00	446	6-72		35	504	-.03	22	39
74-36-0019	2567167	497574	3-64	7	301	11,200	4.54	508	90	8,747	4.76	416	4-73		44	590	-.05	24	44
74-36-0019	2586020	560398	8-64	6	303	11,130	4.72	525	96	8,110	4.80	389	7-72		38	465	-.03	20	36
74-36-0019	2612573	592378	8-65	8	296	12,636	4.47	565	67	8,648	4.83	418	4-73		35	607	-.09	21	42
74-36-0019	2806788	607265	9-69	2	305	13,125	5.13	673	31	10,455	4.68	489	4-73		29	389	.05	24	36
74-36-0019	2817632	607265	9-69	2	287	13,985	4.78	669	38	10,450	4.69	490	2-73		29	494	.00	24	40
74-36-0024	2543438	592378	8-63	7	305	13,291	4.91	652	23	9,220	4.76	439	3-73		35	637	.00	32	53
74-74-0002	2830447	587238	6-68	2	305	14,170	4.51	639	41	10,485	4.86	510	3-72		29	559	-.08	20	39
82-11-0117	2682973	560800	10-66	4	305	13,328	4.95	660	40	10,220	5.26	538	3-72		43	602	-.05	25	45
82-11-0117	2829195	585350	12-69	2	305	13,710	4.98	683	37	10,440	5.26	549	1-73		40	475	.10	33	47
82-13-0113	2783112	605550	11-68	3	304	13,226	5.26	696	16	10,280	5.36	551	2-73		32	482	.00	24	40
82-14-0194	2677149	604301	2-66	6	304	13,433	5.03	676	19	10,275	5.00	514	2-73		35	693	.02	36	58
82-14-0194	2745359	604301	2-66	4	304	13,140	4.69	616	25	9,718	5.17	502	11-72		33	698	-.07	28	52
82-14-5157	2638462	598489	11-65	3	305	14,596	5.36	783	15	8,966	4.89	438	4-72		37	559	.12	40	56
82-14-5157	2736590	604567	10-67	3	305	13,053	4.99	651	18	8,410	5.09	428	12-72		32	623	.00	31	51
82-14-5260	2822957	604694	11-69	1	305	14,200	4.06	576	56	11,280	4.38	494	12-71		35	529	-.06	20	38
82-15-0198	2661632	583915	3-64	6	305	11,640	4.86	566	14	9,235	4.76	440	1-73		37	524	-.02	24	41
82-15-0198	2661640	583915	7-64	6	301	12,378	5.02	621	15	10,183	4.77	486	2-73		37	521	.01	27	44
82-15-0198	2687449	587569	10-66	4	303	10,655	4.89	521	19	9,410	4.85	456	9-72		40	483	-.05	19	36
82-15-0198	2879406	585350	7-70	1	305	12,770	4.68	598	14	9,680	4.81	466	10-72		35	365	.10	28	38
82-16-0167	2764115	593883	5-68	4	256	10,582	4.95	524	17	8,442	5.06	427	3-73	B	42	481	.06	30	45
82-16-0167	2929784	593883	4-71	1	305	14,700	4.60	676	20	9,780	4.65	455	3-73		34	649	.06	36	58
82-25-0118	2597555	577237	11-64	7	305	13,264	5.87	779	12	9,993	5.15	515	3-73		44	537	.20	46	60
82-25-0118	2811725	585350	10-68	2	305	13,505	5.96	805	10	11,760	5.18	609	3-73		40	346	.24	40	48
82-26-0199	2866032	593883	1-71	1	305	13,490	4.15	560	45	11,060	4.64	513	3-73		34	477	.01	25	40
82-26-0199	2866034	593883	2-71	1	305	12,980	4.55	590	52	11,030	4.64	512	2-73		34	439	.06	28	41
82-26-0199	2866035	593883	2-71	1	305	14,560	4.69	683	52	11,030	4.64	512	2-73		34	561	.07	35	52
82-26-0199	2866037	593883	2-71	1	305	12,470	6.02	751	45	11,060	4.64	513	3-73		34	398	.21	40	50
82-26-0199	2866039	593883	4-71	1	305	14,220	4.25	604	29	11,310	4.59	519	4-73		34	518	.02	28	45
82-29-0213	2507949	561500	8-62	7	305	14,880	4.52	673	32	10,201	5.05	515	11-72		43	638	-.09	23	45
82-29-0213	2524207	561500	11-62	8	305	13,710	4.80	658	36	10,023	5.02	503	8-72		43	503	-.03	22	39
82-29-0213	2769857	601618	4-67	3	305	13,897	4.88	678	29	10,603	4.83	512	12-72		29	505	.00	25	42
82-49-5171	2808801	585350	11-69	2	290	12,625	5.39	681	7	9,895	5.14	509	10-72		40	408	.16	36	47
82-56-0138	2616363	600395	2-65	3	257	13,233	4.62	611	19	8,627	4.88	421	5-72		32	669	-.03	30	52
84-03-0814	2722090	605183	4-67	3	305	15,333	4.71	722	82	9,463	4.98	471	2-73		29	840	-.05	36	64
84-03-0814	2751090	606262	3-68	3	305	13,040	4.67	609	75	9,073	4.95	449	12-72		32	467	-.01	22	37
84-03-0814	2790333	602658	5-69	2	298	11,730	4.67	548	50	8,660	4.97	430	7-72		39	750	-.19	18	46
84-03-0814	2794114	589166	7-69	2	305	13,165	4.23	557	71	8,645	5.00	432	11-72		37	611	-.08	22	43
84-03-0814	2794115	589166	7-69	2	305	12,645	5.34	675	71	8,645	5.00	432	11-72		37	556	.08	35	52
84-03-0814	2848355	602658	1-71	1	305	13,120	4.86	638	100	9,220	5.03	464	1-73		35	772	-.17	21	49
84-03-0814	2867477	602658	4-71	1	282	13,260	3.73	495	59	9,670	4.95	479	3-73		35	755	-.28	9	38
84-06-9089	2592810	596975	11-64	6	301	14,468	4.54	657	10	10,305	4.88	503	11-72		32	690	-.08	26	50
84-06-9089	2810191	593816	10-69	2	305	16,210	4.26	691	10	10,975	4.90	538	11-72		40	734	-.12	24	50
84-15-9019	2657412	541866	3-63	6	305	12,108	5.14	622	50	8,848	5.07	449	6-72		44	426	.05	26	39
84-15-9019	2674173	602903	4-66	5	305	11,504	5.03	579	44	8,426	5.08	428	8-72		35	444	-.01	21	36
84-15-9019	2832994	605836	3-70	1	305	12,360	4.92	608	48	9,190	4.99	459	5-72		26	631	-.06	25	47
85-03-0040	2839366	604909	8-69	1	294	11,240	6.01	675	22	8,460	4.99	422	10-71		24	596	.15	44	61
85-20-9001	2508390	550931	8-62	5	299	12,978	4.71	611	57	9,334	4.68	437	5-72		44	425	.04	25	38

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
85-20-9001	2534516	582139	9-62	7	305	14,876	4.99	742	59	9,944	4.60	457	10-72		38	747	.07	44	$ 67
85-20-9001	2659662	601905	12-65	4	298	12,168	4.46	543	58	8,750	4.81	421	8-72		30	502	-.07	18	36
85-20-9001	2710168	598017	7-65	5	297	12,302	4.79	584	63	9,128	4.75	434	10-72		32	496	-.02	23	39
85-20-9001	2815671	612364	8-69	2	305	12,355	4.72	583	77	8,690	4.63	402	10-72		30	503	-.02	23	40
85-20-9001	2829121	593883	5-70	1	302	10,810	5.19	561	78	9,620	4.67	449	11-72		34	359	.12	29	39
85-20-9001	2863885	610051	12-70	1	305	15,830	4.30	680	74	10,090	4.63	467	12-72		22	503	-.06	19	36
86-01-9097	2803502	602482	9-69	2	299	15,155	4.22	640	16	11,340	4.99	566	10-72		34	636	-.16	15	38
86-01-9097	2842862	602658	9-70	1	283	14,920	4.26	636	23	11,790	4.76	561	11-72		35	753	-.22	15	43
86-01-9447	2241521	560855	11-57	3	305	14,493	5.13	744	121	9,937	4.66	463	7-72		32	567	.09	37	54
86-01-9447	2591473	582713	11-64	4	302	14,378	4.10	590	110	10,178	4.67	475	7-72		36	632	-.14	17	40
86-01-9447	2664809	595944	11-64	5	300	13,624	4.85	661	116	10,232	4.78	489	12-72		38	584	.04	33	51
86-01-9447	2693370	583915	1-64	3	305	12,627	4.50	568	108	9,667	4.80	464	2-72		34	580	-.08	21	41
86-01-9447	2693374	583915	1-64	4	305	13,605	4.65	632	144	9,608	4.78	459	12-72		36	747	-.06	31	56
86-01-9447	2707567	604789	1-67	4	295	13,998	4.29	601	102	9,565	4.72	451	7-72		35	680	-.12	22	46
86-01-9447	2735995	604789	12-67	4	294	14,595	4.09	597	115	10,555	4.70	496	4-73		35	653	-.16	16	40
86-01-9447	2736013	560800	11-67	2	305	13,355	4.69	626	129	10,355	4.71	488	4-72		40	531	-.03	23	41
86-01-9447	2736016	576127	7-67	3	305	13,017	5.21	678	138	10,080	4.76	480	3-72		41	453	.10	32	45
86-01-9447	2768488	610098	5-68	3	304	15,043	4.41	664	142	10,343	4.71	487	12-72		32	675	-.08	25	48
86-01-9447	2768502	609390	8-68	3	278	14,846	4.02	597	149	9,673	4.78	462	8-72		32	834	-.19	22	52
86-01-9447	2811434	609390	8-69	2	289	14,305	4.28	612	173	10,760	4.69	505	12-72		29	590	-.11	18	39
86-01-9447	2844271	593883	9-70	1	305	14,150	4.49	636	213	10,120	4.74	480	11-72		34	585	.04	33	51
86-01-9447	2844287	602658	12-70	1	305	14,960	4.05	606	214	10,260	4.74	486	12-72		35	849	-.25	17	49
86-01-9447	2846416	606741	9-70	1	305	13,970	4.61	644	214	10,120	4.74	480	11-72		27	516	-.08	18	36
87-03-0015	2673684	572331	3-66	6	294	11,361	4.45	505	17	8,800	5.00	440	3-73		40	710	-.15	20	46
87-06-0389	2483317	583397	4-62	5	305	13,472	4.71	634	28	9,248	4.94	457	5-72		37	576	-.03	26	45
87-06-0389	2777923	609895	6-68	3	305	14,517	5.50	798	27	9,890	5.04	498	12-72		29	675	.11	44	64
87-06-0389	2828176	604694	3-70	1	305	13,960	5.32	743	17	10,460	4.97	520	4-72		35	560	.03	31	49
87-06-0700	2775858	610432	7-68	3	305	12,853	5.42	697	28	9,960	5.00	498	3-73		29	430	.09	30	43
87-06-0700	2775859	593883	9-68	3	305	11,163	5.53	617	28	9,776	5.12	501	10-72		41	412	.13	33	44
87-06-0700	2854426	592684	10-69	2	305	14,145	4.74	670	28	10,825	5.05	547	12-72		32	579	-.09	20	40
87-06-0798	2461671	579148	3-61	3	305	13,090	5.40	707	52	8,683	5.03	437	7-72		32	516	.07	32	48
87-06-0798	2544154	556095	9-62	4	305	14,978	5.01	750	54	8,535	5.08	434	1-72		43	927	-.03	43	74
87-06-0798	2551161	563805	1-64	3	305	12,943	5.10	660	65	8,650	4.99	432	11-72		41	724	.04	40	63
87-06-0798	2555446	583397	11-63	4	302	13,750	4.92	676	48	8,075	5.18	418	8-72		36	720	-.01	35	59
87-06-0798	2743760	600624	1-67	4	305	15,207	4.84	736	59	8,827	4.96	438	3-72		35	870	-.01	42	71
87-06-0798	2743816	583397	8-66	4	299	13,027	4.50	586	53	8,915	4.96	442	12-71		36	524	-.06	20	38
87-06-0798	2789969	583397	8-68	3	305	12,486	5.67	708	52	9,116	4.99	455	3-73		34	395	.14	33	44
87-06-0798	2816657	604694	3-69	2	293	11,020	5.39	594	58	8,860	4.99	442	5-72		39	472	.05	28	43
87-06-0798	2828159	604694	12-69	1	305	13,440	4.64	623	55	9,920	5.07	503	1-72		35	554	-.04	23	42
87-06-0798	2828183	604694	6-70	1	305	11,470	5.09	584	41	8,800	5.02	442	3-73		35	472	.01	24	39
87-06-0798	2834014	604694	11-70	1	305	10,850	5.17	561	41	8,800	5.02	442	3-73		35	424	.01	22	36
87-06-0798	2846865	604694	2-70	1	305	12,060	4.93	595	57	8,740	5.09	445	9-72		35	520	-.02	24	41
87-15-0911	2769930	582400	12-62	4	301	12,055	5.09	614	22	10,053	4.86	489	11-72		42	549	-.02	25	43
87-15-0911	2771894	594819	2-66	4	305	15,248	4.82	735	13	10,225	4.79	490	4-72		34	733	.01	37	61
87-15-0911	2802658	585350	7-69	1	301	13,300	5.38	715	33	9,790	5.12	501	9-72		35	398	.16	35	46
87-15-0911	2817852	604694	3-70	1	305	17,270	4.53	782	15	9,760	5.06	494	6-72		35	857	-.06	36	65
87-15-0911	2817856	585350	3-70	1	305	14,110	4.97	701	13	10,270	4.91	504	5-72		35	430	.13	34	46
87-25-0057	2539326	556095	1-64	6	304	14,892	4.78	712	9	10,780	5.16	556	9-72		44	717	-.07	28	53
87-25-0057	2702517	582400	11-66	5	298	12,470	4.96	619	14	10,908	5.08	554	2-73		43	521	-.07	19	37
87-29-0595	2690008	564125	10-66	4	304	15,990	3.82	611	36	9,038	4.78	432	1-72		43	907	-.20	24	57
87-29-0595	2774206	585350	10-68	3	305	11,860	4.99	592	51	9,343	4.80	448	12-72		42	408	.13	33	44
87-29-0610	2771195	585350	11-68	3	303	12,867	5.32	684	23	10,687	5.30	566	9-72		42	400	.13	32	43
87-29-0610	2782555	611573	4-69	2	305	14,755	5.04	744	18	11,000	5.35	588	7-72		29	713	-.01	34	58
87-29-0610	2815883	611573	1-70	2	305	15,465	5.44	842	15	11,705	5.68	665	3-73		29	731	.02	38	62
87-29-0610	2830043	611573	7-70	1	305	15,980	5.64	902	19	10,880	5.60	609	7-72		23	726	.06	42	65
87-29-0610	2837510	611573	7-70	1	305	13,100	5.46	715	18	10,410	5.70	593	8-72		23	499	.01	26	42
88-01-9002	2413311	580714	1-61	8	305	16,196	4.22	684	27	11,190	4.88	546	6-72		40	888	-.12	32	63
88-01-9002	2454747	584532	6-61	10	305	13,146	4.99	656	33	11,005	5.26	579	12-72		39	510	-.04	21	38
88-01-9002	2482419	580714	2-62	8	305	13,952	4.77	666	30	11,622	4.89	568	1-72		40	528	.01	27	44
88-01-9002	2501674	563805	12-62	4	305	14,543	4.87	708	36	12,585	5.07	638	2-73		42	558	-.01	27	45
88-01-9002	2537517	553236	9-60	9	305	12,378	5.12	634	34	11,358	4.91	558	12-72		42	376	.08	26	37
88-01-9002	2597630	583175	3-65	5	305	13,578	5.02	682	45	11,798	4.88	576	3-72		37	474	.03	26	41
88-01-9002	2613890	597904	8-65	5	305	15,456	4.54	702	35	11,582	4.84	560	8-72		37	710	-.08	27	52
88-01-9002	2670702	580714	5-66	5	305	13,744	5.03	691	44	11,874	4.79	569	6-72		40	471	.07	30	44
88-01-9002	2675600	600698	3-66	5	305	16,354	5.06	827	48	11,984	4.89	586	4-73		36	837	.04	46	73
88-01-9002	2675602	592584	5-66	5	302	14,462	4.89	707	51	12,052	4.80	578	6-72		40	525	.04	30	47
88-01-9002	2684505	601215	10-66	4	305	12,975	5.02	651	32	9,943	4.92	489	7-72		34	438	.03	25	39
88-01-9002	2721727	580714	6-67	3	305	15,643	4.99	780	42	11,696	4.79	560	7-72		38	697	.06	41	63
88-01-9002	2764435	580714	4-68	3	305	14,210	4.43	630	46	11,840	4.65	551	8-72		38	504	-.02	23	40
88-01-9002	2764438	609255	5-68	3	305	14,207	5.07	720	45	11,717	4.72	553	11-72		29	422	.06	27	40
88-01-9002	2790153	577237	11-68	2	305	14,350	4.65	667	52	11,895	4.82	573	4-73		40	403	.03	23	36
88-01-9002	2796798	605836	3-69	1	305	12,470	4.72	589	70	11,060	4.76	526	10-72		26	511	-.07	18	36
88-01-9002	2800331	609322	3-69	3	305	15,966	4.55	726	48	12,103	4.83	584	3-73		34	811	-.10	30	58
88-01-9002	2800557	597904	12-67	3	305	15,836	4.78	757	47	12,150	4.86	590	3-72		34	639	-.03	29	50
88-01-9002	2832716	610175	3-69	2	305	15,915	4.30	685	57	12,005	4.77	573	5-72		29	630	-.14	18	41
88-01-9002	2837071	593816	8-70	1	305	15,930	4.73	753	55	11,700	4.79	561	1-73		35	532	-.03	23	41
88-01-9002	2866157	593816	9-70	1	305	14,810	4.68	693	54	11,020	4.75	524	11-72		35	489	-.03	21	37
88-01-9002	2871728	593883	10-70	1	305	15,260	4.41	673	58	11,860	4.79	568	1-73		34	564	.03	31	49
88-01-9023	2528631	593883	5-63	7	302	13,065	5.20	679	19	11,424	5.02	574	10-72		43	502	.10	35	50
88-01-9023	2565729	593883	1-64	3	305	16,373	5.52	904	23	11,066	5.19	574	1-72		41	907	.16	61	88
88-01-9023	2722171	593883	3-67	4	304	15,155	5.48	830	20	11,685	5.03	588	9-72		42	732	.16	52	73
88-01-9023	2722173	593883	7-67	4	297	13,185	5.44	717	26	11,660	5.15	600	2-73		42	485	.13	37	51
88-01-9023	2760156	593883	2-68	1	305	18,190	4.87	885	21	12,420	5.15	640	1-73		34	755	.05	42	66
88-01-9023	2786507	593883	6-68	3	220	15,636	4.90	766	28	11,646	5.01	583	4-72		41	764	.05	43	67
88-01-9023	2786515	593883	2-69	2	229	13,825	4.47	618	29	12,005	4.89	587	5-72	B	38	492	.01	25	41

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
88-01-9023	2786517	593883	3-69	2	305	14,600	5.17	755	32	12,195	4.91	599	4-72		36	557	.11	38	$ 55
88-01-9023	2829435	609322	5-69	2	287	13,605	5.03	685	25	11,920	5.01	597	5-72		31	498	-.03	22	39
88-01-9023	2829439	609322	9-69	2	305	16,910	4.41	746	20	12,220	5.15	629	11-72		31	856	-.16	26	57
88-01-9023	2829440	605836	9-69	2	286	14,165	4.84	685	14	11,720	5.09	597	9-72		32	670	-.09	24	47
88-01-9023	2829449	605836	3-70	2	288	14,535	4.36	633	27	12,275	5.15	632	12-72		32	662	-.18	15	39
88-01-9023	2859864	605036	7-67	1	305	19,090	4.71	900	33	12,870	5.01	645	3-72		26	959	-.10	37	70
88-01-9023	2871725	605036	1-71	1	305	14,360	5.02	721	16	12,260	5.29	648	2-73		26	592	-.08	21	42
88-01-9033	2514039	583175	5-63	7	286	13,563	4.90	664	26	10,691	4.88	532	6-72	B	37	577	-.01	28	47
88-01-9033	2670689	580714	2-66	3	305	12,166	5.33	648	42	10,833	4.76	516	8-72		38	350	.12	29	39
88-01-9033	2670709	597904	6-66	4	305	13,315	4.88	650	21	10,762	4.87	524	11-71		36	479	-.01	23	39
88-01-9033	2719744	580714	4-67	3	305	12,860	4.90	630	33	11,190	4.85	543	9-71		38	401	.04	24	36
88-01-9033	2761443	571382	5-68	2	305	13,120	4.82	633	31	10,570	4.82	510	6-72		40	750	-.16	21	48
88-01-9033	2837061	583958	6-70	1	305	15,580	5.65	880	38	11,060	4.95	547	11-72		36	617	.04	35	54
88-01-9033	2837069	593816	8-70	1	305	14,280	5.27	753	31	10,900	5.06	552	12-72		35	456	.01	24	39
88-15-9001	2626725	563813	6-65	5	305	15,062	5.09	766	33	12,118	5.22	633	4-72		44	506	.03	28	44
88-15-9001	2626735	563813	9-65	5	305	14,944	5.45	815	34	12,168	5.22	635	3-72		44	486	.10	34	48
88-15-9001	2728454	593883	10-67	3	305	13,986	5.10	713	32	12,810	5.18	664	12-71		41	459	.06	29	43
88-15-9001	2728462	584532	6-67	3	305	15,990	5.02	802	35	12,980	5.21	676	6-72		37	639	-.04	28	49
88-15-9001	2804600	593816	4-69	2	305	18,030	4.91	886	37	13,470	5.14	693	4-72		40	716	-.04	31	55
88-15-9001	2804606	593816	6-69	1	305	18,710	4.89	914	36	13,870	5.34	741	8-71		35	611	-.05	25	46
88-15-9001	2804608	583958	7-69	2	212	17,615	4.71	829	22	12,345	5.44	672	9-72	B	40	836	-.13	28	57
88-15-9001	2804829	593883	6-68	2	305	16,215	4.79	776	35	13,540	5.21	705	8-71		38	613	.02	32	52
88-15-9001	2804832	593883	12-68	2	305	16,210	5.03	816	36	13,510	5.11	691	4-72		38	615	.07	37	56
88-15-9001	2837045	593816	10-69	1	305	17,070	4.63	790	27	13,000	5.12	665	1-72		35	540	-.07	20	39
88-15-9001	2837052	593883	11-69	1	305	17,360	4.96	861	27	12,980	5.11	663	1-72		34	656	.07	39	59
88-16-9004	2537219	584532	8-60	8	300	14,760	4.41	651	49	10,913	4.90	535	4-72		39	749	-.12	25	51
88-16-9004	2540198	580869	1-64	6	299	14,908	4.47	666	45	10,840	4.97	539	7-72		36	608	-.10	20	41
88-16-9004	2786518	593883	3-69	2	207	11,830	4.81	569	22	10,050	4.80	482	4-72	B	38	447	.07	29	43
88-16-9004	2786520	605836	5-69	2	166	12,370	4.61	570	37	10,100	4.90	495	7-72	B	32	613	-.10	20	42
88-16-9004	2878373	593883	5-70	1	302	12,050	5.15	620	42	11,030	4.78	527	8-72		34	368	.11	29	39
88-16-9004	2878378	578382	8-70	1	305	15,290	4.85	741	49	10,810	4.82	521	10-72		35	680	-.10	24	48
88-16-9004	2878402	593883	12-70	1	305	14,290	5.65	807	25	11,090	4.77	529	3-73		34	536	.17	43	58
91-10-0005	2645693	581607	11-64	5	302	13,428	5.53	743	18	11,042	5.47	604	2-73		43	477	-.01	23	39
91-10-0005	2645702	577237	11-65	5	298	13,134	5.49	721	12	11,174	5.42	606	3-73		44	397	.10	29	40
91-10-0005	2762430	582400	11-67	3	305	14,097	4.94	697	20	10,280	5.65	581	3-72		41	753	-.12	25	52
91-10-0005	2879490	582400	10-68	1	282	13,760	4.93	679	23	10,130	5.44	551	9-72		35	605	-.09	21	42
91-10-0022	2763975	582400	5-68	3	305	12,327	5.47	674	13	10,763	5.29	569	4-73		41	501	-.01	24	41
91-10-0074	2697854	577237	10-66	1	305	12,950	4.96	642	25	7,790	5.62	436	10-72		35	474	.03	26	41
91-10-5022	2480334	587417	8-61	8	305	12,746	5.21	664	16	10,093	5.37	542	5-72		37	563	-.01	27	46
91-10-5022	2649853	582400	9-64	6	305	12,797	4.99	639	20	10,425	5.33	556	9-72		43	615	-.08	22	43
91-10-5022	2745791	577237	6-67	4	305	12,745	5.56	709	15	11,235	5.34	600	2-73		43	330	.11	27	36
91-10-5022	2763972	582400	2-68	3	305	13,187	5.72	754	19	10,817	5.31	574	9-72		41	596	.04	33	52
91-10-5022	2870659	610475	6-70	1	305	15,930	5.04	803	18	10,890	5.32	579	10-72		31	571	-.11	17	37
91-12-0042	2515147	556095	12-62	7	303	16,039	4.44	712	37	10,193	5.13	523	7-72		44	928	-.15	31	64
91-12-0042	2524130	502114	2-63	7	303	12,293	5.22	642	43	10,320	5.06	524	12-72		43	443	-.01	21	36
91-12-0042	2661729	556095	8-65	6	303	14,703	4.23	622	32	11,427	5.07	579	4-73		44	624	-.18	13	36
91-12-0042	2699598	556095	8-66	4	305	12,880	5.49	707	42	11,245	5.10	573	12-72		43	396	.05	24	36
91-12-0042	2707626	556095	8-66	4	305	14,473	4.82	697	37	11,880	5.02	596	5-72		43	531	-.05	21	39
91-12-0042	2732874	584458	7-67	3	302	15,420	5.22	805	41	11,473	4.98	571	7-72		42	746	.01	38	62
91-12-0042	2773209	602754	6-68	2	305	12,865	4.65	598	38	11,160	5.08	567	8-72		37	513	-.05	20	38
91-12-0042	2773210	602754	6-68	2	305	14,490	4.92	713	46	11,970	5.10	610	1-72		37	617	-.03	28	49
91-12-0042	2783325	602754	9-68	3	305	14,746	5.17	763	43	11,980	5.04	604	3-73		39	682	.02	36	58
91-12-0042	2799975	604743	2-69	2	305	15,180	5.51	836	47	12,080	5.02	606	5-72		38	456	.17	39	51
91-12-0042	2802425	593883	5-69	2	305	15,375	5.13	788	44	11,305	5.12	579	11-72		38	712	.09	44	66
91-12-0042	2802427	593883	5-69	2	305	13,790	5.17	713	44	11,305	5.12	579	11-72		38	547	.09	36	52
91-12-0042	2808666	584321	6-69	2	305	16,075	4.91	790	50	11,810	5.19	613	11-72		35	645	-.05	27	49
91-12-0042	2808670	605036	7-69	2	305	14,055	4.82	678	37	11,860	5.14	610	4-73		32	645	-.10	22	45
91-12-0042	2815446	593883	9-69	1	305	15,180	5.00	759	53	12,250	5.13	628	1-72		34	534	.07	33	49
91-12-0042	2815451	605836	10-69	1	305	15,130	4.90	742	53	11,900	5.14	612	3-72		26	683	-.08	26	50
91-12-0042	2816564	605836	8-69	2	294	14,195	4.57	649	50	11,800	5.19	613	1-73		32	666	-.15	18	42
91-12-0042	2823046	605836	1-70	1	305	14,860	4.86	722	47	11,520	5.12	590	5-72		26	686	-.09	25	49
91-12-0042	2823047	605836	1-70	1	305	16,000	4.59	734	48	11,760	5.14	604	4-72		26	768	-.12	26	53
91-12-0042	2824202	593883	11-69	1	305	14,660	5.20	762	53	12,000	5.08	609	4-72		34	509	.10	35	50
91-12-0042	2831938	605836	2-70	1	305	16,300	4.53	739	38	11,450	5.15	590	9-72		26	816	-.13	27	56
91-12-0042	2831940	593883	3-70	1	305	13,430	5.17	694	34	11,340	5.13	582	9-72		34	455	.09	31	45
91-12-0042	2832770	593883	3-70	1	305	15,300	5.01	766	40	11,630	5.17	601	12-72		34	581	.07	36	54
91-12-0042	2832771	593883	3-70	1	305	14,040	5.57	782	40	11,630	5.17	601	12-72		34	484	.13	37	51
91-12-0042	2837926	605836	4-70	1	305	13,870	4.55	631	43	11,360	5.10	579	6-72		26	612	-.12	18	40
91-12-0042	2837931	605836	5-70	1	305	16,040	4.36	700	46	11,680	5.14	600	2-73		26	777	-.15	23	51
91-12-0042	2841880	593883	8-70	1	305	13,420	5.31	713	32	11,740	5.03	590	3-73		34	429	.11	32	44
91-12-0042	2855953	602754	10-70	1	285	13,900	4.70	653	51	11,840	5.19	614	1-73		33	516	-.05	21	39
91-12-0095	2639879	577237	8-63	6	302	12,665	4.70	595	8	10,233	4.81	492	6-72		44	434	.03	24	38
91-12-0104	2800888	582400	6-68	3	303	13,037	4.99	651	7	10,807	5.26	568	2-73		41	580	-.08	21	41
91-12-0104	2874853	602995	11-69	2	300	15,095	5.25	792	7	10,850	5.42	588	9-72		31	532	.01	27	44
91-12-0104	2879008	602995	9-68	2	305	14,660	5.14	753	6	11,040	5.30	585	9-72		31	463	-.01	22	37
91-42-0095	2706813	593574	10-66	3	300	11,993	4.66	559	21	8,697	4.92	428	10-72		34	494	-.05	20	37
91-42-5097	2768094	605283	3-68	3	301	13,880	4.30	597	11	11,486	4.73	543	12-72		37	510	-.07	18	36
91-54-0028	2552531	598346	8-63	4	305	15,898	5.00	795	31	11,243	5.15	579	7-72		34	760	-.01	37	62
91-54-0028	2699293	600895	2-66	5	305	15,206	5.07	771	29	11,204	5.14	576	1-73		32	693	.01	35	58
91-54-0028	2699303	599845	9-65	5	303	15,256	4.30	656	26	11,354	5.26	597	4-72		36	677	-.19	14	39
91-54-0028	2699315	541866	9-65	5	305	14,168	5.11	724	31	11,134	5.18	577	2-73		44	456	.03	26	40
91-54-0028	2722164	603977	3-67	5	300	14,336	5.15	739	25	11,798	5.09	600	3-73		35	365	.07	25	36
91-54-0028	2724568	556095	3-67	3	305	14,953	5.02	750	32	11,493	5.15	592	4-72		42	602	-.04	26	46
91-54-0028	2803217	608416	4-69	2	305	13,830	5.29	731	28	10,845	5.03	545	12-72		29	406	.04	24	37
91-54-0028	2848520	602658	11-70	1	305	14,340	4.57	655	28	11,450	4.96	568	11-72		35	729	-.20	16	43

TABLE 4. JERSEY USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W I N D E X MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
91-58-0042	2692396	606093	3-66	4	305	15,325	5.27	807	15	12,625	5.25	663	2-73	30	510	.03	28	$ 44
91-58-0042	2692398	577237	6-66	5	303	14,826	5.69	843	17	13,046	5.20	679	2-73	44	422	.16	37	48
91-58-0042	2835327	604743	8-69	2	305	14,500	5.59	811	11	12,270	5.18	636	4-73	38	369	.16	34	44
91-58-0042	2848891	608649	6-69	2	305	16,015	5.28	845	15	13,270	5.15	684	3-73	28	460	.04	27	41
91-58-0054	2664410	584664	11-65	3	305	12,826	5.08	652	10	9,206	5.16	475	3-73	42	448	.01	23	38
91-58-0054	2664423	598718	11-65	3	303	11,977	4.98	596	13	9,297	5.24	487	2-73	32	503	-.04	21	38
91-58-0054	2736307	582400	11-66	1	293	11,510	4.47	514	5	8,140	5.21	424	4-72	35	555	-.12	16	36
91-58-0054	2880104	010134036	9-69	2	305	13,095	5.22	684	17	9,780	5.18	507	1-73	25	430	.03	24	38
91-58-5159	2745795	582400	10-67	3	212	14,167	5.12	725	24	10,727	5.16	554	4-72	41	719	-.05	31	55
91-62-0072	2551580	502114	9-60	3	296	14,133	4.89	691	39	11,720	5.03	590	11-72	41	502	-.06	19	36
91-62-0072	2871251	556095	7-63	1	305	16,780	5.04	846	8	11,240	4.70	528	1-72	35	611	.00	30	50
91-62-0072	2881150	593883	12-70	1	305	14,210	5.29	752	88	11,310	5.29	598	11-72	34	517	.10	35	50
91-62-0072	2897401	619081	9-66	1	305	15,470	4.93	762	65	11,280	5.22	589	11-72	23	469	.00	23	38
91-62-0072	2921764	502114	7-61	1	305	16,420	5.00	821	85	11,150	5.21	581	2-73	35	612	-.06	24	45
91-62-0072	2923380	593883	12-70	1	302	13,650	4.96	677	88	11,310	5.29	598	11-72	34	474	.06	29	44
91-62-0116	2805443	582400	11-68	2	305	13,305	4.20	559	9	10,255	4.80	492	4-72	39	631	-.14	17	40
91-62-0187	2725441	582400	10-66	3	305	11,370	4.58	521	12	8,620	4.88	421	4-72	41	589	-.09	20	41
91-62-5067	2562333	556095	12-63	5	303	11,790	5.35	631	9	8,488	5.54	470	6-72	44	551	-.01	26	44
91-62-5067	2622602	520800	9-63	5	305	11,958	5.09	609	11	8,610	5.54	477	1-72	44	608	-.05	25	46
91-64-0025	2565199	497574	1-64	4	305	13,525	4.17	564	21	10,090	5.20	525	1-73	43	736	-.16	20	47
91-64-0025	2777390	497574	7-68	3	305	11,420	4.85	554	19	10,173	4.99	508	4-73	42	461	-.03	20	36
91-64-0073	2850729	593816	11-70	1	305	15,580	4.68	729	15	11,400	4.72	538	1-73	35	524	-.03	23	41
91-64-0073	2853719	585350	9-70	1	305	15,460	3.67	567	14	11,590	4.74	549	1-73	35	452	-.01	21	36
91-64-0192	2814839	604743	11-68	2	297	14,400	4.74	682	20	11,460	4.95	567	3-73	38	427	.05	26	39
91-64-5025	2515043	497574	9-62	7	305	13,194	5.46	721	23	9,870	5.41	534	1-72	44	733	.04	40	63
91-64-5025	2560497	556095	12-63	7	305	11,909	5.69	678	22	10,259	5.31	545	9-72	44	382	.05	24	36
91-64-5025	2565205	589342	5-64	6	305	12,933	5.64	729	23	10,353	5.20	538	5-72	35	369	.14	32	42
91-64-5025	2596400	550285	1-65	5	305	14,456	4.14	599	24	10,230	5.21	533	5-72	40	750	-.25	12	41
91-64-5025	2780748	497574	8-68	2	305	11,920	5.01	597	22	9,800	5.33	522	9-72	40	532	-.03	23	41
91-64-5073	2621394	599948	4-65	5	305	14,954	4.85	725	36	10,866	5.12	556	9-72	32	696	-.04	30	53
91-64-5073	2655279	606782	11-65	5	305	12,606	5.49	692	30	10,894	5.19	565	9-72	35	400	.08	28	40
91-64-5073	2764760	584970	9-66	4	305	14,118	4.65	656	33	10,808	5.21	563	10-72	35	534	-.10	17	36
91-64-5073	2800515	585350	2-69	2	302	12,580	5.50	692	45	10,185	5.15	525	10-72	40	380	.18	36	46
91-64-5073	2853706	585350	4-70	1	305	12,850	4.78	614	46	10,080	5.16	520	9-72	35	346	.09	26	36
91-64-5073	2853724	602658	11-70	1	305	13,560	4.39	595	22	10,860	4.93	535	1-73	35	705	-.22	13	40
91-66-0102	2392257	586886	4-60	8	303	12,061	5.10	615	6	9,759	4.80	468	4-72	36	405	.04	24	37
91-68-0011	2584521	577237	10-64	6	303	13,348	5.28	705	12	11,038	5.22	576	4-72	44	439	.08	30	43
91-68-0011	2819156	585350	10-69	1	305	13,050	5.23	683	36	10,730	4.90	526	7-72	35	322	.16	31	39
91-68-0124	2517315	556095	11-62	2	277	12,430	5.12	637	26	9,245	4.76	440	12-72	40	476	.00	24	39
91-68-5115	2604296	597314	10-64	5	305	14,736	4.92	725	10	11,000	5.16	568	4-72	36	594	-.05	24	44
91-70-0042	2448259	586898	11-61	5	303	16,438	4.84	796	34	11,098	4.95	549	2-73	36	862	-.01	42	70
91-70-0042	2621856	556095	4-65	4	305	13,303	5.04	671	36	10,918	5.05	551	10-72	43	481	-.02	22	38
91-70-0042	2674772	556095	2-66	4	305	13,928	4.67	650	34	11,163	5.00	558	7-72	43	535	-.08	19	38
91-70-0042	2746355	587666	7-67	3	305	14,623	4.72	690	22	10,763	4.98	536	9-72	41	498	-.06	19	36
91-70-0042	2766750	598368	4-68	3	305	16,287	4.27	695	37	10,637	4.91	522	2-73	41	628	-.14	17	40
91-72-0010	2740844	607530	9-66	5	304	14,310	4.52	647	29	10,544	4.89	516	1-73	35	678	-.12	22	46
91-72-5010	2669211	584664	9-65	5	303	13,512	5.13	693	45	10,860	4.82	523	5-72	44	414	.06	26	39
91-72-5010	2701991	607530	7-66	5	304	12,752	5.06	645	42	10,460	4.99	522	10-72	35	451	-.01	21	36
91-72-5010	2852022	604743	7-70	1	305	13,920	4.69	653	52	8,620	4.79	413	7-72	34	477	.08	31	45
91-72-5010	2882183	585350	2-71	1	305	12,480	5.21	650	22	10,170	4.92	500	12-72	35	313	.15	30	38
91-74-0070	2685546	601624	12-66	5	305	14,304	4.72	675	12	11,012	4.92	542	4-72	35	584	-.03	26	46
91-74-0078	2402042	544287	6-60	8	305	11,731	5.91	693	15	9,589	5.71	548	10-72	44	380	.08	27	38
91-74-0078	2508479	556095	11-59	4	305	18,558	5.77	1070	17	10,468	5.72	599	8-72	43	1,180	.08	67	104
91-74-0078	2664720	597956	8-65	6	305	12,597	5.80	731	12	10,388	5.59	581	2-73	35	431	.09	30	43
91-74-0078	2732122	597956	9-67	4	304	13,203	5.67	749	16	9,825	5.88	578	12-72	33	570	.05	33	51
91-74-0146	2601059	556095	7-65	5	299	15,288	4.23	647	30	10,512	5.02	528	3-72	44	796	-.17	22	51
91-74-0146	2629047	595574	10-65	6	305	14,322	4.72	676	16	10,767	5.08	547	3-73	35	572	-.07	21	41
91-74-0146	2637715	571291	10-63	5	297	13,840	4.69	649	14	11,586	5.00	579	4-72	44	448	-.01	21	36
91-74-0146	2668305	567370	10-63	5	304	16,594	4.67	775	12	10,806	5.09	550	4-72	44	945	-.09	38	70
91-74-0146	2746507	555540	12-67	3	305	16,327	4.62	754	18	11,260	5.09	573	12-72	33	719	-.09	27	52
91-74-0146	2828433	593816	3-70	1	283	14,900	4.84	721	33	11,350	4.94	561	4-72 H	35	475	-.03	21	37
91-74-0146	2843586	585350	1-69	2	301	12,810	5.34	684	36	10,710	5.18	555	12-72	40	361	.15	32	42
91-74-0146	2847377	602658	9-70	1	305	12,000	5.13	616	36	10,270	5.30	544	12-72	35	622	-.17	14	37
91-74-0149	2564985	556095	5-64	5	305	14,900	5.03	750	38	10,394	5.17	537	11-72	44	758	-.02	35	60
91-74-0149	2634700	584664	11-65	4	305	12,962	5.60	726	47	10,905	5.03	549	11-72	43	324	.11	27	36
91-74-0149	2634704	556095	2-66	4	305	12,753	5.12	653	43	10,568	5.11	540	11-72	43	448	-.01	21	36
91-74-0149	2678515	584664	8-66	5	302	12,742	5.56	708	48	10,640	5.08	540	9-72	44	337	.10	26	36
91-74-0149	2678518	556095	9-66	4	305	13,330	5.41	721	29	10,853	5.07	550	1-72	43	491	.04	28	43
91-74-0149	2714700	556095	4-67	4	305	12,583	5.61	706	40	10,973	5.07	556	12-72	43	386	.07	26	38
91-74-0149	2768280	582400	7-68	3	305	13,047	5.61	732	39	10,657	5.07	540	11-72	41	595	.04	33	52
91-74-0149	2783296	582400	10-68	2	298	13,565	4.67	634	42	10,535	4.97	524	5-72	39	634	-.09	22	44
91-74-0149	2796262	582400	1-69	2	305	11,910	5.15	613	42	10,375	5.03	522	11-72	39	476	-.04	20	36
91-74-0190	2623839	556095	5-64	5	303	13,218	4.71	622	9	9,992	5.01	501	12-72	44	580	-.07	22	42
91-74-0190	2829448	605836	3-70	1	305	13,280	4.96	659	16	10,590	4.77	505	1-72	26	614	-.04	26	47
91-74-5003	2387417	549126	8-60	9	303	12,726	4.84	616	22	9,692	5.05	489	7-72	43	475	.01	24	39
91-74-5003	2442025	549126	5-61	9	303	13,091	4.90	641	18	10,091	5.07	512	9-72	43	481	.01	25	41
91-74-5003	2481708	571291	7-62	8	305	13,441	4.79	644	20	10,259	5.08	521	6-72	44	534	.00	26	44
92-03-0097	2661492	556095	9-65	6	305	14,055	4.80	675	13	11,138	4.78	532	3-73	44	570	-.03	25	44
92-03-0139	2867571	585350	1-71	1	305	13,080	3.82	500	9	8,930	4.83	431	12-72	35	433	.02	23	37
92-03-5097	2645450	595483	11-65	5	305	12,796	5.21	667	23	10,550	4.83	510	9-72	38	474	.04	27	42
92-04-0050	2444004	582552	8-61	3	305	12,843	5.18	665	17	11,257	5.24	590	3-72	32	408	.03	23	36
92-04-0056	2794878	609539	3-69	2	304	15,460	4.04	624	30	9,390	4.78	449	4-73	29	793	-.18	21	50
92-04-0056	2825734	585350	3-70	1	305	13,930	5.06	705	13	10,780	4.68	504	4-72	35	386	.15	34	44
92-06-0002	2729019	601289	2-67	2	193	11,735	5.10	599	44	9,385	5.06	475	4-72	32	411	.04	24	37
92-06-0002	2758122	601289	12-67	2	305	11,865	5.07	602	66	9,665	5.07	490	6-72	32	401	.03	23	36

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
92-06-0050	2711246	603044	11-66	5	305	13,184	5.29	698	18	11,034	5.15	568	4-73	36	415	.04	24	$ 37
92-06-0059	2524179	558172	4-62	7	296	11,781	5.50	648	37	10,006	5.33	533	8-72	44	415	.03	23	36
92-06-0059	2685525	601366	2-66	6	298	12,940	5.59	723	40	10,428	5.31	554	3-73	36	428	.09	30	43
92-06-0059	2766887	595253	3-67	3	305	13,037	5.17	674	31	9,913	5.35	530	6-72	34	440	-.01	21	36
92-06-0059	2828517	608220	2-70	1	305	13,690	5.80	794	41	10,140	5.11	518	2-73	19	353	.11	28	38
92-06-5060	2730943	607395	9-67	3	305	13,880	4.94	685	9	9,670	4.99	483	5-72	29	609	.00	30	50
92-06-5060	2750764	607395	2-68	3	300	13,803	5.02	693	8	9,800	4.95	485	3-72	29	584	.02	31	50
92-08-0006	2717904	602218	0-66	3	303	15,460	4.45	688	34	10,833	5.12	555	2-73	33	586	-.11	18	39
92-08-0006	2802607	604694	3-69	3	305	13,823	4.38	605	39	11,036	5.07	559	2-73	41	614	-.10	20	42
92-08-0006	2802609	604694	3-69	3	301	13,260	5.08	673	49	11,230	5.08	571	3-73	41	530	.01	27	44
92-08-0006	2832751	604694	3-69	3	305	13,220	4.64	613	55	11,300	5.06	572	4-73	41	519	-.06	20	38
92-08-5006	2389987	519828	10-60	9	302	12,178	5.11	622	32	9,891	5.06	500	1-73	40	450	.00	22	37
92-08-5006	2723813	604853	3-67	3	305	12,816	4.80	615	36	10,983	5.10	560	7-72	33	526	-.08	18	36
92-08-5006	2725601	604853	5-67	4	299	13,832	4.16	576	43	10,770	5.06	545	8-72	35	713	-.21	14	41
92-08-5006	2732053	603821	4-67	5	298	14,388	4.95	712	41	10,826	5.05	547	2-73	32	612	-.01	29	49
92-08-5006	2732054	604853	4-67	4	303	13,625	4.40	599	64	11,150	5.09	568	6-72	35	640	-.17	15	39
92-08-5006	2802621	604694	5-69	2	305	12,190	5.38	656	31	10,920	5.13	560	9-72	39	423	.04	25	38
92-09-0059	2723462	556095	7-67	3	305	14,010	4.30	602	7	9,390	5.20	488	10-72	42	688	-.15	19	44
92-10-0003	2639952	601790	2-65	5	301	12,994	5.49	714	13	11,196	5.06	566	3-72	36	343	.15	32	41
92-10-0003	2793999	608220	3-69	2	305	15,380	5.20	800	21	9,875	5.38	531	11-72	25	710	.01	36	59
92-14-5020	2724695	599887	4-67	4	289	13,033	4.67	609	52	10,888	4.79	522	5-72	35	417	.02	23	36
92-14-5020	2730941	599887	4-67	3	305	12,937	4.58	593	44	10,407	4.73	492	7-72	34	434	.02	23	37
92-14-5020	2733186	599887	3-66	5	301	12,918	4.99	645	41	11,088	4.88	541	4-72	36	389	.07	26	38
92-16-0022	2342980	577237	8-59	9	276	13,122	5.09	668	6	11,297	5.10	576	8-72 B	44	383	.06	25	37
92-16-0022	2458970	582400	2-62	6	253	12,643	5.27	666	7	10,913	5.27	575	9-72 B	43	543	-.04	23	41
92-16-0124	2437376	577237	1-61	8	299	15,756	5.23	824	19	10,991	5.48	602	9-72	44	758	.04	42	66
92-16-0124	2523327	567370	1-63	7	305	13,201	5.13	677	20	10,959	5.50	603	2-73	44	492	-.04	20	37
92-16-0124	2803159	594664	1-69	3	305	12,740	4.87	621	11	8,937	5.25	469	4-73	41	589	-.13	16	37
92-18-0047	2691146	558172	7-64	6	305	13,410	4.77	639	16	10,783	5.01	540	7-72	44	547	-.06	21	40
92-18-0047	2691157	558172	1-63	6	305	14,698	4.51	663	16	9,937	4.89	486	2-73	44	803	-.10	30	58
92-18-0094	2852031	604743	9-67	3	305	14,563	5.26	766	15	11,750	5.34	628	2-73	41	463	.09	32	46
92-18-0098	2844477	593816	1-70	2	305	13,825	5.03	695	11	10,545	4.88	515	3-73	40	526	.00	26	43
92-18-0098	2891281	593816	2-71	1	305	15,300	4.82	738	14	10,940	4.93	539	2-73	35	530	-.03	23	41
92-18-5094	2486098	558172	10-61	6	305	13,333	5.21	695	21	11,292	5.27	595	4-72	44	483	-.02	22	38
92-18-5094	2549541	577237	12-63	5	304	13,446	5.41	728	19	10,950	5.39	590	8-72	44	461	.08	31	45
92-18-5094	2811519	604743	7-69	2	232	13,365	5.29	707	12	10,985	5.41	594	2-73 B	38	358	.09	26	36
92-18-5094	2851281	577237	8-63	2	305	14,035	5.26	738	27	11,515	5.39	621	4-72	40	402	.06	26	38
92-20-0012	2608497	574138	3-64	5	304	12,296	5.60	689	56	10,228	5.12	524	2-72	36	371	.12	30	40
92-20-0012	2608498	574138	7-64	4	302	13,177	5.62	741	32	10,070	5.02	506	7-72	35	501	.14	39	53
92-20-0012	2611901	556095	1-65	5	304	14,008	4.70	658	74	10,230	5.15	527	2-73	44	659	-.09	24	47
92-20-0012	2611904	556095	3-65	4	305	13,505	4.48	605	60	10,183	5.18	527	4-72	43	580	-.13	16	37
92-20-0012	2611915	596536	9-65	4	305	13,443	4.61	620	56	9,983	5.10	509	1-73	33	595	-.08	21	42
92-20-0012	2740010	574138	11-66	3	305	15,366	5.12	787	56	10,973	5.06	555	3-73	34	666	.05	38	59
92-20-0012	2740043	603200	1-67	4	305	12,855	5.63	724	62	10,960	5.05	554	3-73	35	325	.14	30	38
92-20-0012	2740047	603200	2-67	3	305	13,780	5.14	708	73	10,446	5.18	541	4-72	33	483	.04	28	43
92-20-0012	2788018	574138	5-68	3	305	12,763	4.91	627	38	10,010	5.09	510	8-72	34	424	.01	22	36
92-20-0012	2788019	574138	6-68	3	305	13,240	4.92	652	68	10,610	5.07	538	1-73	34	424	.01	22	36
92-20-0012	2788021	574138	6-68	2	305	13,415	5.31	712	62	10,410	5.12	533	9-72	31	422	.06	27	40
92-20-0012	2788022	574138	6-68	3	303	13,520	5.24	708	55	10,853	5.04	547	3-73	34	435	.07	28	41
92-20-0012	2788039	601111	10-67	3	304	15,397	4.43	682	48	10,190	5.16	526	6-72	33	730	-.13	23	49
92-20-0012	2788044	601111	1-69	2	305	14,005	5.59	783	50	10,755	5.24	564	5-72	30	430	.08	29	42
92-20-0012	2806421	604743	6-69	2	305	12,955	5.19	673	75	10,600	5.09	540	2-73	38	347	.10	27	37
92-20-0012	2806424	603200	4-69	2	305	12,795	5.91	756	73	10,335	5.06	523	12-72	30	323	.18	33	41
92-20-0041	2532656	560800	8-63	7	305	17,384	4.33	752	67	11,621	5.26	611	6-72	44	1,002	-.19	30	66
92-20-0041	2570331	582400	8-64	6	305	14,240	4.80	684	74	11,895	5.25	625	4-72	43	650	-.12	20	43
92-20-0041	2688653	582400	6-66	4	303	14,183	4.38	621	54	11,075	5.21	577	5-72	42	714	-.18	17	43
92-20-0041	2728695	582400	10-67	4	305	15,268	5.00	764	69	12,028	5.14	618	3-73	42	755	-.06	31	57
92-20-0041	2753022	581607	1-68	4	304	15,895	4.67	743	78	12,343	5.13	633	2-73	42	643	-.13	19	42
92-20-0041	2771250	582400	10-68	2	305	14,575	5.03	733	87	12,965	5.14	667	4-72	39	538	-.07	20	39
92-20-0041	2787249	601818	2-69	2	305	16,320	5.59	912	72	12,815	5.17	663	5-72	37	371	.11	29	39
92-20-0041	2787250	604743	3-69	2	303	14,585	5.30	773	82	12,855	5.12	658	5-72	38	329	.12	28	37
92-20-0041	2800767	604743	5-69	2	301	16,160	5.49	887	66	13,050	5.15	672	4-72	38	478	.16	39	52
92-20-0041	2810272	604743	10-69	2	304	15,500	4.63	717	73	12,190	5.12	624	1-73	38	481	.01	25	41
92-20-0126	2685401	601111	9-66	3	298	13,023	5.28	688	41	9,870	5.22	515	11-72	33	446	.03	25	39
92-20-0126	2722690	591673	12-66	3	305	14,487	4.78	692	18	10,773	5.34	575	6-72	34	595	-.06	23	43
92-20-0126	2728166	591673	5-67	3	305	13,297	5.08	675	17	10,687	5.20	556	3-72	34	448	.01	23	38
92-20-5041	2452874	577237	11-61	8	301	13,016	5.82	758	74	11,431	5.23	598	9-72	44	355	.17	34	43
92-20-5041	2728678	582400	8-67	3	305	16,260	4.54	738	52	11,783	5.22	615	11-72	41	866	-.16	27	58
92-20-5041	2728694	582400	10-67	4	305	14,948	5.27	788	70	12,175	5.15	627	12-72	42	700	-.02	33	56
92-20-5041	2763511	604743	4-68	3	305	16,537	4.83	799	70	12,540	4.99	626	11-72	41	622	.05	36	55
92-20-5041	2771244	598368	10-68	3	305	18,293	4.85	887	69	12,567	5.02	631	12-72	41	683	-.04	30	53
92-20-5041	2775072	582400	10-68	3	305	14,970	4.42	662	68	12,403	5.07	629	12-72	41	657	-.15	17	41
92-20-5041	2777208	582400	11-68	3	304	16,217	4.77	774	67	12,443	5.06	629	11-72	41	799	-.09	30	58
92-20-5041	2841824	583958	8-70	1	305	14,810	5.12	758	42	12,070	5.28	637	8-72	36	500	-.05	20	37
92-20-5041	2851483	583958	11-70	1	305	15,760	4.53	714	61	12,520	5.13	642	11-72	36	544	-.10	17	36
92-22-0055	2479466	560800	4-62	6	305	13,360	4.97	664	12	10,515	5.29	556	3-73	44	592	-.05	24	44
92-22-5055	2490418	556095	3-62	6	299	13,572	4.38	595	32	10,248	5.19	532	7-72	44	600	-.15	15	37
92-22-5055	2847315	610908	8-69	2	305	13,730	5.37	737	5	10,865	5.32	578	8-72	30	405	.04	24	37
92-22-5058	2877968	583958	4-70	1	305	14,770	5.30	783	9	11,110	5.28	587	6-72	36	554	-.02	25	43
92-23-0049	2611011	582400	2-60	7	300	13,606	5.24	713	12	11,019	5.05	557	1-73	43	659	-.02	31	53
92-23-0049	2723874	576127	3-67	4	305	12,340	5.36	661	8	10,535	5.14	541	4-73	42	348	.09	26	36
92-23-0150	2753320	542059	1-68	4	305	15,873	4.50	715	33	12,010	4.91	590	3-73	42	657	-.14	18	42
92-23-0150	2769654	600133	9-68	3	305	14,657	5.09	746	34	12,377	4.81	595	3-73	29	411	.06	26	39
92-23-0150	2783137	577237	1-69	3	305	15,650	4.19	656	33	12,393	4.86	602	2-73	42	548	-.07	20	39
92-23-0157	2798543	593883	7-69	2	305	10,830	5.49	595	27	9,160	5.07	464	10-72	38	417	.13	33	45

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
92-23-0157	2030374	593803	7-70	1	305	11,530	5.00	577	30	9,450	5.07	479	9-72	34	425	.08	29	$ 42
92-23-0157	2041021	593803	10-70	1	305	11,390	4.64	529	11	9,570	5.19	497	3-73	34	407	.04	24	37
92-23-0185	2426751	568015	2-68	3	302	12,620	4.64	586	6	8,733	4.87	425	5-72	31	492	-.02	22	38
92-23-5002	2623193	592609	12-64	7	298	13,451	5.17	695	21	10,579	5.20	550	2-73	35	672	-.03	30	52
92-23-5002	2623206	592609	9-65	6	304	12,957	4.57	592	20	10,679	5.14	549	6-72	35	585	-.14	15	36
92-23-5002	2658060	592609	2-66	4	305	14,028	5.33	748	10	10,613	5.05	536	7-72	34	735	.03	39	63
92-23-5002	2658063	592609	4-66	5	298	12,330	5.15	635	17	10,538	5.13	541	6-72	35	507	-.03	22	39
92-23-5150	2522961	577237	1-63	3	304	15,527	4.33	672	39	11,710	4.85	568	3-72	42	597	-.05	25	45
92-23-5150	2560639	577237	9-64	5	289	13,072	5.67	787	25	11,102	5.03	558	6-72	44	801	.17	42	56
92-23-5150	2601722	577237	3-65	5	303	16,512	4.13	682	18	10,670	5.09	543	7-72	44	891	-.14	30	61
92-23-5150	2658149	577237	4-66	5	292	13,692	4.81	658	29	10,428	5.10	532	10-72	44	548	.01	28	46
92-23-5150	2658150	577237	4-66	5	303	12,006	5.54	710	20	10,592	5.10	540	7-72	44	415	.14	34	48
92-23-5150	2706420	542059	1-67	3	300	17,307	4.47	774	38	11,780	4.90	577	5-72	41	809	-.16	24	53
92-23-5150	2706424	577237	2-67	3	305	13,537	5.67	768	25	11,807	4.90	578	5-72	42	356	.18	35	44
92-23-5150	2814407	610342	9-69	2	305	15,210	4.75	722	42	11,105	4.86	540	10-72	29	600	-.04	26	46
92-23-5150	2833632	609422	5-70	1	305	15,600	4.39	685	41	12,790	4.68	599	2-72	26	562	-.09	19	39
92-23-5150	2837057	497574	5-70	1	305	15,490	5.26	818	37	12,450	4.75	591	5-72	35	604	.04	34	59
92-27-0100	2596892	574039	7-63	4	301	12,878	5.25	676	17	9,993	5.24	524	8-72	35	445	.05	27	41
92-28-0077	2752472	591131	2-66	6	305	15,195	5.50	835	14	12,408	5.11	634	3-73	43	507	.13	38	59
92-28-0080	2268262	568015	12-57	2	294	13,015	5.18	674	13	8,450	4.95	418	9-71	28	507	.06	31	47
92-28-0180	2764463	560800	8-68	4	300	13,128	5.84	766	35	11,925	5.34	637	4-73	43	407	.08	28	40
92-28-0180	2857453	585350	2-71	1	305	15,690	4.93	774	27	11,320	5.28	598	3-73	35	486	.10	34	48
92-28-5077	2600498	556095	7-66	5	305	14,214	5.34	759	17	11,386	5.30	603	11-72	44	568	.01	29	47
92-28-5077	2831004	582400	11-69	2	305	15,890	4.66	740	21	12,040	5.57	671	10-72	39	750	-.16	21	48
92-28-5077	2874859	602658	8-70	1	305	16,100	4.30	692	20	12,130	5.51	668	10-72	35	822	-.28	12	43
93-10-0213	2597131	563813	1-65	4	291	13,215	5.65	746	16	9,857	5.15	508	3-72	44	483	.13	37	51
93-10-0213	2879572	563805	11-70	1	305	13,480	4.54	612	14	10,100	5.06	511	11-72	34	529	-.03	23	41
93-11-0067	2754673	604143	1-68	2	305	15,925	4.24	676	33	10,110	5.00	505	4-72	31	681	-.14	20	44
93-12-0002	2551439	593783	2-64	7	308	12,918	5.33	688	15	10,258	5.31	545	4-73	36	440	.04	26	40
93-12-0002	2586666	593783	7-64	5	305	12,072	5.59	720	17	10,418	5.24	546	2-73	36	414	.11	31	43
93-12-0002	2590402	563805	3-65	5	298	13,178	4.63	610	34	10,376	5.10	529	10-72	43	623	-.06	25	46
93-12-0002	2631956	593703	1-66	5	297	13,508	5.01	681	20	10,536	5.16	544	5-72	36	507	.00	25	42
93-12-0002	2702829	593703	7-66	4	305	13,032	4.94	683	17	10,797	5.10	551	11-72	35	493	.00	24	40
93-12-0002	2702835	593783	10-66	4	305	12,737	5.30	675	18	10,365	5.12	531	11-72	35	386	.06	25	37
93-12-0002	2712139	602831	11-66	4	305	14,763	5.12	756	24	10,663	5.29	564	4-73	30	663	.00	33	55
93-12-0002	2846657	609146	9-69	2	305	13,275	5.15	684	21	10,310	5.00	516	11-72	25	400	.03	23	36
93-12-0011	2723812	604853	3-67	4	304	18,467	4.69	866	26	12,675	5.10	647	8-72	35	1,160	-.13	44	84
93-12-0011	2723815	604853	3-67	4	302	14,715	5.04	742	32	12,860	5.05	650	5-72	35	600	-.04	26	46
93-12-0011	2836309	605203	5-70	2	305	15,050	4.73	712	19	12,780	5.05	645	3-73	35	491	-.03	21	38
93-12-0031	2496911	590930	12-62	5	300	14,014	5.19	726	41	11,028	5.20	573	5-72	35	471	.05	28	43
93-12-0031	2563340	592732	7-64	5	303	12,010	5.54	710	43	11,062	5.27	583	10-72	35	364	.10	28	36
93-12-0031	2694915	600758	9-66	3	302	14,357	4.98	715	41	11,603	5.29	614	10-72	32	498	-.04	21	38
93-12-0031	2717603	603201	2-67	5	301	14,748	5.35	789	39	11,598	5.32	617	2-73	35	585	.05	34	52
93-12-0031	2729996	600758	10-67	3	305	13,243	5.54	734	36	11,150	5.26	587	7-72	32	392	.07	26	38
93-12-0031	2768774	603201	6-68	3	305	14,710	4.81	707	34	11,770	5.26	619	11-72	32	507	-.06	19	37
93-12-0031	2812110	603201	11-69	2	295	15,985	4.83	772	32	12,600	5.21	656	11-72	29	530	-.04	22	40
93-12-0031	2833563	603201	3-70	2	302	15,210	5.44	828	32	12,370	5.31	657	2-73	29	458	.05	28	42
93-12-0031	2846451	585350	11-70	1	305	14,240	5.53	787	56	11,580	5.28	611	10-72	35	361	.17	34	43
93-12-0094	2511585	560558	8-62	4	305	13,655	5.34	729	15	10,328	5.20	537	3-73	39	668	.01	34	56
93-12-0094	2546734	560558	8-63	5	302	12,888	4.58	590	24	10,174	5.06	515	10-72	40	596	-.12	18	39
93-12-0118	2559889	541866	2-64	4	305	15,820	5.03	795	35	11,943	5.38	643	3-72	43	561	-.01	27	45
93-12-0118	2786706	585350	2-69	2	293	13,645	5.53	755	33	12,295	5.33	655	1-72	40	317	.16	31	39
93-12-0118	2820298	585350	11-69	2	305	13,560	5.77	783	18	11,885	5.46	649	11-72	40	341	.19	35	43
93-12-0118	2853376	602658	11-70	1	305	12,970	5.25	681	17	11,310	5.46	618	1-73	35	633	-.16	15	38
93-12-0146	2765200	605203	3-68	3	297	15,163	4.87	738	9	11,156	5.04	562	7-72	37	704	-.02	33	56
93-12-7072	2606418	598355	3-65	3	294	14,493	4.69	679	22	10,830	5.14	557	2-73	29	564	-.08	20	40
93-12-9010	2594915	563805	11-64	6	305	20,642	4.24	876	26	12,057	5.22	629	4-72	43	1,437	-.20	50	100
93-12-9010	2594918	563805	3-65	7	296	14,067	4.59	645	29	12,116	5.22	633	2-73	43	556	-.09	19	39
93-12-9010	2594919	563805	3-65	7	298	15,467	5.05	781	29	12,076	5.23	632	4-73	43	747	.00	37	61
93-12-9010	2594921	563805	3-65	3	305	16,083	4.92	791	5	11,813	5.16	610	12-72	41	796	-.01	38	64
93-12-9010	2619792	563805	11-65	4	303	15,453	4.99	771	25	12,368	5.21	644	4-72	42	695	.00	34	57
93-12-9010	2768175	605283	3-68	4	302	14,712	5.21	766	27	12,727	5.08	646	3-73	39	509	.05	30	46
93-12-9010	2768177	605283	4-68	1	305	17,800	4.98	887	29	13,260	5.02	666	3-72	30	614	.01	31	51
93-12-9010	2859501	563805	1-70	1	305	10,570	3.81	708	25	12,770	5.22	667	3-73	34	756	-.16	21	48
93-12-9010	2881789	605283	3-70	2	305	15,255	5.03	767	24	13,140	5.03	661	3-73	35	482	.01	25	41
93-12-9061	2288966	548910	3-58	7	305	16,349	5.81	950	26	11,461	5.64	646	1-73	32	842	.12	54	80
93-12-9061	2527225	592584	3-63	8	302	14,610	5.32	777	22	11,850	5.59	662	6-72	40	569	.02	30	48
93-12-9061	2764927	592584	6-68	4	303	13,197	5.55	732	22	11,575	5.40	625	3-73	39	391	.09	28	39
93-12-9061	2764931	600698	3-68	4	305	13,772	5.38	741	37	11,577	5.42	627	3-73	35	489	.04	28	43
93-12-9061	2799980	592584	3-69	3	300	15,166	4.73	718	23	11,426	5.40	617	3-73	37	639	-.06	26	48
93-12-9061	2799981	592584	3-69	3	301	12,863	5.75	739	22	11,456	5.38	616	3-73	37	347	.12	29	38
93-12-9061	2799986	592584	3-69	3	300	13,780	5.44	750	23	11,426	5.40	617	3-73	37	465	.07	30	44
93-12-9061	2799993	592584	4-69	3	297	13,903	5.27	733	22	11,456	5.38	616	3-73	37	477	.04	28	43
93-12-9075	2753069	603303	2-68	4	304	12,975	5.84	758	20	10,817	5.33	577	3-73	34	350	.15	32	41
93-24-0084	2856364	602658	10-70	1	305	12,860	4.34	558	41	9,230	5.02	463	11-72	35	752	-.22	15	43
93-24-0094	2720587	599823	2-67	4	296	13,130	4.54	596	25	9,585	5.04	483	5-72	35	644	-.09	23	45
93-24-0094	2720598	599823	2-67	2	305	13,615	4.25	579	25	9,480	5.08	482	5-72	30	632	-.13	18	41
93-24-0534	2498541	571939	9-62	5	305	12,912	4.74	612	18	9,940	4.99	496	11-72	36	509	-.03	22	39
93-24-0534	2538090	575184	8-63	5	305	13,038	5.00	652	19	9,930	4.89	486	8-72	44	447	-.01	21	36
93-24-0534	2666257	599823	3-66	5	293	14,178	4.06	576	16	9,666	4.91	475	6-72	36	810	-.19	21	51
93-24-0534	2087789	560558	4-70	2	304	12,810	4.28	548	21	9,740	4.73	461	3-73	35	557	-.12	16	36
93-24-0555	2477731	583235	12-61	8	305	14,101	5.04	710	30	11,516	4.90	564	10-72	34	425	.02	23	37
93-24-0555	2498564	575184	11-62	4	305	14,847	4.80	712	26	10,532	4.95	521	5-72	44	593	-.05	24	44
93-24-0555	2632615	593883	4-65	1	305	15,090	5.02	757	37	11,860	4.95	587	1-73	34	551	.09	36	53
93-24-0555	2654602	557569	3-63	2	305	16,145	4.58	740	32	11,920	4.99	595	11-72	36	849	-.12	30	60

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD C MO-YR D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
93-24-0555	2654609	600841	1-66	5	305	12,784	5.41	692	29	11,176	4.89	546	5-72	35	363	.09	27	$ 37
93-24-0555	2654612	600841	4-66	4	305	14,023	4.94	693	31	11,385	4.93	561	12-72	34	507	.00	25	42
93-24-0555	2731947	606741	11-66	4	305	13,772	4.59	632	29	11,335	4.98	564	7-72	37	547	-.11	16	36
93-24-0555	2748125	606741	1-67	4	305	13,987	4.83	675	23	11,602	5.02	582	11-72	37	547	-.07	20	39
93-24-0555	2751718	600841	3-68	3	303	15,530	4.27	663	30	11,323	4.85	549	2-72	32	689	-.13	21	46
93-24-0555	2826420	557569	9-69	2	305	12,905	5.18	668	32	11,430	5.04	576	10-72	36	543	-.03	24	42
93-24-0555	2859964	605836	12-70	1	305	15,960	4.54	724	40	12,020	5.02	603	11-72	26	747	-.12	25	51
93-34-0268	2801006	592584	5-69	2	300	12,375	5.60	693	16	10,860	5.11	555	4-72	35	324	.11	27	36
93-34-9154	2676873	567370	3-64	5	305	12,094	4.47	541	44	9,182	5.04	463	11-72	44	533	-.09	17	36
93-34-9154	2862604	600816	11-70	1	303	13,810	4.55	629	46	9,600	4.84	465	12-72	31	503	-.06	19	36
93-39-0028	2692487	605782	8-65	4	305	12,042	5.51	663	23	9,982	5.43	542	7-72	34	371	.07	25	36
93-39-0028	2725796	584664	2-67	3	305	13,630	5.19	707	25	10,273	5.50	565	4-72	42	442	-.01	21	36
93-39-0028	2835446	593883	10-69	1	305	16,040	6.10	979	22	11,270	5.63	635	3-72	34	660	.17	50	69
93-39-0028	2871434	593883	1-69	2	305	16,870	5.58	942	23	10,425	5.55	579	10-72	38	942	.13	60	89
93-39-0028	2871435	593883	1-69	2	305	14,145	5.84	826	22	10,555	5.54	585	11-72	38	647	.15	47	66
93-39-0028	2871455	604694	7-70	1	305	14,300	5.21	745	18	11,160	5.38	600	3-73	35	544	-.01	26	44
93-39-0141	2827835	602658	1-70	2	305	14,715	4.24	624	8	11,985	4.96	594	2-73	39	783	-.25	13	43
93-39-0207	2770782	576127	11-67	3	305	13,160	5.17	680	34	11,217	4.87	546	6-72	41	363	.08	26	37
93-39-0207	2832554	593883	1-70	2	290	12,475	5.39	673	41	10,440	4.89	511	11-72	38	482	.13	37	51
93-39-0207	2834013	602658	9-70	1	305	12,460	4.62	576	42	9,800	4.99	489	10-72	35	686	-.20	14	40
93-39-0356	2555282	592087	1-64	5	297	13,026	4.70	612	10	10,154	4.96	504	10-72	35	491	-.05	19	36
93-39-0365	2616251	572206	4-64	4	305	12,552	5.87	737	8	9,442	4.97	469	2-73	40	591	.15	44	61
93-39-7358	2347549	571939	7-59	6	301	12,948	4.70	608	64	9,567	5.04	482	5-72	36	558	-.05	23	42
93-39-7358	2625779	582456	6-65	2	305	14,950	4.52	676	38	10,165	4.81	489	2-73	30	546	-.05	22	41
93-40-0050	2507376	557569	11-62	8	304	11,666	5.40	630	8	9,893	5.13	508	5-72	41	572	.00	28	47
93-40-0050	2856545	602658	1-71	1	305	16,900	3.98	672	11	12,100	4.92	595	1-73	35	885	-.28	15	49
93-40-0050	2856546	602658	2-71	1	305	13,460	4.55	613	5	11,590	4.91	569	4-73	35	653	-.20	12	37
93-49-0335	2607427	564125	7-65	5	305	13,334	4.93	657	17	8,892	5.17	460	9-72	44	615	-.02	28	48
93-49-0335	2655006	557569	10-65	5	292	10,566	5.56	587	18	9,194	5.12	471	9-72	41	498	.01	26	42
93-50-0207	2861021	605613	11-70	1	305	16,400	5.39	884	69	13,050	5.22	681	1-73	19	389	.05	24	36
93-50-0264	2512880	592471	11-62	5	300	15,232	4.02	612	29	11,442	5.01	573	8-72	36	692	-.23	11	37
93-50-0264	2675415	597687	10-65	5	299	15,258	4.59	701	31	11,224	5.08	570	1-73	35	828	-.14	27	56
93-50-0625	2562737	560558	5-63	8	296	15,047	4.40	662	34	11,071	4.83	535	11-72	40	797	-.13	26	54
93-50-0625	2582980	571291	10-64	5	304	14,752	4.29	633	34	11,468	4.74	544	7-72	44	579	-.07	22	42
93-50-0625	2586520	557569	1-65	5	304	14,378	4.14	595	37	11,188	4.77	534	7-72	41	800	-.18	21	50
93-50-0625	2586522	557569	1-65	6	301	14,208	4.31	612	38	10,815	4.80	519	7-72	41	818	-.15	25	54
93-50-0625	2586523	557569	1-65	6	305	13,795	4.84	668	36	11,493	4.81	553	7-72	41	688	-.05	29	52
93-50-0625	2586524	557569	2-65	5	304	13,304	4.12	548	38	11,352	4.78	543	7-72	41	636	-.18	13	37
93-50-0625	2593718	557569	3-65	6	304	13,838	4.64	642	35	11,278	4.82	544	1-73	41	717	-.09	26	51
93-50-0625	2660865	602090	9-65	6	303	16,018	3.67	588	37	11,758	4.79	563	2-73	32	752	-.29	8	37
93-50-0625	2660867	602090	9-65	5	305	15,074	4.34	689	37	11,576	4.83	559	2-72	32	752	-.13	24	51
93-50-0625	2660880	557569	11-65	5	305	14,882	3.90	580	34	11,690	4.82	564	12-72	41	814	-.25	15	46
93-50-0625	2683878	557569	3-66	5	304	13,422	4.38	588	36	10,958	4.80	526	7-72	41	695	-.14	20	45
93-50-0625	2683884	557569	7-66	5	300	11,980	4.73	567	41	10,594	4.93	522	9-72	41	538	-.09	18	37
93-50-0625	2683890	557569	9-66	5	301	13,386	4.56	610	36	11,446	4.80	549	2-73	41	637	-.11	21	44
93-50-0625	2702504	602195	1-67	5	304	15,444	5.08	784	32	12,012	4.66	560	3-73	36	456	.13	35	48
93-50-0625	2836238	592584	3-70	1	305	17,150	4.86	834	47	11,300	4.78	540	2-72	30	646	.04	36	56
93-50-0625	2844144	602658	12-70	1	305	15,960	4.10	655	38	12,010	4.71	566	2-73	35	819	-.24	16	47
93-50-0758	2595232	557569	1-64	5	305	13,904	4.92	684	15	10,174	5.15	524	7-72	41	846	-.08	34	63
93-50-0758	2595239	557569	7-64	4	301	14,860	4.53	673	10	11,280	5.06	571	2-72	40	837	-.14	27	57
93-50-0758	2612674	557569	7-63	4	305	12,638	5.06	640	13	11,040	5.11	564	12-72	40	572	-.05	23	43
93-50-0758	2695313	576049	7-66	5	304	16,150	4.85	784	9	11,922	4.97	593	3-73	44	620	-.08	23	44
93-50-0758	2746183	557569	6-67	4	300	13,815	4.98	688	10	10,965	5.14	564	1-73	40	733	-.06	30	55
93-50-0758	2767120	557569	4-68	3	279	14,060	4.48	630	12	11,657	4.94	576	3-72	39	677	-.13	20	44
93-50-0758	2800877	557569	4-69	2	305	17,610	4.51	795	14	11,970	5.20	622	12-72	36	1,002	-.16	33	68
93-50-0758	2811363	557569	7-69	2	305	12,895	5.15	664	25	11,445	5.22	598	8-72	36	541	-.06	21	40
93-50-0758	2811364	557569	6-69	2	305	14,820	5.32	788	18	11,280	5.32	600	10-72	36	762	-.04	34	59
93-50-0758	2811365	557569	7-69	2	305	16,715	4.77	798	14	12,145	5.14	624	1-73	36	891	-.10	34	65
93-50-0823	2820878	595961	8-68	3	293	12,596	5.28	665	13	10,156	5.06	514	3-73	34	383	.10	29	40
93-50-9419	2288728	557569	7-58	6	302	13,303	4.78	636	37	10,228	5.01	512	10-72	41	759	-.08	29	55
93-50-9419	2406843	557569	8-60	9	304	11,980	5.15	617	38	10,263	5.08	521	5-72	41	574	-.03	25	44
93-50-9419	2471939	557569	8-61	9	305	13,397	4.58	614	31	10,359	5.05	523	2-73	41	757	-.13	24	51
93-50-9419	2503174	557569	7-62	7	305	16,454	4.38	720	31	10,710	5.04	540	3-73	41	1,136	-.18	37	77
93-50-9419	2517279	557569	4-63	7	305	14,544	4.82	701	41	10,481	5.03	527	3-72	41	900	-.08	36	67
93-50-9419	2528769	557569	9-63	7	305	13,904	4.45	619	30	10,836	4.95	536	3-73	41	774	-.14	24	52
93-50-9419	2530158	557569	8-61	9	304	12,480	4.96	619	28	10,438	5.07	529	12-72	41	623	-.07	24	45
93-50-9419	2595369	557569	4-65	6	304	12,413	5.12	636	37	11,138	4.93	549	7-72	41	538	-.02	25	43
93-50-9419	2621273	557569	5-65	6	305	13,688	5.06	692	32	11,472	4.88	560	3-73	41	675	-.02	31	53
93-50-9419	2691205	557569	9-66	4	305	13,128	5.06	664	41	11,608	4.98	578	5-72	40	577	-.04	25	44
93-50-9419	2724768	590317	9-67	4	305	14,568	5.13	747	27	11,108	4.96	551	12-72	41	527	.04	30	47
93-50-9419	2766760	557569	4-68	3	305	12,390	4.66	577	34	11,003	4.94	544	9-72	39	537	-.10	17	36
93-52-0095	2722086	595651	2-67	2	305	16,140	4.55	735	40	10,455	5.07	530	1-73	35	673	-.07	26	49
93-52-0095	2766370	598304	8-68	2	305	15,925	4.38	698	22	10,740	5.00	537	4-72	32	669	-.13	20	44
93-52-0095	2766373	598304	9-68	3	305	13,976	4.68	654	26	10,533	5.07	534	2-73	35	518	-.08	18	38
93-52-0095	2880879	602658	4-71	1	305	14,590	4.15	605	45	9,430	5.17	488	2-73	35	872	-.26	17	50
93-52-9002	2375355	557352	3-60	6	305	13,918	5.79	806	9	10,040	5.34	536	10-72	32	637	.13	45	64
93-52-9002	2466229	584073	7-61	7	305	14,040	4.95	695	8	10,134	5.44	551	3-73	36	772	-.09	29	56
93-52-9002	2474990	584073	2-62	6	301	13,192	4.59	605	9	9,942	5.36	533	9-72	36	670	-.15	18	42
93-52-9058	2516907	584073	1-63	7	305	12,436	5.30	659	26	9,684	5.28	511	1-73	36	589	-.01	28	47
93-52-9058	2566907	599144	6-64	7	305	12,467	5.05	630	24	9,761	5.31	518	3-73	35	435	.00	22	36
93-52-9058	2741675	572206	1-64	3	305	11,313	5.72	647	37	9,986	5.35	534	6-72	38	364	.07	25	36
93-54-0014	2379649	558462	1-60	2	305	13,265	5.42	719	90	9,545	4.92	470	8-72	29	417	.10	30	42
93-54-0014	2513362	586602	11-62	5	305	12,148	5.25	638	79	9,634	5.02	484	7-72	35	428	.03	24	38
93-54-0014	2589280	583519	11-64	5	305	14,784	4.44	657	72	9,692	5.08	492	7-72	36	809	-.14	26	55
93-54-0014	2634143	583519	8-65	4	305	13,448	4.87	655	64	9,708	5.12	497	1-73	35	585	-.05	24	44

TABLE 4. JERSEY USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C O	REPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
93-54-0014	2634583	586602	5-64	3	305	13,076	5.02	657	98	9,866	5.03	496	1-73		32	489	-.01	23	$ 39
93-54-0029	2659612	592563	2-66	3	305	13,260	4.48	590	170	9,073	4.99	453	8-72		32	590	-.08	21	42
93-54-0029	2714432	602821	12-66	4	305	12,915	4.82	622	177	9,433	4.95	467	2-72		33	448	.00	22	37

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
11-15-0012	433957	125640	2-62	8	303	14,274	4.56	651	15	11,614	4.02	467	6-72		44	616	.12	40	$ 59
11-15-0012	494812	126555	10-65	6	294	17,387	3.78	657	18	14,488	3.97	575	2-73		43	842	-.06	25	55
11-15-0012	516011	125640	6-67	3	302	15,037	4.02	605	19	11,750	4.10	482	4-72		42	670	.04	32	54
12-11-0140	494808	126555	11-65	6	284	18,440	3.26	601	16	14,078	3.79	534	1-73	B	43	1,024	-.14	21	59
12-11-0140	554677	146947	11-69	1	305	14,430	3.56	514	18	10,760	3.62	390	2-73	B	33	765	-.03	26	53
13-01-0168	532603	138750	9-68	3	281	16,973	4.02	683	21	13,967	4.05	566	7-72		42	643	-.05	19	42
13-01-0168	543794	125640	3-69	2	305	16,020	4.13	662	6	13,180	4.13	544	10-72		40	619	.05	31	51
13-04-0115	425953	127317	8-61	7	303	18,531	3.90	723	62	14,627	4.01	586	12-72		36	635	-.03	22	44
13-04-0115	473424	142382	9-64	7	300	17,547	4.05	710	69	14,749	4.03	594	2-73		35	604	.01	26	46
13-04-0115	475662	138750	8-64	7	298	20,226	3.35	678	47	15,291	3.98	609	3-73		44	965	-.17	15	52
13-04-0115	486054	139158	8-65	5	304	19,508	3.89	759	69	15,012	4.00	600	2-72		36	921	-.03	33	65
13-04-0115	488033	128860	10-65	5	303	17,662	4.11	726	66	15,194	3.98	604	2-72		37	528	.03	25	42
13-04-0115	491955	144186	11-65	5	257	18,396	3.90	717	62	14,974	3.97	594	5-72	B	36	649	-.01	24	47
13-04-0115	501932	144186	6-66	4	305	19,490	3.44	671	45	15,237	3.94	601	1-72		35	754	-.10	16	44
13-04-0115	501939	145170	7-66	4	305	20,028	4.10	822	57	15,363	3.92	602	12-72		35	926	.04	42	73
13-04-0115	505353	145170	10-66	5	303	21,266	3.68	783	59	15,646	3.94	617	12-72		36	1,105	-.07	35	74
13-04-0115	505358	145170	9-66	4	305	17,838	4.13	736	66	15,303	3.92	600	3-72		35	619	.04	30	50
13-04-0115	507121	144186	12-66	4	305	21,845	3.75	820	48	15,885	3.94	626	1-73		35	1,015	-.05	34	70
13-04-0115	514819	131528	4-67	4	301	21,610	3.80	821	51	15,975	3.92	627	2-73		43	845	-.01	32	61
13-04-0115	521848	140744	2-67	3	305	18,130	3.66	663	59	15,440	3.94	609	8-72		34	739	-.09	18	45
13-04-0115	524677	146947	2-68	3	205	17,253	3.82	659	63	15,720	3.92	617	7-72	B	40	714	-.03	25	50
13-04-0115	524684	144186	3-68	3	305	20,680	3.85	796	47	16,243	3.92	637	2-73		33	761	-.02	28	54
13-04-0115	525263	138750	1-68	4	303	21,345	3.72	793	56	16,068	3.95	635	3-73		43	998	-.10	26	62
13-04-0115	533561	144186	10-68	1	305	22,490	3.67	826	58	14,860	3.99	593	5-72		25	796	-.04	26	54
13-04-0115	554154	138750	9-69	2	305	19,795	4.15	821	49	16,505	3.96	653	12-72		40	685	-.02	24	48
13-04-0115	555530	139273	1-70	1	305	19,880	3.56	707	67	16,280	3.97	646	1-72		34	693	-.09	16	42
13-04-0115	555531	125640	1-70	2	303	20,855	4.14	863	61	16,555	3.93	650	1-73		40	836	.07	43	70
13-04-0115	555533	138750	1-70	1	305	21,160	3.74	791	62	16,030	3.99	639	1-72		35	728	-.09	17	44
13-04-0115	558508	138750	4-70	2	305	19,930	3.92	781	46	15,890	3.97	631	3-73		40	749	-.06	22	49
13-04-0115	561748	139273	12-70	1	298	20,460	3.79	776	42	16,490	3.91	645	11-72		34	724	-.06	21	47
13-04-0225	488090	125640	10-65	4	260	14,543	3.68	535	7	12,270	3.83	470	6-72		43	574	.02	25	44
13-04-0225	542781	125640	3-69	2	305	17,555	3.49	612	12	12,285	3.79	466	2-73		40	848	-.01	32	61
13-08-0053	429273	125640	10-61	8	305	15,909	3.85	612	16	14,016	3.98	558	4-72		44	579	.01	25	45
13-08-0053	444261	136910	12-62	6	303	17,663	3.90	689	14	14,123	4.02	568	7-72		38	612	-.01	23	44
13-08-0053	523640	125640	12-67	3	305	16,110	3.85	621	15	14,450	3.90	563	5-72		42	543	.03	26	44
13-08-0053	530696	136910	4-68	3	303	18,000	3.99	719	21	14,173	4.06	575	9-72		36	595	.01	25	45
13-08-0053	533879	125640	9-68	3	304	18,183	3.93	714	21	14,383	3.96	570	1-73		42	791	.03	36	62
16-06-0031	425497	125640	7-61	6	305	14,928	4.13	616	20	12,817	3.99	512	10-72		44	576	.06	31	49
16-06-0031	431115	125640	11-61	9	302	15,281	4.33	661	27	13,428	4.01	538	1-73		44	556	.09	34	51
16-06-0031	495095	125640	1-66	4	305	14,880	4.58	681	22	13,558	3.98	540	3-72		43	488	.13	36	50
16-06-0031	519952	125640	8-67	3	305	16,920	4.04	684	25	13,570	3.91	531	11-72		42	719	.05	36	59
16-06-0031	524855	125640	11-67	3	305	15,013	4.00	601	19	13,297	3.90	519	10-72		42	523	.05	28	45
16-06-0031	537941	125640	1-69	2	305	15,315	4.07	624	16	13,795	3.91	540	6-72		40	497	.06	28	44
16-06-0031	537942	125640	11-68	3	299	16,293	3.77	614	21	14,280	3.92	560	12-72		42	580	.01	25	45
16-06-0031	542585	138750	6-69	2	305	17,615	3.84	676	24	13,075	4.01	524	9-72		40	743	-.07	20	47
16-06-0031	548577	125640	7-69	2	299	18,055	3.94	711	9	15,080	3.85	581	4-73		40	671	.05	33	55
16-06-0031	548579	125640	8-69	2	299	15,550	3.99	621	23	14,185	3.90	553	12-72		40	489	.05	26	42
16-06-0031	559655	138750	6-70	1	305	20,660	3.35	692	22	14,520	3.97	577	1-73		35	781	-.13	14	43
16-06-0031	559656	125640	6-70	1	305	17,160	3.69	634	8	14,510	3.87	561	4-73		35	568	.03	26	45
16-06-0105	458885	120448	1-63	8	295	15,129	3.82	578	9	11,285	4.10	463	2-73		43	786	-.05	24	52
16-06-0154	512383	125640	12-66	4	304	14,680	4.25	624	8	12,758	4.01	512	4-72		43	543	.07	31	48
16-06-0154	527441	146947	10-67	4	296	15,147	4.30	652	6	12,667	4.09	518	11-72		41	765	.08	34	60
16-06-0236	383527	69864	11-58	10	305	21,006	3.98	835	15	15,504	4.16	645	1-72		37	869	-.01	35	63
16-06-0236	486357	143999	10-65	4	305	21,107	3.79	799	15	16,970	3.98	676	3-73		35	818	-.06	25	54
16-06-0236	495694	118619	12-65	5	305	19,742	3.98	785	24	16,562	4.14	686	11-72		44	863	-.04	29	59
16-06-0236	495695	125640	12-65	4	305	18,203	4.35	791	23	16,303	4.03	657	9-72		43	628	.10	38	57
16-06-0236	502445	123243	6-67	5	305	19,208	4.42	849	23	16,476	4.17	687	10-72		32	553	.07	32	49
16-06-0236	520810	143999	7-67	4	305	19,900	3.81	758	17	15,970	4.11	656	6-72		35	760	-.07	21	48
16-06-0236	520813	146947	9-67	3	305	18,523	4.15	769	23	16,780	4.05	679	6-72		40	765	.01	32	58
16-06-0236	521337	125640	7-67	4	305	25,133	4.38	1014	19	16,680	3.95	659	1-73		43	1,204	.12	65	103
16-06-0236	534868	125640	11-68	2	305	22,680	3.72	850	25	16,845	4.00	673	9-72		40	1,019	.00	40	75
16-06-0236	534869	125640	11-68	1	305	19,760	3.65	721	10	16,770	3.74	628	3-72		35	627	.02	28	49
16-06-0236	534877	151359	12-68	2	305	19,925	3.97	792	26	16,585	4.01	665	12-72		32	675	.00	27	50
16-06-0236	558982	138750	4-70	1	305	20,280	3.99	809	30	15,870	4.09	649	7-72		35	671	-.07	18	42
16-06-0389	473247	126555	8-64	6	305	20,778	3.84	798	16	15,918	3.88	617	8-72		43	1,136	-.05	39	79
16-06-0389	473248	126555	10-64	5	305	21,776	3.51	765	20	16,382	3.91	641	3-73		43	1,220	-.12	32	76
16-06-0389	504431	125640	8-66	4	305	18,130	4.11	746	10	15,680	3.90	534	2-73		43	880	.07	45	74
16-06-0389	528333	125640	3-68	3	305	15,447	4.31	666	7	13,300	3.95	526	7-72		42	573	.09	35	53
16-06-0389	537679	125640	12-68	3	305	18,837	4.01	756	7	15,070	3.87	585	11-72		42	803	.06	40	66
16-06-0389	550760	125640	2-70	1	305	19,460	3.75	730	6	16,630	3.80	639	9-72		35	601	.03	28	48
16-06-0389	560589	143612	7-70	1	305	20,520	3.59	737	9	14,510	3.91	568	7-72		35	709	-.05	21	46
16-12-0210	526711	125640	5-68	3	305	17,667	3.97	701	7	14,613	3.85	562	4-73		42	709	.05	35	58
16-12-0210	586186	125640	11-69	1	305	18,560	3.92	728	9	13,900	3.85	535	6-72		35	710	.04	34	57
16-14-0109	476483	130713	8-64	6	305	17,090	3.83	655	9	13,963	4.07	568	7-72		36	612	-.01	28	44
16-14-0109	514174	125640	10-66	4	297	15,568	4.34	676	7	14,255	4.06	578	1-73		43	504	.08	31	47
16-14-0109	529645	125640	2-66	4	305	16,853	4.09	689	5	14,848	4.07	605	1-72		43	605	.04	30	50
16-14-0109	530762	125640	3-68	3	305	18,233	3.77	687	9	14,273	4.02	574	1-73		42	807	.01	35	60
16-14-0109	531496	125640	10-66	4	295	15,575	4.13	644	9	13,738	4.08	560	7-72		43	556	.05	29	47
16-14-0109	544807	125640	12-66	4	305	15,306	4.12	630	9	13,738	4.08	560	7-72		43	523	.05	27	44
16-14-0109	544809	125640	1-67	3	305	17,110	4.14	709	7	14,027	4.16	584	2-72		42	699	.05	34	57
16-14-0109	570404	125640	4-70	1	305	17,130	3.97	680	8	13,670	4.03	551	8-72		35	616	.04	30	50
21-03-0204	561892	146947	10-70	1	305	15,990	3.89	622	6	12,480	4.03	503	12-72		35	780	-.02	28	55
21-04-0441	522603	125640	4-67	3	305	14,823	4.01	595	5	12,750	3.93	501	3-72		42	551	.05	29	47
21-04-0441	556362	125640	6-69	2	305	14,820	4.08	605	5	12,720	3.84	488	4-73		40	534	.07	30	47
21-04-0441	567598	125640	8-70	1	305	15,930	3.82	608	12	12,320	3.50	431	2-73		35	607	.06	32	52

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
21-05-0764	517616	125640	5-67	3	305	15,437	4.20	649	6	13,793	4.25	586	6-72		42	526	.05	27	$ 44
21-07-0090	517617	125640	7-67	2	305	15,530	4.02	625	7	13,025	4.10	534	3-72		40	581	.04	20	47
21-12-0687	472054	109152	6-64	3	237	22,150	3.92	869	8	14,343	3.93	563	8-72	B	42	1,069	-.03	38	75
21-12-0687	519261	125640	8-67	2	297	16,155	3.91	632	16	13,215	3.90	515	7-72	B	40	630	.04	30	51
21-13-0156	514696	126555	12-66	4	303	17,025	3.88	660	12	14,605	4.01	585	1-72		42	774	-.06	23	51
21-13-0156	514698	144692	2-67	5	303	15,760	4.31	680	11	14,180	3.94	558	3-73		37	607	.08	35	54
21-13-0156	519649	109152	4-64	5	305	17,074	4.11	702	13	13,732	4.02	552	11-72		44	579	-.01	22	42
21-13-0156	521745	126555	11-67	3	293	18,210	3.91	712	14	13,970	4.05	566	2-73		41	955	-.05	31	65
21-13-0156	539237	150372	2-69	2	305	18,825	3.84	723	14	13,470	4.05	546	10-72		25	697	-.03	24	48
21-18-0464	459282	125472	9-63	7	305	18,846	4.09	770	30	14,769	4.02	594	4-72		44	739	.00	29	54
21-21-0039	515119	146947	4-67	4	305	17,027	3.80	647	7	13,575	3.86	524	1-73		41	913	-.03	33	65
21-21-0039	522672	125640	9-67	4	304	16,110	3.76	605	7	13,980	3.86	540	1-73		43	599	.02	26	46
21-21-0039	555439	125640	2-70	1	305	16,050	3.60	577	6	12,480	3.79	473	6-72		35	606	.02	27	47
21-24-0451	540869	125640	2-69	3	304	14,343	3.76	540	10	12,460	3.76	468	4-73		42	523	.03	25	42
21-24-0451	550863	125640	2-70	1	305	14,930	3.93	587	6	13,090	3.78	495	10-72		35	485	.05	26	42
21-24-0966	495607	138750	12-65	5	277	15,688	3.81	597	21	11,228	4.01	450	9-72		44	797	-.08	21	50
21-26-0222	494309	138750	11-65	4	305	15,983	3.31	529	17	11,323	3.97	450	6-72		43	803	-.15	12	43
21-26-0222	520261	125640	12-67	2	305	15,140	3.75	568	14	11,520	3.86	445	3-72		40	664	.03	30	52
21-26-0320	513271	125640	3-67	3	244	16,473	4.01	660	7	14,220	3.80	540	1-73	B	42	607	.07	33	52
21-26-0320	518034	125640	7-67	3	264	17,197	4.00	688	8	14,130	3.79	536	11-72	B	42	699	.06	36	59
21-26-0512	513401	118619	3-66	3	305	13,673	4.04	553	10	11,090	3.99	442	1-72		42	625	-.01	23	45
21-28-0007	481797	109152	4-65	5	305	18,236	4.09	745	16	14,024	4.14	580	7-72		44	700	-.02	25	49
21-28-0007	538227	125640	1-69	2	305	16,135	4.20	678	13	13,510	3.97	536	8-72		40	604	.07	33	52
21-29-0852	513855	125640	3-67	4	303	15,185	4.16	632	14	13,715	3.93	539	1-73		43	510	.07	30	46
21-29-0852	518749	147712	5-67	4	305	16,568	3.94	653	15	13,208	4.04	534	2-73		35	663	-.04	21	45
21-30-0303	501933	144186	7-66	4	305	20,205	4.17	842	32	14,692	3.82	561	7-72		35	918	.06	45	75
21-30-0960	366113	124609	1-58	11	301	18,793	3.78	711	10	13,675	4.01	549	11-72		44	738	-.07	20	47
21-30-0960	463539	138750	12-63	7	300	17,014	3.97	676	8	13,480	4.09	551	10-72		44	735	-.06	21	47
21-30-0960	495127	138750	3-66	5	295	17,130	3.96	678	9	13,920	4.08	568	12-72		44	704	-.07	19	45
21-31-0661	521529	125640	8-67	3	305	15,263	4.61	704	16	13,170	3.99	526	9-72		42	564	.12	39	56
21-31-0661	526708	125640	2-68	2	305	19,795	3.72	737	12	13,920	3.98	554	4-72		40	943	.00	38	70
21-31-0661	535554	125640	7-68	2	305	18,395	3.82	702	12	13,975	4.03	563	4-72		40	796	.02	34	61
21-31-0661	536199	125640	8-68	2	305	16,730	4.06	680	13	13,580	4.07	553	5-72		40	659	.04	32	54
21-31-0661	536200	125640	8-68	3	305	16,120	4.18	674	18	13,467	4.02	542	9-72		42	636	.06	34	54
21-31-0661	539864	125640	11-68	2	305	15,345	3.81	584	18	13,360	4.01	536	7-72		40	535	.02	24	42
21-31-0661	549225	125640	9-69	1	305	16,170	4.27	690	10	14,300	4.02	575	5-72		35	506	.07	29	45
21-31-0661	551940	125640	11-69	1	305	17,230	3.78	651	16	13,510	3.97	537	7-72		35	633	.02	28	49
21-31-0736	524435	147075	11-67	3	305	20,733	3.94	817	17	14,436	4.09	590	5-72		34	948	-.01	36	69
21-31-0736	528132	136140	5-68	3	292	18,240	3.70	674	26	13,483	4.10	553	8-72		42	797	-.15	11	42
21-31-0736	539177	147075	10-68	2	305	19,345	4.17	807	22	15,415	4.04	623	1-72		32	596	.03	28	48
21-32-0240	492890	126555	1-66	4	295	15,420	3.85	593	11	13,240	4.00	530	2-73		42	709	-.06	20	46
21-32-0240	536776	125640	11-68	2	303	15,155	3.86	585	6	12,610	4.15	523	6-72		40	577	.01	25	44
21-37-0106	535803	146947	8-68	2	305	16,185	3.93	636	13	13,555	3.84	521	7-72		38	772	-.01	30	57
21-37-0106	542208	146947	2-69	2	305	18,580	4.02	747	17	13,390	3.90	522	9-72		38	1,039	.00	41	77
21-37-0106	544234	146947	4-69	2	304	18,385	3.66	672	16	13,915	3.90	542	9-72		38	974	-.05	32	66
21-37-0106	555264	146947	1-70	1	305	16,420	3.64	598	13	13,370	3.83	512	7-72		33	758	-.04	25	52
21-39-0118	455288	138750	3-63	2	305	18,570	3.83	711	25	14,080	4.06	571	5-72		40	758	-.08	19	47
21-39-0118	486422	118619	4-65	6	301	18,093	3.79	685	28	14,695	4.06	597	9-72		44	843	-.06	25	55
21-39-0118	495588	138408	4-66	4	305	20,850	4.06	847	26	15,918	3.96	630	8-72		42	593	.07	33	52
21-39-0118	505763	138750	7-66	4	305	17,605	4.41	777	26	15,335	3.97	609	3-72		43	605	.02	27	47
21-39-0118	514754	138750	6-67	4	292	17,953	3.67	658	13	14,445	4.08	589	12-72		43	737	-.11	14	42
21-39-0118	522589	146947	5-67	4	305	17,045	3.92	669	29	15,082	3.96	598	2-73		41	761	-.02	28	54
21-39-0118	533545	138750	9-68	3	305	19,540	3.78	738	10	13,800	3.95	545	3-73		42	958	-.08	27	62
21-39-0118	547188	125640	8-69	2	305	18,690	3.70	692	26	14,570	3.97	579	3-73		40	778	.00	31	58
21-39-0118	564415	151559	12-70	1	257	18,630	4.11	766	27	14,910	3.94	587	9-72	B	26	576	.03	27	46
21-39-0618	509620	147332	8-66	3	305	18,463	3.59	662	15	12,000	4.01	481	10-72		32	844	-.08	23	54
21-39-0618	514107	131528	1-67	3	302	16,617	4.07	677	14	12,030	3.94	474	11-72		42	583	.03	27	46
21-42-0348	297337	103408	11-54	7	305	17,477	4.08	713	18	14,520	4.15	603	7-72		37	573	.00	23	43
21-42-0348	358782	122428	7-57	9	305	20,317	3.94	800	14	15,046	4.16	626	4-73		37	946	-.04	32	65
21-42-0348	390087	122428	9-58	9	305	17,823	4.17	743	14	14,144	4.17	590	2-72		37	688	.00	28	51
21-42-0348	438777	107915	12-61	8	305	18,251	4.20	766	11	14,689	4.16	611	1-73		44	536	.06	29	46
21-49-0208	516166	126555	3-66	3	305	14,913	3.56	531	28	10,297	3.92	404	9-72		41	913	-.08	25	50
21-52-0628	546849	125640	4-69	2	290	16,615	3.79	630	12	11,455	4.00	458	9-72		40	820	.02	35	63
21-55-0874	558615	138750	6-70	1	297	18,410	3.92	722	9	12,640	4.04	511	3-73		35	725	-.07	20	46
21-55-0874	565911	125640	9-68	1	305	15,480	4.35	673	5	13,980	4.15	580	6-72		35	473	.06	27	42
21-56-0129	521261	146947	5-67	3	305	18,633	3.85	718	20	14,436	3.94	569	5-72		40	1,002	-.03	36	71
21-56-0129	521266	147075	7-67	3	305	20,503	4.02	824	23	14,956	3.88	580	3-72		34	863	.03	38	67
22-17-0154	498516	144364	1-66	5	305	18,438	3.85	710	13	13,958	3.97	554	1-73		32	750	-.02	27	53
22-17-0154	544533	146566	1-68	3	305	18,907	3.93	743	16	15,120	4.05	612	10-72		33	776	-.02	28	55
22-17-0154	549229	125640	2-68	2	305	15,330	4.24	650	10	13,700	3.87	530	5-72		40	506	.08	31	47
22-17-0217	473295	143612	8-64	5	276	16,666	4.22	703	17	14,226	4.07	579	4-72		42	552	.02	25	43
22-17-0217	504028	138750	7-64	6	299	14,497	4.01	581	21	11,030	4.09	451	3-73		44	662	-.06	19	43
22-17-0217	507916	126555	10-66	4	301	14,145	4.31	610	17	12,765	4.14	528	1-73		42	596	-.01	23	44
22-17-0217	515430	146947	5-67	3	305	16,076	4.04	649	15	13,706	4.14	568	5-72		40	766	-.02	28	55
22-17-0217	539795	143612	2-69	2	305	18,590	4.03	750	19	13,625	4.16	567	3-72		38	742	-.02	27	53
22-26-0071	559873	146947	4-70	1	305	16,320	3.73	608	7	14,030	4.01	563	12-72		33	709	-.04	23	48
22-29-0361	430121	137095	8-61	5	305	19,162	4.61	883	17	13,902	4.29	597	7-72		43	668	.12	43	63
22-29-0361	505654	143610	5-66	3	305	21,210	4.37	926	17	14,233	4.36	620	5-72		34	980	.04	44	77
22-29-0361	533999	145958	5-68	3	305	19,403	3.84	746	10	13,770	4.23	582	9-72		34	928	-.05	30	63
22-29-0361	552371	145958	9-69	1	305	19,980	3.93	785	15	14,410	4.23	610	12-71		26	691	-.03	23	47
22-29-0361	556186	145958	5-69	1	305	20,990	3.57	749	11	14,950	4.28	640	1-72		26	741	-.09	18	45
22-29-0361	561952	145958	5-70	1	305	21,850	3.70	808	12	15,340	4.26	654	1-73		26	789	-.07	22	51
22-36-0002	543942	125640	8-68	3	297	15,433	4.02	621	13	12,267	4.06	498	1-73		42	667	.04	32	54
22-36-0184	527510	146947	5-68	1	305	16,000	3.78	605	20	12,150	4.09	497	9-72		33	801	-.04	27	55
22-36-0184	547945	146947	6-69	1	305	18,720	3.95	739	16	12,390	4.07	504	11-72		33	998	-.02	37	72

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
22-36-0185	563348	146947	12-69	1	305	10,590	3.78	702	6	13,160	3.98	524	11-71		33	940	-.03	33	$ 66
23-07-0031	381569	124753	11-58	9	303	18,558	4.18	775	11	14,203	4.13	586	7-72		37	703	.02	34	60
23-07-0031	483140	124652	9-64	6	305	18,603	4.05	753	12	14,408	4.06	585	6-72		44	531	.02	26	42
23-08-0512	489366	126555	11-65	4	241	14,520	4.00	581	7	12,188	4.13	503	5-72		42	702	-.04	22	47
23-08-0512	532913	125640	8-68	3	304	13,393	4.38	587	13	11,653	3.97	463	3-73		42	407	.09	31	46
23-08-0512	558212	126555	1-70	2	305	15,580	3.71	578	12	12,885	3.99	514	1-73		39	729	-.07	20	46
23-08-0512	569689	146947	8-69	2	305	14,505	3.94	571	13	12,745	3.95	504	2-73		38	663	-.02	24	47
23-08-0601	559207	125640	5-70	1	305	16,080	4.21	675	7	12,420	3.90	485	8-72		35	609	.07	33	52
23-08-0601	561015	138750	8-70	1	305	18,960	3.63	689	6	11,080	4.05	481	8-72		35	814	-.10	19	49
23-14-0187	437829	118619	6-62	8	302	19,234	3.99	767	12	13,029	4.37	569	5-72		44	1,166	-.05	39	80
23-14-0187	499599	124652	3-66	5	302	17,860	4.18	747	13	13,326	4.36	581	12-72		44	547	.01	23	42
23-14-0187	544342	125640	3-69	2	297	15,785	4.06	641	6	14,020	4.22	592	7-72		40	526	.03	25	42
23-14-0187	562211	125640	9-70	1	300	16,160	4.47	722	7	14,710	4.31	634	10-72		35	480	.07	28	43
23-14-0187	562212	125640	10-70	1	305	17,660	4.09	723	5	14,230	4.25	605	2-73		35	622	.04	30	50
23-15-0654	505639	145881	7-66	3	305	17,110	4.35	745	15	14,153	4.15	587	5-72		34	431	.10	30	43
23-15-0654	505640	145881	7-66	4	305	16,717	4.43	740	24	14,030	4.26	597	8-72		35	419	.10	30	42
23-15-0654	507569	107915	7-66	4	270	20,230	4.09	827	22	14,820	4.21	624	4-72		43	746	.04	35	60
23-15-0654	526497	125640	12-67	3	305	16,787	4.37	733	39	15,227	4.15	632	12-72		42	549	.00	33	50
23-15-0654	535844	125640	9-68	3	305	18,627	3.98	741	51	14,910	4.21	628	1-73		42	793	.02	34	61
23-15-0654	540975	141777	1-69	2	305	18,305	4.30	787	60	15,090	4.21	635	1-73		35	666	.03	30	52
23-15-0654	557990	141777	7-69	1	305	18,400	4.27	785	50	15,030	4.22	635	9-71		30	591	.01	25	45
23-15-0654	564275	130750	12-70	1	305	21,840	4.07	889	51	15,370	4.18	642	2-73		35	819	-.06	25	54
23-15-0654	564277	125640	12-70	1	305	19,010	4.32	822	64	14,830	4.16	617	1-73		35	608	.06	36	58
23-15-0654	564280	138750	9-70	1	305	20,350	4.06	827	51	15,370	4.18	642	2-73		35	707	-.06	20	46
23-15-0654	565497	125640	8-70	1	305	19,820	4.02	797	64	14,830	4.16	617	1-73		35	749	.04	35	60
23-20-0153	523406	136140	9-67	4	305	17,500	3.59	628	14	12,265	4.07	499	3-73		43	860	-.16	12	45
23-31-0224	524828	147567	4-67	3	303	17,740	4.31	765	18	13,113	4.32	566	1-72		29	671	.02	30	52
23-31-0224	526917	125640	5-67	3	302	18,273	4.74	866	19	12,700	4.25	540	1-72		42	958	.14	57	87
23-36-0841	473423	142382	8-64	5	305	17,704	4.04	716	8	14,752	4.18	617	9-72		35	628	-.01	24	46
23-36-0841	478731	126555	12-64	4	291	17,065	3.91	668	9	14,460	4.07	588	5-72		42	793	-.06	24	52
23-36-0841	494814	126555	3-66	5	264	17,536	3.83	671	11	16,202	4.08	661	9-72		43	681	-.08	17	42
23-36-0841	527144	125640	12-67	2	305	15,945	4.28	682	10	14,150	4.05	573	4-72		40	532	.07	31	48
23-36-0841	527148	146947	2-68	3	305	18,083	4.25	803	11	13,946	4.23	590	12-72		40	1,078	.01	44	81
23-36-0841	527149	146947	4-68	3	305	18,633	3.95	736	10	14,330	4.22	605	10-72		40	1,012	-.04	35	70
23-36-0841	531573	125640	7-68	3	305	17,793	3.86	686	12	14,433	4.25	613	11-72		42	741	.00	29	54
23-36-0882	494811	126555	10-65	6	299	19,517	3.53	688	16	15,173	3.96	601	1-73	B	43	1,050	-.12	26	64
23-36-0882	513939	125640	3-67	3	305	18,247	3.68	672	12	14,130	3.95	558	4-72		42	822	-.01	32	60
23-36-0882	519323	125640	9-67	4	274	16,013	4.12	660	11	14,118	3.94	556	3-73	B	43	573	.07	32	50
23-36-0882	520626	138750	11-67	4	301	16,835	3.97	669	11	13,275	4.00	531	12-72	B	43	715	-.06	21	47
23-36-0882	525627	146947	1-68	3	216	14,383	3.86	555	10	11,283	4.12	465	8-72		40	795	-.04	27	55
23-42-0026	536054	146947	9-68	2	305	15,990	3.78	604	10	10,720	4.08	437	10-72		38	991	-.05	33	68
23-42-0026	550148	146947	10-69	1	305	14,240	4.58	652	5	11,950	4.08	488	1-73		33	676	.03	31	53
23-54-0003	534806	125640	9-68	2	305	14,475	4.14	599	17	12,365	3.92	485	4-72		40	528	.07	30	47
23-54-0003	539706	146947	4-69	2	305	14,840	4.32	641	19	12,520	3.95	495	4-72		38	718	.03	33	57
23-54-0003	548780	139273	7-69	2	305	17,255	3.78	653	13	13,925	3.98	530	1-73		38	744	-.06	21	48
23-54-0003	548781	139273	8-69	2	301	16,695	4.17	697	14	14,435	3.97	573	12-72		38	609	-.01	23	44
23-54-0003	560602	146947	8-70	1	305	16,030	3.84	615	12	13,050	4.04	527	9-72		33	747	-.03	26	52
23-54-0003	560603	146947	8-70	1	305	16,400	3.90	640	17	14,650	3.94	577	1-73		33	676	-.02	24	48
23-54-0003	560604	146947	8-70	1	305	16,970	3.84	651	15	14,370	4.04	581	10-72		33	738	-.03	25	51
23-54-0003	562511	139273	9-70	1	305	20,060	3.71	744	9	15,160	3.97	602	12-72		34	775	-.07	21	49
23-54-0043	383433	122885	10-58	10	296	17,272	4.27	738	14	12,231	4.15	508	4-72		39	677	.04	33	55
23-54-0043	526610	146947	11-67	2	304	14,175	3.68	522	19	12,240	4.10	502	8-72		38	671	-.06	19	43
23-54-0043	527369	125640	2-68	2	304	16,365	3.74	612	12	12,000	4.04	488	12-72		40	744	.01	31	56
23-54-0043	534803	125640	9-68	2	305	16,640	4.04	673	15	11,435	4.11	470	7-72		40	824	.04	38	65
23-54-0043	535843	125640	7-68	2	305	17,190	4.07	700	15	11,705	4.13	484	6-72		40	858	.04	40	68
23-54-0043	541849	146947	4-69	1	305	16,600	4.24	704	14	12,730	4.08	520	10-71		33	812	.00	33	61
23-54-0043	565617	125640	11-70	1	305	14,860	3.84	570	13	12,260	3.96	485	1-73		39	530	.03	25	43
23-54-0102	504709	118619	8-66	4	293	16,738	4.30	719	12	14,420	4.13	595	2-72		43	684	.01	29	52
23-54-0102	513935	133691	3-67	2	305	22,380	3.54	792	12	14,520	4.06	589	2-72		36	867	-.09	22	54
23-54-0102	533558	138750	11-68	3	305	19,223	3.58	688	8	14,763	4.08	603	10-72		42	831	-.13	16	47
23-56-0107	551887	151325	11-68	2	305	17,295	4.42	765	10	13,265	4.06	539	1-73		25	524	.07	30	46
23-59-0394	527926	126555	4-68	3	297	15,603	3.99	622	9	12,093	3.77	456	11-72		41	751	-.01	28	54
23-59-0394	527927	146947	2-68	1	305	15,030	3.87	582	10	13,930	3.54	472	2-73		33	652	.00	26	40
23-63-0081	501614	137867	4-64	6	305	21,762	3.77	820	25	14,968	4.02	601	8-72		36	1,178	-.06	39	81
23-63-0081	544521	146566	5-67	4	305	18,303	3.79	693	22	15,848	3.96	627	10-72		35	649	-.04	20	43
23-63-0081	544524	146566	10-67	2	305	18,795	4.00	751	17	16,180	3.99	645	5-72		30	608	-.01	23	44
23-63-0081	544526	146566	10-67	3	297	18,090	3.84	694	18	15,607	3.98	621	1-73		33	614	-.03	20	42
23-63-0081	544530	146566	10-67	3	305	18,973	4.04	767	20	15,627	4.04	631	12-72		33	730	.00	29	54
23-63-0081	544531	146566	12-67	3	305	18,600	4.07	757	16	15,540	3.98	618	2-73		33	689	.01	29	52
23-63-0081	544532	146566	1-68	2	305	20,480	4.13	845	16	16,645	3.97	661	5-72		30	764	.02	33	59
23-63-0081	554527	146566	5-68	2	305	18,285	3.98	727	22	15,430	4.03	622	12-72		30	618	-.01	23	44
23-65-0045	547227	138251	4-69	2	305	19,990	3.70	740	16	14,028	4.10	575	12-72		35	732	-.06	21	47
31-06-0083	568153	125640	6-70	1	305	13,020	4.27	556	10	0,200	4.33	355	10-72		35	636	.05	32	53
31-06-0119	459636	138616	11-63	5	295	17,372	3.79	659	15	13,446	4.15	558	7-72		35	831	-.08	23	53
31-06-0119	481760	101409	4-65	4	305	17,238	4.28	738	14	13,780	4.09	564	6-72		43	463	.08	29	43
31-06-0275	441724	135344	6-62	7	304	17,729	3.97	704	26	12,209	4.20	513	7-72		32	860	-.02	31	61
31-06-0275	524767	125640	1-68	3	301	15,043	4.41	663	28	13,710	4.19	574	12-72		42	408	.00	30	45
31-06-0275	533038	149983	5-68	3	301	19,290	4.16	803	32	13,727	4.20	576	5-72		29	822	.02	35	63
31-06-0275	533040	125640	5-68	3	305	18,260	4.48	818	30	13,553	4.21	570	11-72		42	877	.10	48	76
31-06-0275	537754	138750	7-68	3	300	18,103	3.96	717	22	14,330	4.19	600	3-73		42	741	-.07	20	47
31-06-0275	537755	138750	11-68	3	282	18,683	3.90	728	22	14,420	4.18	603	1-73	H	42	800	-.08	21	50
31-06-0275	537757	125640	9-68	3	293	17,237	4.01	692	28	13,623	4.18	570	1-73		42	751	.03	34	59
31-06-0275	539772	150692	12-68	2	304	17,125	4.33	742	31	14,220	4.19	596	5-72		36	553	.07	32	49
31-06-0275	540822	125640	11-68	2	305	16,210	4.23	686	35	13,395	4.20	563	8-72		40	621	.05	32	52
31-06-0275	545731	125640	2-69	2	305	19,115	4.27	816	36	13,435	4.19	563	7-72		40	914	.06	45	75

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	CDN INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
21-05-0764	517816	125640	5-67	3	305	15,437	4.20	649	6	13,793	4.25	586	6-72		42	526	.05	27	$ 44
21-07-0090	517617	125640	7-67	2	305	15,530	4.02	625	7	13,025	4.10	534	3-72		40	581	.04	28	47
21-12-0687	472054	109152	6-64	3	237	22,150	3.92	869	8	14,343	3.93	563	8-72	B	42	1,069	-.03	38	75
21-12-0687	519261	125640	8-67	2	297	16,155	3.91	632	16	13,215	3.90	515	7-72	B	40	630	.04	30	51
21-13-0156	514696	126555	12-66	4	303	17,025	3.88	660	12	14,605	4.01	585	1-72		42	774	-.06	29	51
21-13-0156	514698	144692	2-67	5	303	15,760	4.31	680	11	14,180	3.94	558	3-73		37	607	.08	35	54
21-13-0156	519649	109152	4-64	5	305	17,074	4.11	702	13	13,732	4.02	552	11-72		44	579	-.01	22	42
21-13-0156	521745	126555	11-67	3	293	18,210	3.91	712	14	13,970	4.05	566	2-73		41	955	-.05	31	65
21-13-0156	539237	150372	2-69	2	305	18,825	3.84	723	14	13,470	4.05	546	10-72		25	697	-.03	24	48
21-18-0464	459282	125472	9-63	7	305	18,846	4.09	770	30	14,769	4.02	594	4-72		44	739	.00	29	54
21-21-0039	515119	146947	4-67	4	305	17,027	3.80	647	7	13,575	3.86	524	1-73		41	913	-.03	33	65
21-21-0039	522672	125640	9-67	4	304	16,110	3.76	605	7	13,980	3.86	540	1-73		43	599	.02	26	46
21-21-0039	555439	125640	2-70	1	305	16,050	3.60	577	6	12,480	3.79	473	6-72		35	606	.02	27	47
21-24-0451	540869	125640	2-69	3	304	14,343	3.76	540	10	12,460	3.76	468	4-73		42	523	.03	25	42
21-24-0451	550863	125640	2-70	1	305	14,930	3.93	587	6	13,090	3.78	495	10-72		35	485	.05	26	42
21-24-0966	495607	138750	12-65	5	277	15,688	3.81	597	21	11,228	4.01	450	9-72		44	797	-.08	21	50
21-26-0222	494309	138750	11-65	4	305	15,983	3.31	529	17	11,323	3.97	450	6-72		43	803	-.15	12	43
21-26-0222	520261	125640	12-67	2	305	15,140	3.75	568	14	11,520	3.86	445	3-72		40	664	.03	30	52
21-26-0320	513271	125640	3-67	3	244	16,473	4.01	660	7	14,220	3.80	540	1-73	B	42	607	.07	33	52
21-26-0320	518034	125640	7-67	3	264	17,197	4.00	688	8	14,130	3.79	536	11-72	B	42	699	.06	36	59
21-26-0512	513401	118619	3-66	3	305	13,673	4.04	553	10	11,090	3.99	442	1-72		42	625	-.01	23	45
21-28-0007	481797	109152	4-65	5	305	18,236	4.09	745	16	14,024	4.14	580	7-72		44	700	-.02	25	49
21-28-0007	538227	125640	1-69	2	305	16,135	4.20	678	13	13,510	3.97	536	8-72		40	604	.07	33	52
21-29-0852	513855	125640	3-67	4	303	15,185	4.16	632	14	13,715	3.93	539	1-73		43	510	.07	30	46
21-29-0852	518749	147712	5-67	4	305	16,568	3.94	653	15	13,208	4.04	534	2-73		35	663	-.04	21	45
21-30-0303	501933	144186	7-66	4	305	20,205	4.17	842	32	14,692	3.82	561	7-72		35	918	.06	45	75
21-30-0960	366113	124609	1-58	11	301	18,793	3.78	711	10	13,675	4.01	549	11-72		44	738	-.07	20	47
21-30-0960	463539	138750	12-63	7	300	17,014	3.97	676	8	13,480	4.09	551	10-72		44	735	-.06	21	47
21-30-0960	495127	138750	3-66	5	295	17,130	3.96	678	9	13,920	4.08	568	12-72		44	704	-.07	19	45
21-31-0661	521529	125640	8-67	3	305	15,263	4.61	704	16	13,170	3.99	526	9-72		42	564	.12	39	56
21-31-0661	526708	125640	2-68	2	305	19,795	3.72	737	12	13,920	3.98	554	4-72		40	943	.00	38	70
21-31-0661	535554	125640	7-68	2	305	18,395	3.82	702	12	13,975	4.03	563	4-72		40	796	.02	34	61
21-31-0661	536199	125640	8-68	2	305	16,730	4.06	680	13	13,580	4.07	553	5-72		40	659	.04	32	54
21-31-0661	536200	125640	8-68	3	305	16,120	4.18	674	18	13,467	4.02	542	9-72		42	636	.06	34	54
21-31-0661	539864	125640	11-68	2	305	15,345	3.81	584	18	13,360	4.01	536	7-72		40	535	.02	24	42
21-31-0661	549225	125640	9-69	1	305	16,170	4.27	690	10	14,300	4.02	575	5-72		35	506	.07	29	45
21-31-0661	551940	125640	11-69	1	305	17,230	3.78	651	16	13,510	3.97	537	7-72		35	633	.02	28	49
21-31-0736	524435	147075	11-67	3	305	20,733	3.94	817	17	14,436	4.09	590	5-72		34	948	-.01	36	69
21-31-0736	528132	136140	5-68	3	292	18,240	3.70	674	26	13,483	4.10	553	8-72		42	797	-.15	11	42
21-31-0736	539177	147075	10-68	2	305	19,345	4.17	807	22	15,415	4.04	623	1-72		32	596	.03	28	48
21-32-0240	492890	126555	1-66	4	295	15,420	3.85	593	11	13,240	4.00	530	2-73		42	709	-.06	20	46
21-32-0240	536776	125640	11-68	2	303	15,155	3.86	585	6	12,610	4.15	523	6-72		40	577	.01	25	44
21-37-0106	535803	146947	8-68	2	305	16,185	3.93	636	13	13,555	3.84	521	7-72		38	772	-.01	30	57
21-37-0106	542208	146947	2-69	2	305	18,580	4.02	747	17	13,390	3.90	522	9-72		38	1,039	.00	41	77
21-37-0106	544234	146947	4-69	2	304	18,385	3.66	672	16	13,915	3.90	542	9-72		38	974	-.05	32	66
21-37-0106	555264	146947	1-70	1	305	16,420	3.64	598	13	13,370	3.83	512	7-72		33	758	-.04	25	52
21-39-0118	455288	138750	3-63	2	305	18,570	3.83	711	25	14,080	4.06	571	5-72		40	758	-.08	19	47
21-39-0118	486422	118619	4-65	6	301	18,093	3.79	685	28	14,695	4.06	597	9-72		44	843	-.06	25	55
21-39-0118	495588	138408	4-66	4	305	20,850	4.06	847	26	15,918	3.96	630	8-72		42	593	.07	33	52
21-39-0118	505763	138750	7-66	4	305	17,605	4.41	777	26	15,335	3.97	609	3-72		43	605	.02	27	47
21-39-0118	514754	138750	6-67	4	292	17,953	3.67	658	13	14,445	4.08	589	12-72		43	737	-.11	14	42
21-39-0118	522589	146947	5-67	4	305	17,045	3.92	669	29	15,082	3.96	598	2-73		41	761	-.02	28	54
21-39-0118	533545	138750	9-68	3	305	19,540	3.78	738	10	13,800	3.95	545	3-73		42	958	-.08	27	62
21-39-0118	547188	125640	8-69	2	305	18,690	3.70	692	26	14,570	3.97	579	3-73		40	778	.00	31	58
21-39-0118	564415	151559	12-70	1	257	16,630	4.11	766	27	14,910	3.94	587	9-72	B	26	576	.03	27	46
21-39-0618	509620	147332	8-66	3	305	18,463	3.59	662	15	12,000	4.01	481	10-72		32	844	-.08	23	54
21-39-0618	514107	131528	1-67	3	302	16,617	4.07	677	14	12,030	3.94	474	11-72		42	583	.03	27	46
21-42-0348	297337	103408	11-54	7	305	17,477	4.08	713	18	14,520	4.15	603	7-72		37	573	.00	23	43
21-42-0348	358782	122428	7-57	9	305	20,317	3.94	800	14	15,046	4.16	626	4-73		37	946	-.04	32	65
21-42-0348	390087	122428	9-58	9	305	17,823	4.17	743	14	14,144	4.17	590	2-72		37	688	.00	28	51
21-42-0348	438777	107915	12-61	8	305	18,251	4.20	766	11	14,689	4.16	611	1-73		44	536	.06	29	46
21-69-0208	516166	126555	3-66	3	305	14,913	3.56	531	28	10,297	3.92	404	9-72		41	913	-.08	25	50
21-52-0628	546849	125640	4-69	2	290	16,615	3.79	630	12	11,455	4.00	458	9-72		40	820	.02	35	63
21-55-0874	558615	138750	6-70	1	297	18,410	3.92	722	9	12,640	4.04	511	3-73		35	725	-.07	20	46
21-55-0874	565911	125640	9-68	1	305	15,480	4.35	673	5	13,980	4.15	580	6-72		35	473	.06	27	42
21-56-0129	521261	146947	5-67	3	305	18,633	3.85	718	20	14,436	3.94	569	5-72		40	1,002	-.03	36	71
21-56-0129	521266	147075	7-67	3	305	20,503	4.02	824	23	14,956	3.88	580	3-72		34	863	.03	38	67
22-17-0154	498516	144364	1-66	5	305	18,438	3.85	710	13	13,958	3.97	554	1-73		32	750	-.02	27	53
22-17-0154	544533	146566	1-68	3	305	18,907	3.93	743	16	15,120	4.05	612	10-72		33	776	-.02	28	55
22-17-0154	549229	125640	2-68	2	305	15,330	4.24	650	10	13,700	3.87	530	5-72		40	506	.08	31	47
22-17-0217	473295	143612	8-64	5	276	16,666	4.22	703	17	14,226	4.07	579	4-72		42	552	.02	25	43
22-17-0217	504028	138750	7-64	6	299	14,497	4.01	581	21	11,030	4.09	451	3-73		44	662	-.06	19	43
22-17-0217	507916	126555	10-66	4	301	14,145	4.31	610	17	12,765	4.14	528	1-73		42	596	-.01	23	44
22-17-0217	515430	146947	5-67	3	305	16,076	4.04	649	15	13,706	4.14	568	5-72		40	766	-.02	28	55
22-17-0217	539795	143612	2-69	2	305	18,590	4.03	750	19	13,625	4.16	567	3-72		38	742	-.02	27	53
22-26-0071	559873	146947	4-70	1	305	16,320	3.73	608	7	14,030	4.01	563	12-72		33	709	-.04	23	48
22-29-0361	430121	137095	8-61	5	305	19,162	4.61	883	17	13,902	4.29	597	7-72		43	668	.12	43	63
22-29-0361	505654	143610	5-66	3	305	21,210	4.37	926	17	14,233	4.36	620	5-72		34	980	.04	44	77
22-29-0361	533999	145958	5-68	3	305	19,403	3.84	746	10	13,770	4.23	582	9-72		34	928	-.05	30	63
22-29-0361	552371	145958	9-69	1	305	19,980	3.93	785	15	14,410	4.23	610	12-71		26	691	-.03	23	47
22-29-0361	556186	145958	5-69	1	305	20,990	3.57	749	11	14,950	4.28	640	1-72		26	741	-.09	18	45
22-29-0361	561952	145958	5-70	1	305	21,850	3.70	808	12	15,340	4.26	654	1-73		26	789	-.07	22	51
22-36-0002	543942	125640	8-68	3	297	15,433	4.02	621	13	12,267	4.06	498	1-73		42	667	.04	32	54
22-36-0184	527510	146947	5-68	1	305	16,000	3.78	605	20	12,150	4.09	497	9-72		33	801	-.04	27	55
22-36-0184	547945	146947	6-69	1	305	18,720	3.95	739	16	12,390	4.07	504	11-72		33	998	-.02	37	72

TABLE 5. BROWN SWISS USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE RECS	DAYS	MILK (LB)	PRODUCTION FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T D	C RPT (%)	C O W MILK (LB)	I N D E X FAT (%)	FAT (LB)	DOL-LARS
22-36-0185	563348	146947	12-69	1	305	18,590	3.78	702	6	13,160	3.98	524	11-71		33	940	-.03	33	$ 66
23-07-0031	381569	124753	11-58	9	303	18,558	4.18	775	11	14,203	4.13	586	7-72		37	703	.02	34	60
23-07-0031	483148	124652	9-64	6	305	18,603	4.05	753	12	14,408	4.06	585	6-72		44	531	.02	24	42
23-08-0512	489366	126555	11-65	4	241	14,520	4.00	581	7	12,100	4.13	503	5-72		42	702	-.04	22	47
23-08-0512	532913	125640	8-68	3	304	13,393	4.38	587	13	11,653	3.97	463	3-73		42	487	.09	31	46
23-08-0512	558212	126555	1-70	2	305	15,580	3.71	578	12	12,885	3.99	514	1-73		39	729	-.07	20	46
23-08-0512	569689	146947	8-69	2	305	14,505	3.94	571	13	12,745	3.95	504	2-73		38	663	-.02	24	47
23-08-0601	559207	125640	5-70	1	305	16,030	4.21	675	7	12,420	3.90	485	8-72		35	609	.07	33	52
23-08-0601	561015	138750	8-70	1	305	18,980	3.63	689	6	11,880	4.05	481	8-72		35	814	-.10	19	49
23-14-0187	437829	118619	6-62	8	302	19,234	3.99	767	12	13,029	4.37	569	5-72		44	1,166	-.05	39	80
23-14-0187	499599	124652	3-66	5	302	17,860	4.18	747	13	13,326	4.36	581	12-72		44	547	.01	23	42
23-14-0187	544342	125640	3-69	2	297	15,785	4.06	641	6	14,020	4.22	592	7-72		40	526	.03	25	42
23-14-0187	562211	125640	9-70	1	300	16,160	4.47	722	7	14,710	4.31	634	10-72		35	480	.07	28	43
23-14-0187	562212	125640	10-70	1	305	17,660	4.09	723	5	14,230	4.25	605	2-73		35	672	.04	30	50
23-15-0654	505639	145881	7-66	3	305	17,110	4.35	745	15	14,153	4.15	587	5-72		34	431	.10	30	43
23-15-0654	505640	145881	7-66	4	305	16,717	4.43	740	24	14,030	4.26	597	8-72		35	419	.10	30	42
23-15-0654	507569	107915	7-66	4	270	20,230	4.09	827	22	14,820	4.21	624	4-72		43	746	.04	35	60
23-15-0654	526497	125640	12-67	3	305	16,787	4.37	733	39	15,227	4.15	632	12-72		42	543	.08	33	50
23-15-0654	535844	125640	9-68	3	305	18,627	3.98	741	51	14,910	4.21	620	1-73		42	793	.02	34	61
23-15-0654	540975	141777	1-69	2	305	18,305	4.30	787	60	15,090	4.21	635	1-73		35	666	.03	30	52
23-15-0654	557990	141777	7-69	1	305	18,400	4.27	785	50	15,030	4.22	635	9-71		30	591	.01	25	45
23-15-0654	564275	138750	12-70	1	305	21,840	4.07	889	51	15,370	4.10	642	2-73		35	819	-.06	25	54
23-15-0654	564277	125640	12-70	1	305	19,010	4.32	822	64	14,830	4.16	617	1-73		35	688	.06	36	58
23-15-0654	564280	138750	9-70	1	305	20,350	4.06	827	51	15,370	4.18	642	2-73		35	707	-.06	20	46
23-15-0654	565497	125640	8-70	1	305	19,820	4.02	797	64	14,830	4.16	617	1-73		35	749	.04	35	60
23-20-0153	523406	136140	9-67	4	305	17,500	3.59	628	14	12,265	4.07	499	3-73		43	860	-.16	12	45
23-31-0224	524828	147567	4-67	3	303	17,740	4.31	765	18	13,113	4.32	566	1-72		29	671	.02	30	52
23-31-0224	526917	125640	5-67	3	302	18,273	4.74	866	19	12,700	4.25	540	1-72		42	958	.14	57	87
23-36-0841	473423	142382	8-64	5	305	17,704	4.04	716	8	14,752	4.18	617	9-72		35	628	-.01	24	46
23-36-0841	478731	126555	12-64	4	291	17,065	3.91	668	9	14,460	4.07	588	5-72		42	793	-.06	24	52
23-36-0841	494814	126555	3-66	5	264	17,536	3.83	671	11	16,202	4.08	661	9-72		43	681	-.08	17	42
23-36-0841	527144	125640	12-67	2	305	15,945	4.28	682	10	14,150	4.05	573	4-72		40	532	.07	31	48
23-36-0841	527148	146947	2-68	3	305	18,883	4.25	803	11	13,946	4.23	590	12-72		40	1,078	.01	44	81
23-36-0841	527149	146947	4-68	3	305	18,633	3.95	736	10	14,330	4.22	605	10-72		40	1,012	-.04	38	70
23-36-0841	531573	125640	7-68	3	305	17,793	3.86	686	12	14,433	4.25	613	11-72		42	741	.00	29	54
23-36-0882	494811	126555	10-65	6	299	19,517	3.53	688	16	15,173	3.96	601	1-73	B	43	1,050	-.12	26	64
23-36-0882	513939	125640	3-67	3	305	18,247	3.68	672	12	14,130	3.95	558	4-72		42	822	-.01	32	60
23-36-0882	519323	125640	9-67	4	274	16,013	4.12	660	11	14,118	3.94	556	3-73	D	43	573	.07	32	50
23-36-0882	520626	138750	11-67	4	301	16,835	3.97	669	11	13,275	4.00	531	12-72	B	43	715	-.06	21	47
23-36-0882	525627	146947	1-68	3	216	14,383	3.86	555	10	11,283	4.12	465	8-72		40	795	-.04	27	55
23-42-0026	536054	146947	9-68	2	305	15,990	3.78	604	10	10,720	4.08	437	10-72		38	991	-.05	33	68
23-42-0026	550148	146947	10-69	1	305	14,240	4.58	652	5	11,950	4.08	488	1-73		33	676	.03	31	53
23-54-0003	534806	125640	9-68	2	305	14,475	4.14	599	17	12,365	3.92	485	4-72		40	528	.07	30	47
23-54-0003	539706	146947	4-69	2	305	14,840	4.32	641	19	12,520	3.95	495	4-72		38	718	.03	33	57
23-54-0003	548780	139273	7-69	2	305	17,255	3.78	653	13	13,525	3.98	538	1-73		38	744	-.06	21	48
23-54-0003	548781	139273	8-69	2	301	16,695	4.17	697	14	14,435	3.97	573	12-72		38	609	-.01	23	44
23-54-0003	560602	146947	8-70	1	305	16,030	3.84	615	12	13,050	4.04	527	9-72		38	747	-.03	26	52
23-54-0003	560603	146947	8-70	1	305	16,400	3.90	640	17	14,650	3.94	577	1-73		33	676	-.02	24	48
23-54-0003	560604	146947	8-70	1	305	16,970	3.84	651	15	14,370	4.04	581	10-72		33	738	-.03	25	51
23-54-0003	562511	139273	9-70	1	305	20,060	3.71	744	9	15,160	3.97	602	12-72		34	775	-.07	21	49
23-54-0043	383433	122885	10-58	10	296	17,272	4.27	738	14	12,231	4.15	508	4-72		39	677	.04	33	55
23-54-0043	526610	146947	11-67	2	304	14,175	3.68	522	19	12,240	4.10	502	8-72		38	671	-.06	19	43
23-54-0043	527369	125640	2-68	2	304	16,365	3.74	612	12	12,080	4.04	488	12-72		40	744	.01	31	56
23-54-0043	534803	125640	9-68	2	305	16,640	4.04	673	15	11,435	4.11	470	7-72		40	824	.04	38	65
23-54-0043	535843	125640	7-68	2	305	17,190	4.07	700	15	11,705	4.13	484	6-72		40	858	.04	40	68
23-54-0043	541849	146947	4-69	1	305	16,600	4.24	704	14	12,730	4.08	520	10-71		38	812	.00	33	61
23-54-0043	565617	125640	11-70	1	305	14,860	3.84	570	13	12,260	3.96	485	1-73		35	530	.03	25	43
23-54-0102	504709	118619	8-66	4	293	16,738	4.30	719	12	14,420	4.13	595	2-72		43	684	.01	29	52
23-54-0102	513935	133691	3-67	2	305	22,380	3.54	792	12	14,520	4.06	589	2-72		36	867	-.09	22	54
23-54-0102	533558	138750	11-68	3	305	19,223	3.58	688	8	14,763	4.08	603	10-72		42	831	-.13	16	47
23-56-0107	551887	151325	11-68	2	305	17,295	4.42	765	10	13,265	4.06	539	1-73		25	524	.07	30	46
23-59-0394	527926	126555	4-68	3	297	15,603	3.99	622	9	12,893	3.77	486	11-72		41	751	-.01	28	54
23-59-0394	527927	146947	2-68	1	305	15,030	3.87	582	10	13,330	3.54	472	2-73		33	652	.00	26	48
23-63-0081	501614	137867	4-64	6	305	21,762	3.77	820	25	14,968	4.02	601	8-72		36	1,178	-.06	39	81
23-63-0081	544521	146566	5-67	4	305	18,303	3.79	693	22	15,848	3.96	627	10-72		35	643	-.04	20	43
23-63-0081	544524	146566	10-67	2	305	18,795	4.00	751	17	16,180	3.99	645	5-72		30	608	-.01	23	44
23-63-0081	544526	146566	10-67	3	297	18,090	3.84	694	18	15,607	3.98	621	1-73		33	614	-.03	20	42
23-63-0081	544530	146566	10-67	3	305	18,973	4.04	767	20	15,627	4.04	631	12-72		33	730	.00	29	54
23-63-0081	544531	146566	12-67	3	305	18,600	4.07	757	16	15,540	3.98	618	2-73		33	689	.01	29	52
23-63-0081	544532	146566	1-68	2	305	20,480	4.13	845	16	16,645	3.97	661	5-72		30	764	.02	33	59
23-63-0081	554527	146566	5-68	2	305	18,285	3.98	727	22	15,430	4.03	622	12-72		30	618	-.01	23	44
23-65-0045	547227	138251	4-69	2	305	19,990	3.70	740	16	14,025	4.10	575	12-72		35	732	-.06	21	47
31-06-0083	568153	125640	6-70	1	305	13,020	4.27	556	10	0,200	4.33	355	10-72		35	636	.05	32	53
31-06-0119	459636	138616	11-63	5	295	17,372	3.79	659	15	13,446	4.15	558	7-72		35	831	-.08	23	53
31-06-0119	481760	101409	4-65	4	305	17,238	4.28	738	14	13,780	4.09	564	6-72		43	663	.08	29	43
31-06-0275	441724	135344	6-62	7	304	17,729	3.97	704	26	12,209	4.20	513	7-72		32	860	-.02	31	61
31-06-0275	524767	125640	1-68	3	301	15,043	4.41	663	28	13,710	4.19	574	12-72		42	488	.08	30	45
31-06-0275	533038	149983	5-68	3	301	19,290	4.16	803	32	13,727	4.20	576	5-72		29	822	.02	35	63
31-06-0275	533040	125640	5-68	3	305	18,260	4.48	818	30	13,553	4.21	570	11-72		42	877	.10	48	76
31-06-0275	537754	138750	7-68	3	300	18,103	3.96	717	22	14,330	4.19	600	3-73		42	741	-.07	20	47
31-06-0275	537755	138750	11-68	3	282	18,683	3.90	728	22	14,420	4.18	603	1-73	H	42	800	-.08	21	50
31-06-0275	537757	125640	9-68	3	293	17,237	4.01	692	28	13,623	4.18	570	1-73		42	751	.03	34	59
31-06-0275	539772	150692	12-68	2	304	17,125	4.33	742	31	14,220	4.19	596	5-72		36	553	.07	32	49
31-06-0275	540822	125640	11-68	2	305	16,210	4.23	686	35	13,395	4.20	563	8-72		40	621	.05	32	52
31-06-0275	545731	125640	2-69	2	305	19,115	4.27	816	36	13,435	4.19	563	7-72		40	914	.06	45	75

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C REPT	O W MILK	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
31-06-0275	545732	125640	2-69	2	300	17,780	4.38	778	33	13,580	4.19	569	6-72	40	766	.08	41	$ 66
31-06-0275	555572	138750	2-70	1	305	20,940	4.04	846	36	13,830	4.19	580	7-72	35	844	-.06	25	55
31-06-0275	555575	138750	12-69	1	305	19,460	4.15	807	25	13,160	4.25	559	10-72	35	773	-.06	23	51
31-06-0275	555579	125640	7-69	2	282	15,800	4.36	689	25	13,345	4.20	560	10-72	40	583	.07	33	51
31-06-0275	555580	125640	1-70	1	305	18,450	4.33	799	34	13,610	4.16	566	8-72	35	719	.07	38	61
31-06-0275	555582	125640	7-69	2	305	17,645	4.35	767	24	14,090	4.15	585	3-73	40	710	.08	39	62
31-06-0275	560929	138750	5-70	1	295	19,660	3.96	779	36	13,830	4.19	580	7-72	35	747	-.07	20	47
31-06-0275	560930	138750	4-70	1	305	20,950	4.13	865	25	13,160	4.25	559	10-72	35	885	-.05	28	59
31-06-9475	432412	133534	11-61	7	305	17,111	3.82	654	9	13,679	3.99	546	6-72	35	660	-.05	20	44
31-06-9475	496954	145768	12-65	5	305	18,942	3.87	733	12	14,002	4.15	581	3-73	32	824	-.04	27	56
31-06-9475	519661	147147	5-67	4	305	18,228	4.03	735	9	13,880	4.14	574	2-73	30	697	-.01	27	51
31-06-9475	555396	138750	2-70	1	305	20,170	4.27	861	8	14,660	4.13	605	3-72	35	736	-.03	25	51
31-06-9575	491207	142715	3-65	6	305	17,015	4.35	740	8	14,028	4.19	588	12-72	32	516	.05	27	44
31-06-9575	562381	125640	10-70	1	305	19,330	4.50	869	6	11,940	4.09	488	9-72	35	887	.09	48	76
31-06-9625	545446	150692	3-69	2	305	15,095	4.43	669	8	11,215	4.50	505	10-72	36	594	.06	32	51
31-06-9625	564365	150692	4-70	1	305	14,730	4.46	657	12	11,060	4.39	485	5-72	31	490	.06	28	43
31-07-9031	527952	118619	1-68	3	299	17,010	4.32	735	12	14,817	4.15	615	4-73	42	666	.01	28	51
31-07-9031	527954	118619	2-68	3	305	17,110	4.20	719	19	14,747	4.22	623	5-72	42	684	-.01	26	50
31-07-9031	570408	125640	2-71	1	291	16,140	4.18	674	13	13,910	4.10	571	2-73	35	527	.05	28	45
31-12-0810	513684	144017	1-67	3	305	18,927	4.28	811	5	14,407	4.03	581	3-72	29	693	.05	35	58
31-12-0810	542268	125640	6-68	2	301	17,290	4.14	716	6	13,545	4.25	576	8-72	40	718	.04	34	58
31-14-9027	379052	128917	3-59	7	305	21,160	4.41	933	19	11,276	4.27	482	3-72	36	1,483	.08	70	119
31-14-9027	475981	128917	1-65	4	305	15,660	4.24	664	20	11,178	4.11	459	4-72	35	655	.04	32	53
31-15-9874	528580	139036	1-68	3	303	20,870	4.42	922	14	14,690	4.49	660	1-72	42	663	.04	32	54
31-19-0072	495787	140414	11-65	1	305	19,960	4.15	829	11	11,600	4.12	478	10-72	23	627	.02	28	49
31-19-0072	569735	143612	3-70	1	305	22,370	3.43	767	9	12,310	4.09	503	5-72	33	990	-.09	27	63
31-19-0081	530471	125640	6-68	1	305	14,470	3.86	559	7	11,310	3.69	417	4-73	35	558	.05	29	47
31-33-9175	457783	139202	9-63	6	305	18,285	3.69	675	24	14,050	4.06	571	10-72	35	755	-.07	21	48
31-33-9175	507275	139202	11-66	3	305	19,047	4.10	780	25	14,593	3.86	563	2-73	32	730	.04	34	58
31-33-9175	557753	150000	1-70	1	305	15,970	4.23	676	9	13,210	4.05	535	2-72	24	550	.04	27	45
31-33-9175	561218	150000	7-70	1	305	18,410	3.79	698	11	13,520	4.12	557	1-72	24	745	-.02	27	53
31-33-9175	565435	150000	12-70	1	305	19,880	3.44	683	24	17,300	3.55	614	1-73	24	607	-.02	22	43
31-33-9175	572974	156857	9-70	1	305	25,590	2.98	762	25	17,070	3.59	613	1-73	19	893	-.14	17	51
31-33-9175	572988	151441	10-70	1	305	22,150	3.87	858	18	14,530	3.98	578	7-72	19	759	-.02	28	54
31-39-9040	501891	124529	1-60	5	302	17,344	3.94	683	8	12,114	4.11	498	2-73	34	679	-.02	25	49
31-42-0082	565220	125640	8-70	1	305	18,290	3.89	712	5	16,160	3.60	582	2-73	35	553	.06	30	48
31-42-9005	500072	145782	3-66	3	305	20,976	3.98	835	17	12,736	4.26	542	1-72	32	1,172	-.03	43	84
31-42-9005	527645	145781	6-67	3	305	17,746	4.35	772	15	12,160	4.05	493	9-72	32	796	.06	40	66
31-42-9005	535587	145781	2-67	3	299	15,986	4.02	642	9	12,226	4.02	491	4-72	32	551	.01	23	42
31-42-9005	535588	145781	3-67	4	300	17,150	3.73	639	13	12,165	4.04	492	3-73	34	760	-.05	24	51
31-42-9005	535601	145781	8-67	3	305	18,023	3.82	689	11	12,226	3.98	487	6-72	32	826	-.02	30	59
31-49-9066	495160	143612	1-66	5	301	17,198	4.43	762	27	13,786	4.32	596	5-72	42	670	.03	31	53
31-49-9066	499939	143612	7-66	3	305	17,760	4.30	763	24	13,723	4.39	603	1-72	40	698	.00	28	52
31-49-9066	510822	143612	1-67	4	299	16,337	4.35	710	21	13,627	4.34	591	8-72	41	557	.01	24	43
31-49-9066	530209	143612	4-68	3	305	18,940	4.18	791	27	14,790	4.32	639	6-72	40	737	-.01	28	53
31-49-9066	536183	143612	10-68	2	305	18,675	4.82	900	27	14,695	4.42	649	6-72	38	660	.07	36	57
31-49-9066	556274	152113	4-70	1	305	19,430	4.16	808	22	13,320	4.24	565	9-72	23	727	.04	34	58
31-49-9066	560166	152113	10-70	1	299	16,970	5.27	894	22	13,320	4.24	565	9-72	23	504	.17	42	56
31-49-9066	564090	157024	2-71	1	305	21,090	4.10	865	46	14,230	4.17	594	1-73	19	681	.01	28	51
31-49-9066	566522	138750	5-71	1	301	19,630	3.94	773	33	13,750	4.19	576	3-73	35	750	-.07	20	47
31-52-9351	456545	120448	5-63	8	305	17,059	4.00	682	15	12,620	4.31	544	4-73	43	899	-.04	30	62
31-52-9351	470743	138750	3-64	7	304	16,834	3.95	665	15	11,600	4.34	503	1-73	44	908	-.08	25	58
31-52-9351	492006	136140	12-65	5	305	17,274	3.98	687	18	11,658	4.33	505	10-72	44	922	-.12	20	54
31-52-9351	554360	139273	9-69	2	304	16,720	4.48	749	15	13,950	4.16	580	1-73	38	652	.01	28	50
31-54-9755	567069	136140	3-71	1	305	21,650	3.79	820	17	13,770	4.10	564	3-73	35	858	-.13	16	48
31-54-9760	429484	132700	9-61	8	302	17,273	3.90	673	16	13,840	4.10	567	1-72	35	682	-.05	21	45
31-54-9760	473879	138576	10-64	6	304	19,482	3.76	732	17	14,600	4.11	600	12-72	32	834	-.07	24	54
31-54-9760	491321	142675	11-65	5	299	17,004	3.98	676	16	14,344	4.07	584	12-71	36	590	.00	23	43
31-54-9760	506340	142675	7-66	4	305	18,860	4.07	768	16	13,845	4.08	565	1-72	35	894	.02	38	68
31-54-9760	514530	142675	10-66	4	297	18,570	4.04	750	15	14,137	4.06	574	3-72	35	820	.01	34	62
31-54-9760	539486	132685	1-69	2	305	21,315	3.71	791	20	15,140	4.13	625	2-72	38	636	-.04	20	43
31-54-9760	558867	143612	7-70	1	305	21,900	4.26	933	19	15,630	4.18	653	10-72	33	747	.01	31	56
31-75-0490	527480	143426	4-68	3	305	24,237	4.09	992	17	16,060	4.16	668	10-72	34	1,142	.01	47	86
31-75-0490	545487	150692	4-69	2	305	18,150	4.30	780	20	15,955	4.12	657	9-72	36	514	.07	30	46
31-80-0035	456246	101409	12-61	8	305	17,585	4.00	704	5	12,214	4.26	520	6-72	44	694	.02	30	53
31-80-9069	488102	143612	7-65	4	305	23,035	4.53	1043	12	13,155	4.00	526	11-72	41	1,463	.10	73	121
31-80-9069	517322	143612	7-67	2	305	18,130	4.01	727	10	14,615	3.89	568	1-72	38	609	.01	25	46
31-80-9069	536479	118619	12-68	2	305	19,160	3.78	724	10	13,435	3.92	526	11-72	40	972	-.04	33	67
31-81-0019	540667	125640	12-68	1	305	16,440	4.09	672	5	13,400	3.86	517	5-72	35	580	.06	31	50
31-85-0012	469519	126555	5-64	1	305	17,430	4.02	701	24	12,950	3.88	502	3-73	35	822	-.04	28	57
31-85-0012	562199	125640	5-70	1	305	15,460	4.30	665	28	12,770	3.87	494	1-73	35	544	.08	32	49
31-85-0108	549683	135057	8-69	1	305	19,540	3.75	732	24	11,490	4.05	465	11-71	32	709	-.05	22	47
31-85-0108	560828	125640	10-70	1	305	14,050	3.99	561	17	11,580	3.96	459	12-72	35	510	.04	26	43
31-85-0127	552660	138750	1-70	1	305	17,240	4.06	700	10	11,570	4.49	520	6-72	35	701	-.07	18	44
32-02-0047	473291	143612	11-64	6	305	18,660	4.13	770	24	14,413	4.17	601	7-72	42	799	.00	32	59
32-02-0047	488977	144251	9-65	5	305	17,028	4.42	752	12	14,478	4.02	582	8-72	32	461	.09	30	44
32-02-0047	501615	137867	4-64	6	303	21,512	4.07	875	18	14,688	3.97	583	6-72	36	1,174	.02	50	90
32-02-0047	532883	147377	7-68	2	305	18,935	4.12	780	13	17,110	3.80	651	1-72	31	514	.04	26	43
32-02-0047	552876	145006	3-69	2	305	21,635	3.37	730	14	16,275	3.82	621	3-73	30	929	-.11	22	56
32-02-0047	560167	152113	10-70	1	305	18,000	4.64	835	10	15,530	3.99	619	11-72	23	438	.12	33	46
32-02-0047	564945	149766	10-70	1	298	21,590	3.72	803	9	15,820	3.89	615	3-73 H	24	616	-.03	21	43
32-02-0283	502466	142722	4-66	1	305	19,610	4.15	814	15	14,060	4.03	567	10-72	24	638	.03	29	50
32-02-0283	524820	151280	3-68	3	244	19,803	3.76	745	37	14,810	4.27	632	3-72	29	772	-.08	20	48
32-02-0283	541779	151280	3-69	2	216	19,150	4.19	803	34	14,475	4.24	614	5-72	25	637	.01	27	49
32-02-0283	560852	139273	5-70	1	305	19,190	4.19	804	20	15,090	4.20	634	3-72	34	713	-.03	24	49

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

CON'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..CON'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
32-02-9710	444660	133515	10-62	3	296	15,980	4.02	642	28	10,660	4.09	436	2-72		33	734	.03	33	$ 58
32-02-9710	502592	124045	7-66	4	294	14,965	4.16	622	19	10,157	4.11	417	12-71		36	638	.02	28	49
32-02-9710	574935	150000	4-69	1	305	14,780	4.42	653	23	11,710	4.16	487	1-72		24	551	.05	28	46
32-02-9710	575512	150000	8-69	1	305	14,640	4.30	629	26	11,610	4.11	477	3-72		24	546	.04	27	45
32-30-0160	536835	125640	12-68	2	305	18,025	3.96	714	19	16,025	4.07	652	3-72		40	591	.03	28	48
32-30-0160	550477	139273	11-69	2	305	18,025	3.79	684	15	14,310	3.98	570	4-73		38	759	-.06	22	49
32-30-0902	470432	118619	6-64	6	272	16,420	3.83	629	10	11,607	3.98	462	8-72		44	947	-.04	32	65
32-30-0902	518152	147254	4-67	4	305	17,653	3.87	683	14	11,480	4.09	469	1-73		30	901	-.03	32	63
32-36-0820	451284	115176	1-63	8	289	18,687	3.94	737	9	15,273	3.59	549	3-73	B	42	579	.06	31	50
32-36-0820	462966	125472	1-64	7	301	19,000	3.43	651	9	15,120	3.64	551	11-72	B	44	722	-.08	18	44
32-36-0820	566771	139273	12-70	1	196	17,790	3.77	671	7	14,470	3.70	536	2-73	B	34	643	-.04	20	43
32-36-0821	491515	126555	10-65	5	305	15,810	3.85	608	10	13,076	3.71	485	11-72		43	783	-.02	28	55
32-36-0821	497793	126555	5-66	4	305	15,648	3.71	580	9	13,908	3.75	522	3-72		42	670	-.05	20	44
32-36-9590	523194	150717	1-68	3	305	19,346	3.76	727	20	16,050	3.81	611	12-72		32	568	-.01	22	42
32-36-9590	536810	150053	9-68	3	304	20,683	4.24	877	24	16,327	3.83	625	2-73		29	724	.08	40	63
32-36-9590	536813	125640	1-69	2	303	18,355	4.16	764	28	16,530	3.68	608	5-72		40	584	.10	36	54
32-36-9590	540365	151907	3-69	3	301	22,243	3.64	810	20	16,386	3.85	631	3-73		32	1,027	-.09	29	66
32-36-9590	540367	151907	2-69	3	305	22,306	3.53	788	18	16,236	3.87	628	4-73		32	1,052	-.11	27	68
32-36-9590	547679	151907	8-69	2	285	20,805	3.60	749	21	16,300	3.82	622	9-72	H	29	765	-.08	20	48
32-36-9590	547681	151907	9-69	2	305	20,025	3.71	742	25	15,995	3.84	615	8-72		29	700	-.06	20	45
32-36-9590	559876	125640	8-70	1	305	21,530	4.21	907	20	17,840	3.83	684	11-72		35	696	.08	39	61
32-43-9537	397666	126599	1-60	8	300	18,019	4.43	799	13	13,656	4.22	576	9-72		39	748	.07	39	63
32-44-0542	529579	141756	11-67	2	305	16,370	3.85	631	12	11,840	3.98	471	9-71		32	664	-.04	21	45
32-44-0905	471492	141294	11-63	7	292	16,737	4.27	714	9	14,041	4.15	582	11-72		34	534	.04	26	44
32-44-9481	427290	115273	1-61	10	305	15,288	4.29	656	20	12,847	4.21	541	3-73		37	552	.02	25	43
32-44-9481	447991	115273	1-62	8	305	16,055	4.10	658	19	12,479	4.11	513	8-72		37	707	.01	29	53
32-44-9481	474845	139286	3-64	6	305	19,245	3.83	738	24	13,093	4.08	534	4-72		35	994	-.04	34	69
32-44-9481	479906	118619	12-64	5	305	15,576	4.34	676	28	13,228	4.12	545	2-73		44	667	.03	30	52
32-44-9481	511488	141777	9-66	4	305	18,167	4.38	795	26	13,192	4.19	553	9-72		39	919	.05	43	73
32-44-9481	548200	139273	11-69	2	305	15,960	4.37	697	27	13,830	4.21	582	4-73		38	583	-.01	22	42
32-44-9481	548201	139273	11-69	1	305	19,220	4.06	780	21	13,850	4.30	595	2-73		34	791	-.06	24	52
32-68-0005	483768	139055	7-63	6	305	15,167	4.30	652	16	10,887	4.33	471	2-72		35	560	.02	25	44
32-68-9243	476808	143648	10-64	6	305	17,133	4.16	712	10	13,500	4.15	560	1-73		32	601	.02	26	46
32-68-9243	484424	142764	7-65	5	305	17,154	4.31	740	8	13,912	4.14	576	7-72		32	552	.05	29	47
32-68-9243	484425	142764	7-65	5	305	18,962	3.84	729	9	13,622	4.20	572	5-72		32	876	-.06	27	58
32-68-9243	501395	146029	4-66	5	305	19,570	3.90	764	9	13,210	4.20	555	11-72		32	1,024	-.04	35	71
32-73-0044	563340	125640	2-71	1	300	15,760	3.72	586	22	12,750	4.04	515	1-73		35	568	.02	25	44
32-92-0041	533513	149766	10-68	1	305	18,050	3.86	697	31	12,070	3.88	468	11-71		24	568	-.01	22	42
32-92-0041	540161	145490	2-69	2	305	16,900	3.53	597	37	12,055	3.92	472	9-72		29	714	-.09	16	42
32-92-0041	548355	150985	7-69	2	274	15,805	4.02	636	7	12,175	3.84	468	3-73		29	527	.02	24	42
32-92-0041	553363	150985	9-69	1	305	17,270	4.02	694	24	12,510	3.86	483	7-72		23	536	.02	24	42
33-07-0440	544699	150692	3-69	2	305	17,905	4.00	716	8	12,405	4.09	507	7-72		36	796	.04	37	63
33-07-0440	548109	150692	8-69	1	305	18,090	3.88	702	15	13,810	4.19	579	2-72		31	584	.02	26	46
33-07-0910	547626	125640	12-69	2	305	16,540	4.01	664	6	11,315	4.02	455	2-73		40	824	.05	39	66
33-07-0910	559370	148487	7-70	1	305	14,430	4.03	581	6	12,050	3.87	466	2-73		26	564	.04	28	46
33-09-0005	523867	102954	11-67	3	304	16,943	3.90	660	11	12,553	3.97	498	5-72		41	626	.00	25	46
33-09-0005	545689	125640	9-69	2	305	15,380	3.90	600	15	12,440	3.97	494	1-73		40	614	.03	29	49
33-09-0005	546028	125640	9-69	1	305	14,170	4.14	586	9	11,980	3.74	448	5-72		35	495	.07	29	44
33-09-0005	551057	125640	11-69	1	305	15,460	4.01	620	8	11,690	3.93	459	3-72		35	610	.05	31	51
33-09-0005	561325	143612	10-70	1	305	18,560	3.48	645	11	12,690	3.95	501	2-73		33	669	-.07	18	42
33-18-0216	490016	136140	11-64	3	305	15,163	4.21	638	15	10,493	4.05	425	2-72		42	717	-.07	19	45
33-18-0216	518325	146501	7-67	3	305	15,813	4.12	652	11	10,290	3.99	411	8-72		32	669	.03	31	53
33-18-0676	513020	109152	8-66	4	258	16,278	3.56	579	12	10,743	3.94	423	7-72	B	43	759	-.08	19	47
33-18-0676	543665	150692	1-69	2	305	14,040	3.73	524	10	10,565	3.95	417	4-72		36	536	.02	24	42
33-25-0470	419191	135254	8-60	4	293	13,803	4.16	574	11	7,330	4.05	297	6-72		30	821	.02	36	64
33-31-0240	557675	138750	8-69	1	304	18,160	4.12	749	9	13,540	4.14	561	5-72		35	652	-.05	19	42
33-36-0240	537409	150692	9-68	3	303	16,460	4.40	725	7	13,676	4.20	574	12-72		38	567	.09	34	52
33-36-0240	543373	150692	3-69	2	305	17,530	4.23	741	8	14,285	4.01	573	11-72		36	592	.08	34	53
33-36-0240	543375	138750	3-69	2	305	17,355	3.94	684	7	13,550	4.15	562	10-72		40	678	-.08	17	42
33-41-0840	416385	130898	2-61	8	304	16,048	3.98	639	16	12,360	4.18	517	5-72		36	579	.00	23	43
33-41-0840	518970	141783	5-67	4	299	16,735	4.27	715	9	12,710	4.19	533	11-72		35	537	.05	28	45
33-44-0310	552535	125640	11-68	2	305	14,145	4.26	602	14	12,450	3.78	471	7-72		40	487	.09	31	46
33-44-0842	541046	125640	1-69	1	305	14,570	4.06	592	15	11,480	4.14	475	4-72		35	555	.04	28	46
33-48-0716	541461	150692	10-68	2	304	18,425	4.33	797	9	15,065	4.49	676	1-72		36	621	.05	31	51
33-48-0716	570591	125640	10-70	1	305	19,430	4.35	845	15	16,230	4.33	703	12-72		35	635	.06	33	54
33-48-0716	570595	153159	11-69	2	305	22,600	4.35	983	11	16,000	4.40	704	1-73		25	919	.03	41	72
33-48-0717	494049	136140	12-65	4	303	17,745	4.29	761	8	12,973	4.39	569	5-72		43	820	-.09	21	51
33-48-0717	541151	125640	12-68	2	305	14,570	4.72	687	7	12,920	4.23	546	7-72		40	492	.11	34	49
33-48-0717	548872	125640	6-69	2	305	20,600	4.14	855	6	13,850	4.26	590	10-72		40	1,031	.04	47	81
33-48-0717	548873	125640	7-69	2	296	16,130	4.54	732	6	13,850	4.26	590	10-72		40	575	.09	35	53
33-48-0717	558734	125640	6-70	1	305	19,490	4.36	850	6	15,370	4.13	635	12-72		35	692	.08	38	60
33-51-0540	457438	140365	6-63	6	294	16,652	3.74	622	7	11,415	3.98	454	3-72		36	852	-.03	30	60
33-51-0540	505079	143835	6-66	4	303	18,195	3.75	682	7	11,995	3.93	472	2-72		39	822	-.02	30	59
33-55-0146	541994	150692	9-68	3	305	16,000	4.31	690	8	14,126	4.14	585	3-73		38	465	.07	28	42
33-78-0171	554196	125640	12-69	1	305	15,080	3.80	573	12	12,000	3.90	468	4-72		35	562	.03	27	45
33-86-0171	552706	125640	9-69	2	305	14,785	4.07	602	9	11,770	4.10	483	11-72		40	608	.04	30	50
33-86-0171	552707	125640	12-69	2	298	15,170	3.84	583	11	12,270	4.15	509	1-73		40	606	.01	26	46
33-86-0440	388511	122173	7-59	8	305	15,570	4.78	744	21	11,735	4.20	494	1-72		36	647	.14	44	63
33-86-0510	422867	135099	2-61	8	302	16,278	4.16	677	32	12,759	3.97	506	1-72		38	615	.03	28	48
33-86-0510	565268	148487	12-70	1	305	13,610	4.01	546	12	11,630	3.92	456	3-73		26	521	.03	25	42
33-86-9442	490509	136139	8-65	5	305	16,626	3.95	656	13	13,042	4.31	562	9-72		36	641	-.04	20	43
33-86-9442	521541	148487	10-67	4	305	16,005	4.22	676	11	12,512	4.12	515	1-73		35	809	.05	39	66
33-86-9442	535626	148487	4-68	2	305	16,370	4.06	665	11	12,025	4.01	482	12-72		31	836	.03	38	66
33-86-9442	535629	148487	7-68	2	305	18,565	4.34	806	11	12,645	4.18	528	1-72		31	1,035	.06	50	84
33-86-9442	535631	148487	8-68	2	305	13,225	4.14	547	12	11,625	4.09	475	5-72		31	505	.04	25	42

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
33-86-9442	535635	148487	10-68	3	305	18,496	4.00	740	6	12,526	4.10	514	10-72		34	1,109	.01	46	$ 84
33-86-9442	536726	148487	11-68	2	305	14,770	4.23	625	11	12,025	4.01	482	12-72		31	649	.06	34	55
33-86-9442	536727	148487	11-68	3	305	15,553	4.71	733	8	12,300	4.03	496	12-72		34	744	.13	47	70
33-86-9442	536729	148487	12-68	3	305	14,296	4.20	600	6	12,550	4.02	505	9-72		34	552	.05	29	47
33-86-9442	544928	148487	2-69	3	305	14,746	4.16	614	11	11,440	4.06	464	4-73		34	728	.04	35	59
33-86-9442	544931	148487	4-69	2	242	14,245	4.28	610	10	11,900	4.08	485	6-72		31	599	.06	32	51
33-86-9442	546411	148487	7-69	1	305	20,570	4.06	835	5	12,930	4.14	535	10-71		26	1,036	.03	45	80
33-86-9442	546496	148487	7-69	2	299	14,165	4.27	605	7	12,745	3.97	506	11-72		31	510	.07	29	45
33-86-9442	548924	148487	8-69	2	305	15,155	4.22	639	5	12,405	4.02	499	10-72		31	658	.06	34	55
33-86-9442	548925	148487	8-69	2	305	14,420	4.14	597	7	12,745	3.97	506	11-72		31	540	.05	28	45
33-86-9442	548926	148487	10-69	2	305	14,280	4.05	578	6	12,355	3.99	493	12-72		31	560	.04	27	45
33-86-9442	555695	148487	1-70	2	305	16,205	3.97	644	10	11,875	3.96	470	3-73		31	891	.03	37	65
33-86-9442	555696	148487	3-70	1	305	16,990	4.27	726	10	11,370	4.05	460	5-72		26	834	.06	41	68
33-86-9442	559367	148487	4-70	1	305	15,650	4.23	662	10	11,370	4.05	460	5-72		26	717	.05	35	59
33-86-9442	559369	148487	7-70	1	305	15,470	3.76	581	8	10,320	4.01	414	7-72		26	774	.00	31	57
33-86-9442	559371	148487	8-70	1	305	15,420	4.08	629	7	11,880	3.89	462	2-73		26	661	.04	32	54
33-86-9442	559372	148487	8-70	1	305	15,970	3.81	609	5	11,720	3.89	456	9-72		26	720	.02	31	55
33-86-9442	559373	148487	8-70	1	305	14,310	3.64	521	7	11,780	3.83	451	12-72		26	572	.00	23	43
33-86-9442	562443	125640	4-70	1	305	14,060	4.42	621	21	12,290	4.11	505	4-72		35	468	.07	28	43
33-86-9442	565861	148487	11-70	1	305	17,100	4.12	705	7	12,700	3.83	486	11-72		26	751	.05	37	62
33-86-9442	565863	148487	12-70	1	305	14,450	3.69	533	7	11,780	3.83	451	1-73		26	584	.01	25	45
33-86-9442	565866	148487	2-71	1	305	13,060	4.51	589	5	11,660	3.83	447	3-73		26	471	.09	30	44
33-87-0110	458116	107915	8-63	6	305	16,763	4.30	720	7	13,075	4.08	534	2-72		44	510	.08	31	47
33-87-0110	539641	125640	10-68	2	305	20,500	3.85	790	7	13,830	3.94	545	8-72		40	1,023	.02	44	78
33-87-0615	537148	150692	8-68	2	305	16,445	4.41	725	11	12,895	4.09	528	10-72		36	595	.09	36	54
33-95-0354	563312	125640	7-70	1	305	15,100	4.05	612	11	9,350	4.18	391	10-72		35	724	.04	34	58
33-95-0354	565470	125640	11-70	1	305	14,960	4.10	614	11	9,560	4.13	395	1-73		35	701	.04	34	57
33-96-0512	497193	131528	3-66	4	305	17,648	4.11	726	11	13,258	3.98	528	7-72		43	623	.04	30	50
33-96-0512	500668	118619	3-66	5	305	17,234	3.67	632	14	14,756	4.02	593	1-73		44	724	-.07	19	45
33-96-0512	518734	131528	9-67	4	305	20,838	3.97	827	7	13,940	3.89	542	3-73		43	952	.02	41	73
34-12-0073	488548	144498	6-65	4	305	15,695	3.97	623	20	11,523	3.97	458	11-72		30	599	.00	24	44
34-12-0073	564739	139597	12-67	2	305	18,240	4.29	782	22	12,135	3.92	476	12-72		38	498	.10	33	48
34-13-0116	465764	141776	1-64	7	302	15,660	4.05	635	9	12,240	4.18	512	9-72		36	689	-.03	23	47
34-13-0116	470758	140414	7-64	7	304	17,961	3.99	716	17	13,747	4.02	552	11-72		35	580	.01	24	44
34-13-0116	486388	141776	3-65	5	303	15,584	4.38	682	10	13,144	4.10	539	7-72		36	572	.02	26	45
34-13-0116	495784	141776	11-65	5	305	15,536	4.11	639	8	12,188	4.12	502	9-72		36	677	-.02	24	48
34-13-0116	505317	141776	8-66	3	305	18,743	3.27	613	10	12,996	4.13	537	5-72		34	975	-.17	16	53
34-13-0116	520275	134071	8-67	3	305	19,360	4.18	809	18	14,720	4.00	589	4-72		42	601	.02	26	46
34-32-0004	484053	126555	6-65	5	304	18,346	3.92	719	13	13,380	4.03	539	4-72		43	1,085	-.05	36	74
34-32-0004	493963	118619	12-65	5	305	18,484	4.22	780	13	13,476	4.01	541	7-72		44	1,021	.02	43	78
34-32-0004	542813	132685	8-68	3	305	19,707	4.00	788	17	14,517	4.12	598	10-72		40	599	.01	25	45
34-39-0107	484352	126555	6-65	3	304	15,133	3.84	581	10	12,390	4.12	511	4-72		41	743	-.06	21	48
34-41-0010	425371	118783	5-61	9	301	13,717	3.86	530	16	11,803	4.00	472	3-72		42	640	.00	25	47
34-41-0010	553817	148460	10-69	1	305	16,770	4.60	771	8	10,940	3.87	423	9-71		29	811	.09	45	71
34-41-0142	476284	125472	12-64	4	305	19,218	3.57	687	17	13,295	4.13	549	5-72		43	907	-.10	22	55
34-78-0137	473409	126555	8-64	6	301	17,638	3.62	639	10	12,987	4.03	524	7-72		43	1,033	-.10	28	65
34-78-0137	553986	125640	11-68	1	305	15,160	4.33	657	10	13,700	4.05	555	6-72		35	466	.07	28	42
34-78-0137	553991	125640	3-69	1	305	14,720	4.42	650	10	12,740	4.14	527	8-72		35	490	.07	29	44
35-11-0035	542153	138150	5-69	2	305	16,430	3.94	648	13	12,715	3.85	490	1-73		34	544	.03	26	44
35-20-0646	495138	144118	9-65	6	305	17,355	4.25	737	9	13,850	3.97	550	12-72		37	720	.08	39	62
35-20-0646	502615	135487	5-66	3	305	16,477	3.64	599	6	11,797	4.02	474	6-72		41	753	-.10	16	44
35-20-0646	541298	150692	3-69	2	300	14,830	4.01	595	10	12,110	3.92	475	12-72		36	488	.05	26	42
35-23-0038	402409	132005	1-60	6	305	19,940	4.00	798	18	13,905	4.14	576	3-72		32	995	-.01	38	72
35-23-0038	482304	138150	3-65	6	299	15,906	4.25	676	27	13,448	4.20	565	12-72		39	488	.05	26	42
35-23-0063	434250	124403	8-59	3	305	18,326	4.46	817	19	13,630	4.11	560	7-72		38	842	.05	40	66
35-23-0063	531020	148819	6-68	2	305	18,935	4.50	853	21	14,400	3.95	569	1-73		25	617	.10	38	57
35-23-0063	552612	143612	1-70	1	91	18,030	3.96	714	18	13,160	4.08	537	1-73	B	33	599	-.02	21	42
35-23-0254	525110	138150	11-67	3	305	17,536	3.89	682	11	14,213	4.01	570	4-72		37	503	.01	25	45
35-23-0515	568677	125640	12-69	2	305	15,145	3.73	565	6	11,660	4.13	481	3-73		40	654	.00	26	48
35-27-0012	518787	137095	9-67	3	305	18,387	3.65	671	46	12,613	4.10	517	11-72		41	616	-.03	21	43
35-27-0012	526787	107915	1-68	3	305	18,797	4.01	753	38	12,787	4.09	523	9-72		42	722	.04	34	58
35-27-0012	544384	152029	2-69	2	300	18,120	4.11	745	36	12,740	4.13	526	10-72		34	604	-.01	23	44
35-28-0017	493111	140881	1-66	4	264	19,378	3.99	774	20	13,708	4.17	572	10-72		34	850	-.01	33	62
35-28-0017	533847	144692	8-68	2	305	18,425	3.91	721	22	15,680	4.16	652	3-72		32	747	-.01	28	54
35-28-0017	548983	147610	5-69	2	305	18,800	3.75	705	26	13,840	4.21	582	1-73		25	657	-.06	18	42
35-28-0017	554932	139273	11-69	1	305	17,580	4.41	775	27	14,830	4.12	611	12-72		34	605	-.01	23	44
35-28-0362	560448	144692	1-70	1	305	14,910	4.29	639	11	11,840	4.27	506	6-72		26	641	.03	30	51
35-28-0362	565593	139618	9-70	1	305	16,720	4.24	709	10	11,170	3.99	446	2-73		26	524	.04	26	43
35-33-0040	542937	147173	7-68	3	305	15,606	3.59	561	11	10,553	4.04	426	1-73		33	682	-.08	17	42
35-33-0411	488307	118619	4-65	5	290	14,800	3.89	575	12	11,224	4.07	457	1-73		44	775	-.04	25	52
35-33-0411	494236	139665	10-62	5	305	15,796	4.10	647	11	10,766	4.18	450	8-72		36	667	.01	28	51
35-35-0008	493825	139536	1-66	4	305	17,605	3.85	677	8	12,045	4.13	498	3-72		40	788	-.05	25	53
35-38-0010	420631	133187	12-60	3	305	15,907	4.03	641	10	10,533	3.93	414	10-72		32	602	.04	29	49
35-42-0050	501833	144952	2-66	4	305	18,675	3.81	712	15	11,335	4.07	461	5-72		30	1,074	-.04	37	75
35-42-0050	543759	137095	2-69	2	305	18,295	3.91	716	13	11,180	3.88	434	12-72		38	643	.04	31	52
35-42-0066	502554	134882	11-62	3	305	13,933	3.72	518	15	9,900	3.83	379	12-71		35	653	-.02	24	47
35-45-0525	420110	133175	1-61	9	277	16,467	4.10	675	11	12,121	4.07	493	1-73		35	671	.02	29	52
35-45-0525	469958	118619	3-64	1	305	16,270	3.99	649	18	13,500	3.79	512	5-72		35	619	-.01	23	44
35-45-0525	563907	148487	11-70	1	305	14,610	3.88	567	15	12,460	3.91	487	10-72		26	551	.02	25	43
35-54-0054	481451	118619	11-64	4	305	16,993	4.08	694	16	12,720	4.30	547	4-72		43	885	-.03	31	62
35-54-0054	481452	118619	1-65	6	304	14,862	3.98	591	17	12,105	4.22	511	7-72		44	692	-.04	22	47
35-54-0054	547321	151731	5-69	2	305	20,745	4.10	850	14	12,690	4.16	528	10-72		29	1,309	.01	54	99
35-54-0054	547322	151731	6-69	2	293	19,550	4.34	848	12	13,755	4.18	575	11-72		29	1,061	.05	49	84
35-54-0054	547323	151731	7-69	2	279	15,775	4.35	686	13	14,260	4.14	591	2-73		29	555	.04	28	46
35-54-0054	547329	151731	11-69	2	305	19,300	4.25	821	14	12,185	4.16	507	11-72		29	1,183	.03	52	92

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	D	C O W REPT (%)	MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-54-0054	560389	151731	4-70	1	305	18,590	4.36	811	16	13,790	4.10	566	2-73		23	816	.05	39	$ 66
35-54-0054	560390	151731	8-70	1	303	19,520	3.66	714	16	13,790	4.08	562	1-73		23	900	-.04	31	63
35-54-0054	568200	151731	10-70	1	305	26,240	3.88	1017	16	13,790	4.10	566	2-73		23	1,508	-.02	58	110
35-57-0009	569995	139273	3-71	1	305	16,780	4.02	675	11	12,260	3.84	471	2-73		34	702	-.03	24	49
35-57-0043	497823	143480	11-65	5	296	18,338	3.63	666	14	13,358	3.92	524	3-72	B	32	811	-.06	24	53
35-57-0045	450798	139767	2-63	6	305	22,122	3.86	853	17	13,930	3.85	537	6-72		32	1,338	-.02	51	97
35-57-0045	505408	143835	9-66	4	303	18,582	3.97	737	19	14,040	3.84	539	6-72		39	655	.03	30	52
35-57-0045	520536	131528	9-67	4	305	19,295	3.79	731	20	13,765	3.79	522	1-73		43	777	.00	31	58
35-59-0043	577264	154625	9-70	1	305	19,960	3.75	749	14	12,030	4.05	487	3-73		19	741	-.03	25	51
35-59-0080	450230	109953	7-62	7	304	18,934	3.59	679	15	14,001	3.97	556	4-72		42	830	-.07	24	54
35-59-0080	512674	139536	1-67	3	305	19,960	3.86	770	21	15,053	3.93	591	3-72		39	737	-.03	25	51
35-59-0080	554912	135487	3-70	1	305	17,950	4.18	751	22	13,250	3.93	521	11-72		35	619	-.04	20	42
35-61-0026	525165	149572	11-67	3	305	17,173	4.16	714	7	13,537	4.06	549	4-73		29	542	.03	25	43
35-62-0022	527806	139282	10-67	4	305	17,775	3.88	690	18	12,265	4.07	499	3-73		42	646	-.04	21	44
35-63-0061	462498	125472	12-63	7	305	18,363	3.64	668	11	13,193	3.98	525	4-73		44	840	-.08	23	53
35-66-0004	445101	121273	11-62	5	305	19,572	4.26	834	23	15,458	3.98	615	6-72		36	648	.08	36	57
35-66-0004	445102	121212	9-62	6	305	19,547	4.33	846	14	14,372	3.97	571	1-72		36	897	.07	45	74
35-66-0004	458971	121212	3-63	7	297	16,997	4.39	747	16	14,674	4.01	589	3-73	B	36	480	.07	29	44
35-66-0004	486233	138707	10-64	5	305	18,324	4.11	753	19	15,510	4.06	629	1-73		32	535	.02	24	42
35-66-0004	486234	118619	12-64	6	298	16,542	4.05	670	16	14,677	3.91	574	10-72		44	642	.00	26	48
35-66-0004	490839	118619	1-65	5	305	17,642	4.35	768	16	15,684	4.00	628	3-73		44	681	.04	33	55
35-66-0004	506028	149653	11-66	4	305	20,228	4.07	824	17	14,970	4.00	599	1-73		30	868	.02	37	66
35-66-0004	507898	144591	11-66	3	305	21,196	3.87	820	12	15,666	4.01	628	7-72		32	784	-.03	27	55
35-66-0004	520887	118619	3-67	2	305	20,350	4.51	918	19	16,940	4.02	681	5-72		40	808	.06	40	66
35-66-0004	520888	118619	4-67	3	305	24,473	4.04	989	26	15,733	3.94	620	5-72		42	1,450	.00	58	108
35-66-0004	560894	150198	2-70	1	305	20,430	4.10	838	8	14,570	3.96	577	10-72		23	708	.01	30	54
35-66-0004	560905	150198	6-70	1	305	19,550	3.84	751	11	13,240	4.17	552	3-73		23	725	-.04	24	50
35-68-0052	408629	135041	9-60	5	296	16,794	4.34	729	16	13,708	4.18	573	2-72		32	521	.05	27	44
35-68-0052	555054	150501	10-68	2	304	17,545	4.54	796	17	13,720	4.14	568	4-72		25	510	.08	31	47
35-68-0154	406231	107915	4-60	8	300	18,601	4.51	839	22	15,021	4.01	602	5-72		44	547	.13	39	55
35-68-0154	410867	129884	6-60	8	293	17,464	4.04	705	17	12,939	4.09	529	10-72		36	668	.02	29	51
35-68-0154	478362	118619	7-64	4	305	17,278	3.77	652	16	12,535	4.04	507	3-72		43	939	-.06	29	62
35-68-0154	522652	110327	10-67	3	305	19,933	3.74	746	32	13,830	4.05	560	8-72		41	887	-.09	23	55
35-68-0154	552828	142759	5-69	2	305	18,500	4.51	834	39	13,785	4.08	563	3-73		38	651	.03	30	52
35-69-0224	569466	136140	12-69	1	305	24,460	3.62	885	13	13,490	4.12	556	11-72		35	1,087	-.16	21	62
41-08-9004	502236	118619	11-64	6	304	16,982	3.85	654	9	13,782	4.12	568	10-72		44	793	-.06	24	52
41-08-9004	571324	146292	5-68	3	305	18,693	3.94	737	13	13,813	4.10	567	1-73		39	700	.02	30	54
41-23-0025	534831	147922	11-68	1	305	17,330	4.30	746	7	11,770	4.05	477	3-73		19	511	.03	25	42
41-28-9009	470361	118619	3-64	6	296	15,808	3.74	591	13	12,498	3.92	490	12-72		44	774	-.05	24	52
41-28-9026	470917	134882	10-63	6	305	19,653	4.43	870	8	13,313	4.02	535	5-72		38	1,130	.09	58	95
41-28-9026	508885	134882	7-66	5	305	17,370	4.37	759	8	14,516	4.02	583	3-73		38	659	.07	36	57
41-40-0154	538245	148460	9-68	1	303	15,340	3.77	579	18	12,270	3.73	458	11-72		29	604	.02	27	47
41-40-0154	542879	148460	5-69	1	305	19,070	3.33	635	12	13,690	3.62	496	3-73		29	820	-.03	29	58
41-40-0154	561823	135681	9-70	1	305	20,290	3.41	692	9	11,580	3.85	446	9-72		33	965	-.10	25	60
41-40-9019	545569	148460	4-69	2	305	15,375	3.75	577	9	11,405	4.10	468	7-72		34	748	-.01	28	54
41-42-9026	525702	130709	11-67	3	305	17,203	4.26	732	20	12,313	4.09	503	12-72		42	610	-.01	23	44
41-42-9026	550132	143612	8-69	2	305	19,800	4.02	796	13	13,640	4.02	549	3-73		38	868	.00	34	64
41-46-0020	421278	125273	2-61	7	305	17,346	4.20	729	14	12,117	4.07	493	1-72		36	759	.06	39	64
41-46-9025	439335	114408	4-62	7	305	16,262	4.00	651	12	11,957	4.03	482	2-72		42	714	.02	31	55
41-46-9457	530212	147259	5-68	2	305	19,220	4.21	809	23	13,910	4.23	588	6-72		29	623	.02	28	49
41-46-9457	572995	152198	4-70	2	299	21,140	4.05	856	7	13,585	3.97	539	2-73		32	853	.04	39	67
41-52-0021	473640	143737	9-64	5	305	20,028	4.00	801	8	13,342	4.02	536	12-72		35	1,055	.01	43	79
41-55-9174	475955	118619	1-65	6	299	16,768	4.05	679	12	13,557	4.08	563	8-72		44	789	-.02	29	56
41-55-9174	508507	126555	8-65	6	291	16,272	3.91	636	19	14,655	4.01	588	1-73		43	678	-.05	20	44
41-66-0210	530852	131528	2-66	4	305	19,175	3.94	755	5	13,335	4.06	541	5-72		43	805	.00	32	60
41-66-0295	477740	118619	9-64	6	299	15,990	3.38	540	6	12,007	3.97	477	5-72		44	849	-.11	19	50
41-66-0295	533474	148460	6-68	2	305	15,525	4.08	633	14	12,215	4.27	522	12-71		34	692	.02	30	53
41-66-0295	533475	148460	8-68	3	300	16,393	3.67	601	15	11,313	4.04	457	2-73		37	928	-.03	33	65
41-82-0154	534812	144118	8-68	3	305	16,297	4.09	666	6	13,143	4.22	554	12-72		34	608	.02	27	47
41-85-0210	498637	139631	5-66	5	304	18,468	3.94	728	6	12,656	4.01	508	2-73		41	786	.00	31	58
41-85-0409	502341	118619	5-66	4	305	19,085	4.29	819	22	12,883	4.11	529	10-72		43	1,130	.02	48	86
41-85-9385	541195	150549	1-69	1	305	16,460	4.05	667	7	12,440	3.87	481	3-72		24	682	.00	27	50
42-03-0038	498774	118619	10-65	5	305	15,156	3.47	526	12	12,068	3.89	470	7-72		44	734	-.08	18	45
42-03-0075	479009	144914	11-64	5	293	15,570	3.94	614	10	11,134	4.04	450	2-72		35	586	-.01	22	42
42-03-0075	514541	147407	1-67	4	302	15,372	3.98	612	8	10,727	4.03	432	3-73		35	647	.02	28	50
42-03-0082	565502	125640	10-70	1	305	14,430	3.91	564	11	10,340	4.10	424	9-72		35	613	.03	29	49
42-06-0082	502389	135055	5-62	2	305	19,015	3.98	757	10	13,660	3.88	530	2-73		25	702	.01	30	54
42-06-0102	510006	141777	11-66	2	305	15,610	4.09	639	8	11,840	4.12	488	12-72		35	655	.01	27	49
42-08-0004	436909	118142	8-61	7	303	17,134	4.09	701	8	12,021	4.04	486	2-72		41	634	.04	31	52
42-09-0038	483337	125472	1-65	5	305	16,758	4.10	687	9	13,494	3.96	535	6-72		44	599	.00	24	44
42-09-0038	498263	125472	8-65	5	304	17,204	3.80	653	9	12,714	4.01	510	1-73		44	739	-.06	22	48
42-14-0012	532770	143723	4-68	3	305	15,026	3.58	538	13	12,396	4.03	499	2-73		36	695	-.09	16	42
42-14-0012	532772	143723	7-68	3	299	14,863	3.84	570	16	12,226	4.06	496	12-72		36	692	-.06	20	45
42-16-0055	556719	118619	5-70	1	305	21,800	3.75	817	15	14,000	3.92	549	4-72		35	1,006	-.04	34	69
42-22-0002	502247	141843	10-65	5	305	17,136	4.39	753	7	11,952	4.22	504	3-73		37	732	.07	39	62
42-22-0017	396574	99988	10-59	9	305	17,491	3.98	696	21	13,213	4.16	550	8-72		44	648	-.01	24	46
42-22-0017	462550	139536	12-63	7	304	17,838	4.22	752	16	13,268	4.20	557	12-72		41	717	.00	29	53
42-22-0017	496022	118619	1-66	5	305	16,888	4.27	721	19	13,376	4.14	554	8-72		44	823	.01	34	62
42-22-0134	484845	118619	2-65	6	299	14,960	4.12	617	20	12,338	4.16	513	12-72		44	680	-.02	25	49
42-22-0134	484846	118619	2-65	6	301	15,380	3.97	610	17	12,392	4.16	515	3-73		44	729	-.04	24	50
42-23-0054	479625	118619	12-64	6	304	14,795	3.92	580	13	12,978	3.79	492	4-72		44	592	-.01	22	43
42-23-0054	485962	118619	5-65	6	301	17,497	3.37	589	10	12,272	3.85	473	8-72		44	1,018	-.11	26	63
42-23-0054	527717	135487	4-68	3	305	18,427	3.59	662	11	12,967	3.93	509	4-73		41	872	-.11	20	52
42-23-0054	552913	151062	9-69	2	297	17,795	3.97	707	16	12,210	3.94	481	9-72		25	694	.00	28	52
42-31-0036	453971	132823	3-63	6	304	16,861	3.84	647	12	13,418	3.94	528	1-73		41	664	.00	26	49

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION.. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C D	REPT (%)	C O W I N D E X.... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
42-31-0115	500225	145006	2-66	4	305	15,022	4.15	623	6	11,177	4.10	458	7-72		35	702	.00	28	$ 52
42-31-0115	536496	145006	11-67	2	305	16,535	3.53	583	9	12,145	4.07	494	1-73		30	715	-.09	17	43
42-31-0115	536497	145006	11-67	4	304	15,057	3.68	554	9	11,620	3.94	458	2-73		35	656	-.06	18	42
42-31-0115	536498	145006	11-68	3	305	16,870	3.75	632	9	12,303	4.00	492	3-73		33	798	-.06	24	53
42-31-0115	536505	145006	3-68	3	305	14,863	3.79	563	6	10,740	4.07	437	11-72		33	696	-.05	21	46
42-31-0115	552860	145006	9-69	2	305	15,480	4.08	631	11	12,120	4.03	488	2-73		30	592	.00	23	43
42-33-0066	448736	136268	10-62	8	297	16,571	3.95	654	33	12,131	4.02	488	9-72		36	713	-.01	27	52
42-33-0066	493359	144962	9-65	5	303	17,582	3.35	589	18	11,884	4.12	490	9-72		36	864	-.14	15	48
42-33-0066	538611	149838	8-68	3	298	17,803	3.95	703	16	12,926	3.98	514	3-73		32	701	.00	28	52
42-38-0054	434066	116769	12-61	5	305	19,278	3.40	655	11	11,752	3.93	462	2-72		44	948	-.17	14	50
42-38-0087	507331	124403	10-66	2	257	14,530	4.23	615	9	10,080	4.03	406	9-71		35	672	.00	27	50
42-38-0087	549029	153291	9-69	1	305	17,060	3.82	651	11	11,110	4.03	448	8-72		24	770	-.01	29	56
42-38-0087	549031	153291	10-69	1	291	16,330	3.89	635	10	10,290	4.06	418	11-72		24	764	-.01	29	55
42-45-0009	529723	150549	3-68	4	302	17,072	3.51	600	7	13,875	3.75	520	4-73		34	780	-.07	22	50
42-45-0009	535177	150549	10-68	2	305	17,420	3.64	634	8	11,910	4.04	481	9-72		29	940	-.07	28	62
42-45-0009	560845	150549	6-70	1	295	16,280	3.47	565	5	12,290	3.90	479	10-72		24	677	-.07	18	43
42-45-0009	570328	150549	1-71	1	305	19,520	3.51	685	7	12,750	3.97	506	1-73		24	934	-.08	27	61
42-46-0024	488895	118619	7-65	5	302	14,962	3.73	558	28	12,932	3.73	483	3-72		44	618	-.03	21	43
42-46-0024	507474	144067	6-66	4	301	17,833	3.80	677	38	13,123	3.76	493	12-72		33	727	.00	29	54
42-46-0024	507484	147363	10-66	4	305	17,467	3.64	635	28	12,830	3.76	483	4-73		33	760	-.05	24	51
42-49-0039	545600	151853	3-69	1	305	18,430	3.98	734	8	10,170	3.94	401	5-72		19	737	.00	30	55
42-50-0005	479066	118619	8-64	6	305	15,135	3.86	584	8	11,603	4.14	480	12-72		44	780	-.05	24	52
42-50-0006	490542	118619	10-64	5	305	15,214	4.09	623	14	12,932	4.08	527	11-72		44	651	-.01	24	47
42-50-0006	534457	135487	6-68	2	305	18,550	3.57	662	11	13,595	4.08	555	3-72		39	767	-.12	14	43
42-54-0018	543543	135487	12-68	3	299	17,060	3.62	618	15	12,660	3.99	505	1-73		41	741	-.10	16	44
42-54-0018	553701	135487	5-69	3	288	16,230	4.00	650	15	12,447	3.98	496	4-73		41	663	-.05	20	44
42-71-0036	521283	147033	8-67	4	303	17,628	3.57	630	11	12,750	3.97	506	1-73		30	743	-.08	19	46
42-71-0036	558816	151543	8-70	1	305	18,490	3.89	719	14	11,870	4.06	482	7-72		24	733	-.03	25	51
42-71-0037	414012	118619	2-61	8	300	15,913	3.86	615	8	11,421	3.98	454	7-72		44	900	-.04	31	63
42-71-0037	517305	131528	7-67	3	305	16,740	3.90	653	16	11,480	4.15	476	8-72		42	648	-.01	24	46
42-71-0037	546555	148609	6-69	1	305	17,450	4.11	717	8	11,170	3.89	434	11-71		26	528	.08	32	48
42-72-0019	457033	118619	4-63	5	305	15,498	3.76	583	11	12,268	3.96	486	3-72		44	758	-.05	24	51
42-72-0019	501390	136140	6-66	3	305	18,670	3.68	687	15	13,697	3.96	543	11-72		42	827	-.14	14	45
42-82-0054	518161	151918	5-67	2	305	17,240	4.04	696	10	12,180	3.97	483	6-72		25	627	.01	27	48
42-82-0054	550584	151917	7-69	1	305	18,130	4.00	726	16	12,920	4.03	496	9-72		22	697	.00	28	52
42-82-0054	553266	151917	5-69	1	305	18,450	4.24	783	9	12,860	3.80	489	2-73		22	687	.05	34	56
42-82-0054	563049	151917	3-70	1	305	18,990	3.83	728	13	12,640	3.81	481	1-73		22	752	-.01	29	55
42-82-0054	563051	151917	5-70	1	305	19,230	3.61	695	9	12,860	3.80	489	2-73		22	758	-.03	26	53
42-82-0054	563052	151917	6-70	1	305	17,450	4.02	701	7	13,090	3.67	480	3-73		22	579	.03	27	46
42-82-0071	484389	118619	9-64	6	305	14,142	4.33	613	22	11,388	4.24	483	3-72		44	672	.01	28	51
42-82-0071	491888	141708	9-65	4	305	15,570	4.16	648	14	11,250	4.22	475	2-72		33	583	.01	25	45
42-82-0082	456039	136268	2-63	3	255	16,667	4.02	670	12	12,207	3.92	478	7-72	B	33	653	.01	27	49
42-82-0084	436509	118619	7-61	8	305	14,489	4.15	601	12	12,231	4.19	512	3-72		44	630	-.02	23	45
42-82-0084	564595	153291	2-71	1	305	18,440	4.24	781	17	10,200	4.15	423	11-72		24	959	.03	42	74
42-82-0084	564597	153291	3-71	1	305	16,800	4.22	709	14	10,500	4.13	434	1-73		24	791	.03	35	62
42-82-0084	572563	153291	3-71	1	305	14,810	4.27	632	10	11,170	4.11	459	3-73		24	565	.03	26	48
42-84-0050	473728	118619	11-64	4	305	13,650	3.99	544	24	11,593	3.87	449	8-72		43	581	-.01	22	42
42-84-0050	569697	159802	8-68	2	304	18,270	3.62	661	25	12,210	3.88	474	8-72		25	754	-.05	23	50
42-84-0058	513099	147330	12-66	4	305	20,577	4.17	858	11	13,137	3.95	519	3-73		35	1,219	.07	59	99
42-84-0058	522675	147330	10-67	3	305	15,670	4.14	648	13	13,313	3.87	515	3-72		33	479	.07	29	44
42-84-0058	536296	147330	8-68	3	305	16,890	4.02	679	12	13,186	3.86	509	3-73		33	655	.06	34	55
42-84-0058	543672	151543	2-69	2	305	17,700	3.52	623	8	11,895	4.00	476	8-72		30	819	-.09	21	51
42-84-0058	549490	154243	8-69	2	302	18,255	3.96	722	16	12,915	3.94	509	12-72		25	681	.00	27	50
42-84-0058	549495	151543	8-69	2	305	18,095	3.86	699	16	12,510	3.97	497	10-72		30	807	-.03	28	56
42-84-0058	553829	143612	1-70	1	305	19,860	3.76	748	17	12,190	3.93	479	9-72		33	804	-.04	27	55
42-84-0058	561809	151543	12-68	3	305	18,900	3.61	682	14	13,960	4.01	560	3-73		33	835	-.08	22	52
42-84-0108	501266	143103	10-65	5	304	17,940	3.40	610	11	13,434	3.77	506	11-72		41	695	-.07	18	43
42-84-0108	552984	139273	12-69	2	285	21,050	2.86	602	28	14,600	3.90	570	11-72		38	1,050	-.21	13	54
42-84-0108	556620	150148	12-69	1	305	22,670	3.74	848	30	15,960	3.78	603	3-72		19	700	-.01	26	50
42-84-0108	556622	150148	8-68	2	305	29,075	3.43	996	15	14,788	3.81	564	6-72		25	1,861	-.12	87	128
42-85-0275	547356	143612	8-69	2	203	19,700	3.86	764	5	15,505	3.95	613	2-73	B	38	700	-.02	25	49
42-94-0004	375225	118619	8-58	6	305	15,602	4.34	677	13	12,678	4.12	522	1-72		44	728	.02	32	56
42-94-0004	456421	141776	6-63	7	305	18,098	3.78	685	29	14,321	4.02	576	11-71		36	803	-.07	22	51
42-94-0004	479624	152823	12-64	6	301	17,423	3.86	673	17	13,326	3.90	520	4-72		41	752	.00	30	54
42-94-0004	488470	118619	2-65	4	305	16,975	3.99	677	26	14,785	4.04	598	12-72		43	677	-.02	24	48
42-94-0004	501339	139385	6-63	3	305	19,680	4.13	812	30	14,767	4.03	595	2-72		29	759	.03	34	59
42-94-0004	514755	138750	6-67	4	305	18,638	4.03	751	32	14,383	4.13	594	1-73		43	828	-.06	28	55
42-94-0004	525687	118619	2-68	3	305	17,470	3.96	695	23	14,680	4.03	591	3-72		42	732	-.02	26	52
42-94-0004	538931	125640	11-68	2	305	15,760	4.30	677	33	14,410	4.05	584	5-72		40	492	.07	29	44
42-94-0004	554646	118619	9-69	1	305	19,740	3.69	728	28	14,890	4.04	602	2-72		35	797	-.06	24	53
42-94-0004	558083	149301	10-68	2	305	19,380	3.75	726	29	14,580	4.07	593	5-72		29	700	-.06	20	45
42-94-0004	565438	118619	8-70	1	305	17,260	4.15	717	31	13,840	4.13	572	6-72		35	673	-.01	25	48
42-94-0004	565456	138750	10-70	1	305	19,170	4.12	789	30	14,650	4.10	600	11-72	B	35	661	-.05	20	44
42-94-0004	570474	143723	10-70	1	305	18,970	3.90	739	34	14,770	4.12	608	1-73		28	796	-.05	25	51
42-94-0004	583269	135487	7-70	1	305	21,230	3.80	807	31	13,190	4.25	561	8-72		35	875	-.10	22	54
42-94-0005	495536	144332	8-65	5	305	14,640	4.13	604	10	11,656	4.05	472	7-72		36	560	.00	23	42
42-94-0010	492067	143173	8-65	5	305	16,828	3.82	643	6	13,072	3.79	496	8-72		36	714	-.03	24	49
42-94-0010	496324	143173	1-66	5	305	16,280	3.55	578	8	12,564	3.76	473	12-72		36	698	-.08	17	42
42-96-0101	491741	138032	1-66	5	293	15,568	4.03	628	8	11,438	4.21	481	10-72		36	658	.01	27	49
42-96-0133	479650	118619	12-64	5	305	15,628	4.19	655	9	12,176	4.14	504	9-72		44	784	.00	31	58
43-20-0008	482306	138150	4-65	2	305	16,795	3.98	668	37	13,025	3.96	516	12-71		34	557	.03	26	44
43-20-0008	499294	141907	1-66	5	289	21,186	4.01	849	24	14,278	4.03	576	11-72		36	1,232	-.01	48	90
43-20-0008	506835	130709	7-66	4	291	18,115	3.85	698	32	12,758	3.97	507	1-73		43	717	-.06	20	46
43-20-0008	507698	130709	12-66	3	305	20,033	3.66	733	27	12,767	3.95	504	3-72		42	897	-.09	23	56
43-20-0008	507699	130709	11-66	3	305	20,193	3.90	787	27	12,777	3.98	508	6-72		42	915	-.06	28	61

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	REPT	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
43-20-0008	536477	130709	12-68	2	301	21,640	4.07	880	37	12,340	4.01	495	11-72	40	992	-.03	35	$ 70
43-23-0037	366366	106795	12-57	4	305	16,515	4.17	688	11	11,943	3.88	463	5-72	35	744	.04	35	60
43-33-0042	506665	143929	7-66	5	298	15,898	4.09	651	28	12,306	4.10	505	9-72	35	681	.00	27	50
43-33-0042	534979	150693	10-68	3	299	18,446	3.86	712	33	14,653	3.84	563	3-73	32	617	.01	26	47
43-33-0042	552435	135057	10-69	2	298	19,550	3.65	714	41	14,055	4.01	563	12-72	36	699	-.07	18	43
43-70-0009	565156	125640	12-70	1	305	15,090	4.04	609	7	13,010	4.00	520	12-72	35	502	.05	26	42
43-75-0123	489072	118619	1-65	6	285	13,682	4.15	568	15	11,252	4.15	467	7-72	44	627	-.01	24	46
45-02-0004	461502	118619	9-63	5	305	14,602	4.08	596	9	11,478	4.16	477	4-72	44	723	-.02	26	51
45-02-0004	462553	118619	10-63	7	305	15,933	3.97	633	10	12,364	4.15	513	2-73	44	804	-.04	27	55
45-02-0004	528026	136140	12-67	3	301	17,733	3.72	660	13	11,860	4.06	482	11-72	42	889	-.14	16	50
45-02-0004	563601	125640	9-70	1	305	14,960	3.63	543	10	10,470	4.03	422	10-72	35	646	.01	27	49
45-09-0042	428720	118619	1-62	8	304	21,981	4.13	907	9	15,195	4.15	630	5-72	44	1,298	-.01	51	96
45-09-0042	432498	118619	2-62	8	303	20,104	4.10	825	8	14,773	4.20	620	9-72	44	1,097	-.02	41	79
45-09-0042	521954	136140	12-67	4	298	20,570	3.87	797	7	15,118	4.13	624	3-73	43	958	-.13	20	56
45-09-0042	528206	118619	4-68	3	294	17,413	3.86	673	6	14,927	4.08	609	8-72	42	703	-.05	22	47
45-09-0042	542236	148551	5-69	1	100	19,570	4.26	833	10	16,320	4.03	657	8-71 B	26	566	.05	29	47
45-09-0042	547797	136140	7-69	2	305	21,680	3.50	758	7	15,710	4.10	644	2-73	40	903	-.19	10	45
45-09-0042	556730	136140	12-69	2	305	19,700	4.08	803	7	14,990	4.11	616	2-73	40	759	-.10	17	45
45-09-0042	558137	135487	5-70	1	305	20,960	4.07	853	7	14,720	3.89	573	8-72	35	760	-.04	25	52
45-51-0051	545160	148460	7-69	2	276	14,390	4.32	622	6	10,930	4.17	456	6-72	34	680	.05	34	56
46-06-0003	570180	143723	10-70	1	305	14,130	3.69	522	14	10,830	3.90	421	11-72	28	653	-.06	18	42
46-17-0001	515223	144647	1-67	4	299	16,587	3.96	657	6	12,572	4.19	527	5-72	33	697	-.03	24	48
46-17-0001	527612	144647	8-67	3	302	17,326	4.05	701	8	12,236	4.24	519	10-72	32	801	-.01	30	58
46-17-0001	556335	149439	11-69	1	305	16,490	4.03	664	12	13,040	4.05	528	4-72	24	586	.00	24	44
46-26-0039	505053	141777	7-66	2	296	14,185	3.66	519	9	10,150	4.08	414	12-71 B	35	647	-.04	20	43
46-52-0043	514256	144320	2-67	4	304	16,515	3.93	649	8	11,535	3.92	452	10-72	33	832	.01	34	62
46-60-0028	531927	150954	5-68	3	305	14,940	4.34	649	18	11,060	4.18	462	8-72	33	546	.05	28	46
47-01-0022	463152	118619	1-64	5	305	17,252	3.96	684	7	14,124	4.08	576	8-72	44	793	-.03	27	55
47-01-0022	487768	125472	12-64	5	305	19,454	4.02	782	8	15,294	4.05	620	1-72	44	763	-.02	28	54
47-01-0022	487769	125472	4-65	4	305	18,528	4.05	750	10	14,488	4.13	598	10-72	43	702	-.02	25	50
47-01-0022	529820	118619	3-68	3	305	16,180	4.05	656	10	14,240	4.10	584	8-72	42	623	-.02	22	44
47-20-0009	538266	151022	12-68	3	305	17,516	4.28	750	5	14,213	4.12	586	4-73	34	558	.04	28	46
47-34-0013	510487	135487	9-66	4	305	16,508	3.73	615	11	12,358	4.10	507	8-72	42	737	-.11	15	43
47-48-0043	505278	125472	10-64	6	301	16,175	4.72	763	13	12,965	4.27	553	1-72	44	579	.07	32	50
47-48-0043	526177	126555	11-66	5	296	13,192	4.97	655	23	11,670	4.40	513	11-72	43	587	.06	31	50
47-55-0003	519318	135487	8-67	3	302	14,500	4.15	602	7	10,490	4.20	441	12-72	41	644	-.04	20	43
47-56-0088	496772	140297	3-65	5	304	16,320	4.12	672	7	13,218	3.74	495	10-72	32	508	.06	28	44
47-56-0088	501183	122242	5-66	2	225	17,025	4.25	723	34	13,585	4.09	555	12-72	35	743	.00	30	55
47-70-0034	526298	149516	3-68	3	305	16,360	4.10	671	23	9,993	4.01	401	11-72	37	615	.03	29	49
47-71-0020	443916	118619	7-62	7	282	14,930	4.03	602	6	11,950	4.16	497	9-72	44	717	-.03	25	50
47-71-0024	453518	118619	12-62	8	301	16,670	4.16	694	8	13,395	4.02	539	7-72	44	793	.01	33	60
47-71-0024	468201	117219	5-64	6	302	17,225	4.06	700	28	12,551	4.11	516	11-71	42	600	-.01	23	44
47-71-0024	488120	118619	8-65	5	302	15,800	4.19	662	27	12,894	4.12	531	9-72	44	732	.00	29	54
47-71-0024	510940	135487	9-66	4	304	19,183	3.82	732	25	12,373	4.28	530	9-72	42	1,072	-.11	28	67
47-71-0024	520644	135487	7-67	4	301	18,590	3.77	701	30	12,240	4.30	526	9-72	42	1,011	-.12	24	61
47-71-0024	548374	135487	8-69	2	295	17,120	3.87	663	33	11,470	4.32	496	10-72	39	795	-.09	19	48
47-71-0024	548375	135487	7-69	2	305	19,530	4.14	808	28	11,640	4.39	511	8-72	39	1,030	-.06	33	70
47-71-0024	561720	135487	9-70	1	299	16,880	4.01	677	17	10,120	4.18	423	2-73	35	729	-.06	21	47
48-05-0075	486675	140390	8-65	5	304	15,054	3.74	563	10	11,312	3.94	446	2-73	36	725	-.03	25	50
48-05-0075	524887	147903	12-67	2	305	16,655	3.66	609	14	11,010	3.91	430	2-73	30	628	-.04	20	42
48-14-0010	448469	124652	10-62	7	305	17,047	4.32	736	31	12,634	4.23	535	9-72	44	513	.05	27	44
48-14-0010	479290	140390	10-64	6	299	15,838	4.31	682	31	12,225	4.25	519	12-72	36	733	.04	34	58
48-14-0010	480882	140390	9-64	5	297	15,060	4.50	677	26	12,506	4.24	530	4-72	36	586	.06	32	51
48-14-0010	494047	140390	2-66	5	300	14,462	4.26	616	31	11,936	4.31	515	11-72	36	565	.02	25	44
48-34-0026	525727	148460	3-68	2	305	14,505	4.03	584	6	12,150	3.99	485	10-71	34	584	.03	27	46
48-34-0045	477814	118619	11-63	7	303	16,076	3.66	588	15	13,750	3.87	532	2-73	44	678	-.06	19	43
48-34-0045	478576	140390	7-64	5	303	17,974	3.73	671	18	12,966	3.93	509	9-71	36	960	-.03	34	68
48-34-0045	511209	147207	9-66	4	305	17,285	3.97	686	10	13,382	4.02	538	11-72	35	789	.00	31	58
48-34-0045	511212	147207	12-66	4	305	18,332	3.61	662	8	12,000	3.85	462	5-72	35	1,098	-.06	36	75
48-34-0045	511213	147207	1-67	5	295	18,214	3.83	697	6	14,900	3.85	573	2-73	36	767	-.01	29	56
48-34-0045	530627	147207	8-67	2	305	20,255	3.78	766	7	14,760	3.83	566	2-72	30	926	-.01	35	67
48-34-0045	530628	147207	8-67	3	302	15,963	3.76	600	5	12,753	3.83	489	6-72	33	644	-.02	23	45
48-34-0045	530629	147207	8-67	3	305	15,796	4.18	660	9	13,206	4.00	528	10-72	33	573	.03	27	46
48-34-0045	530632	147207	9-67	3	304	16,123	4.16	670	10	13,290	4.00	531	10-72	33	608	.03	28	48
48-34-0045	530636	147207	12-67	3	299	15,670	4.28	671	10	13,230	3.94	521	9-72	33	553	.05	29	47
48-34-0045	530638	147207	3-68	3	305	19,430	3.94	766	11	14,560	3.92	571	12-72	33	915	.00	37	68
48-34-0045	538998	147207	8-68	2	295	17,435	4.33	755	8	12,635	4.00	506	8-72	30	793	.05	39	65
48-34-0045	539004	147207	12-68	2	305	20,095	3.73	749	10	13,195	4.06	536	10-72	30	1,056	-.05	35	72
48-34-0045	539006	147207	1-69	2	292	17,960	4.20	754	5	12,625	3.76	475	5-72	30	856	.06	42	70
48-44-0163	486851	140390	9-65	5	276	14,808	3.87	573	10	12,076	3.97	479	5-72 B	36	599	-.01	23	44
48-44-0163	521515	126555	12-67	3	241	17,370	3.55	617	18	15,290	3.88	593	7-72 B	41	733	-.09	17	44
48-71-0057	465323	118619	11-63	6	272	13,120	4.53	594	8	11,575	4.00	463	1-72	44	520	.05	27	44
48-84-0029	438654	138741	6-62	5	305	15,002	3.91	586	18	10,872	4.00	435	4-72	32	597	-.01	22	43
51-04-9170	524062	148648	1-68	3	305	18,190	4.01	730	41	11,450	4.00	458	8-72	29	925	.01	38	69
51-05-9132	449419	137095	1-63	6	305	15,850	4.73	750	42	12,000	4.31	517	4-72	43	430	.13	34	46
51-05-9132	469779	140685	4-64	7	304	15,081	4.25	641	46	11,767	4.31	507	12-72	36	520	.04	26	43
51-05-9132	489730	144147	8-65	6	299	17,340	4.01	695	35	13,142	4.15	546	2-73	32	680	-.02	25	49
51-05-9132	569805	135104	10-70	1	305	18,770	4.12	774	40	13,220	4.26	563	3-73	31	585	.00	24	44
51-07-0462	541780	152113	3-69	3	305	16,893	4.17	704	37	13,833	4.24	587	3-73	32	592	.03	28	48
51-17-9018	521093	148705	8-67	3	305	14,943	4.00	597	26	9,546	4.03	385	8-72	31	848	-.01	32	61
51-17-9018	530609	148705	4-68	3	305	13,666	3.79	518	23	9,670	4.05	392	9-72	31	658	-.04	21	44
51-17-9018	558222	148705	3-70	1	305	15,690	3.76	590	14	10,360	3.88	402	2-73	22	656	-.03	22	45
51-17-9018	560678	148705	5-70	1	305	15,650	3.73	584	13	10,080	3.98	401	12-72	22	672	-.04	22	46
52-07-6127	516357	141580	1-67	4	283	14,990	4.22	632	8	11,220	4.00	449	7-72	37	506	.07	30	46
52-29-0103	495667	125640	1-66	4	290	18,478	4.46	824	18	13,405	4.17	559	10-72 B	43	951	.10	92	82

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
52-29-0103	499953	126555	2-66	1	215	18,940	2.96	560	34	14,440	3.77	545	11-72	B	35	847	-.14	15	$ 47
52-29-0103	517946	142224	4-67	3	305	20,527	3.01	783	25	13,273	3.90	518	1-72		34	863	-.02	32	62
52-29-0103	533957	125640	8-68	3	239	17,693	3.73	660	25	13,297	3.69	491	2-73	B	42	835	.03	37	65
52-29-0103	543962	125640	4-69	1	298	16,420	3.69	606	32	12,450	3.87	482	8-72	B	35	636	.02	28	49
52-29-0103	554965	125640	8-69	2	162	16,730	4.05	677	19	15,165	3.84	582	11-72	B	40	529	.07	30	47
52-29-0103	560970	138750	4-70	1	305	17,610	4.03	709	31	12,720	3.94	501	7-72		35	660	-.05	19	43
52-29-0103	561042	138750	7-70	1	194	19,520	3.69	720	32	14,400	3.67	529	12-72	B	35	702	-.07	19	44
52-29-0103	566087	135487	8-70	1	202	20,580	3.58	736	34	14,330	3.75	538	11-72	B	35	754	-.09	18	46
52-29-0103	568910	125640	4-70	1	185	15,910	3.99	635	28	14,480	3.51	508	12-72	B	35	475	.08	29	44
52-56-0022	468424	114431	1-64	6	305	15,602	4.14	646	23	11,808	4.09	483	10-72		36	658	.01	28	50
54-19-0045	490138	118619	9-65	2	305	17,245	4.08	703	8	10,870	4.21	458	11-72		40	986	-.02	36	70
55-18-0027	489500	126555	10-65	5	300	16,858	3.81	642	7	14,134	3.92	554	4-72		43	810	-.05	25	54
55-28-0033	498673	145880	12-65	5	305	16,426	4.10	674	18	12,302	4.21	518	9-72		35	642	.00	26	48
55-28-0033	552194	139273	1-70	1	305	17,140	3.81	653	28	11,880	4.23	503	7-72		34	753	-.07	20	47
55-79-0053	562761	139273	7-70	1	305	16,390	3.49	572	11	10,980	3.79	416	9-72		34	750	-.08	19	46
57-53-0510	472214	141632	10-64	4	301	21,525	3.70	797	13	16,908	4.29	725	3-72		35	935	-.12	21	56
57-53-0512	455604	118619	6-63	6	304	14,545	3.85	560	14	12,575	3.86	486	1-72		44	601	-.02	21	42
57-53-0512	457986	139037	9-63	5	305	20,234	3.59	726	13	12,790	3.88	496	7-72		35	1,165	-.07	37	78
57-53-0521	485728	144692	8-65	6	305	19,383	4.20	814	15	15,735	4.03	634	2-73		37	954	.05	45	77
57-53-0521	540108	138750	3-69	2	303	22,300	3.36	750	15	15,290	3.70	566	3-72		40	1,040	-.13	24	62
57-53-0521	542587	141632	5-69	2	305	20,370	3.66	745	19	16,145	3.70	598	2-73		30	746	-.04	24	50
57-56-0506	521985	150943	12-67	1	305	19,870	3.43	681	49	15,640	3.50	547	2-73		24	659	-.06	18	42
57-56-0506	521988	147172	12-67	3	305	18,153	3.62	658	41	14,383	3.67	528	3-72		33	696	-.04	23	48
57-56-0506	522389	146719	8-67	3	305	18,340	3.39	621	59	13,197	3.71	489	9-72		29	747	-.08	19	46
57-56-0506	524976	147349	10-67	2	305	17,785	3.69	656	57	13,140	3.65	480	9-71		31	674	-.03	23	47
57-56-0506	528635	135434	2-68	3	305	20,230	3.41	689	53	14,036	3.66	513	2-73		37	651	-.04	20	43
57-56-0506	534739	150943	12-68	2	305	20,265	3.66	742	52	14,690	3.72	546	2-72		29	924	-.05	30	63
57-56-0506	543248	125640	12-68	2	305	22,080	3.55	783	42	14,615	3.62	529	12-72		40	1,120	.00	45	83
57-56-0506	558282	154714	5-70	1	305	20,870	3.41	711	47	13,550	3.81	516	6-72		22	765	-.11	16	44
57-56-0506	561367	125640	3-70	1	305	16,420	3.71	610	48	13,650	3.78	516	6-72		35	564	.03	27	46
57-69-0502	462143	102073	3-64	6	305	15,668	4.03	632	7	11,033	4.21	465	8-72		38	571	-.01	22	42
58-03-0042	499623	118619	2-65	3	305	17,000	4.13	702	49	12,333	4.01	494	8-72		42	896	.00	36	67
58-03-0042	522273	146693	9-67	4	304	15,992	4.22	675	39	12,682	4.00	515	12-72		36	529	.07	30	47
58-03-0042	524966	147349	12-67	2	304	17,735	3.94	699	49	13,010	3.94	513	7-72		31	680	-.02	25	49
58-03-0042	524969	147349	8-67	3	295	16,473	3.95	650	32	12,920	4.03	521	2-72	B	34	588	-.02	21	42
58-03-0042	524978	147349	11-67	3	304	18,273	3.68	672	51	12,546	3.90	489	8-72		34	865	-.06	27	58
58-03-0042	529555	118619	10-67	3	305	15,487	4.03	624	47	12,820	3.92	503	12-72		42	675	-.01	26	49
58-03-0042	564172	125640	5-70	1	305	18,010	3.85	694	56	12,650	3.87	489	6-72		35	744	.04	35	60
58-03-0042	588118	138750	6-70	1	305	22,540	3.60	811	57	12,560	3.89	488	6-72		35	1,042	-.10	28	66
58-08-0045	446270	114431	9-62	6	296	17,145	3.67	630	26	13,965	3.80	530	12-72		36	631	-.04	20	42
58-08-0045	504483	126555	4-66	4	304	17,838	3.50	625	24	15,220	3.48	530	12-72		42	814	-.06	24	53
58-08-0045	514856	147172	1-67	3	305	19,627	3.34	655	25	14,680	3.51	515	9-72		33	861	-.08	24	55
58-08-0045	538087	146947	6-68	2	305	15,910	3.64	579	38	14,290	3.51	501	10-72		38	681	-.02	25	49
58-08-0045	540647	125640	1-69	1	305	22,670	2.85	646	34	15,050	3.62	545	1-72		35	951	-.07	28	62
58-08-0045	540648	125640	12-68	2	302	18,240	3.56	649	37	15,200	3.52	535	2-72		40	680	.03	31	54
58-08-0045	540650	146947	2-69	2	305	21,380	3.48	745	38	15,240	3.54	540	5-72		38	1,178	-.05	40	81
58-08-0045	543487	125640	12-68	2	305	17,690	4.01	709	39	14,860	3.51	521	6-72		40	652	.09	38	58
58-08-0045	552034	148347	10-69	2	305	19,940	3.39	675	31	15,490	3.56	551	1-73		29	723	-.05	22	48
58-08-0045	558371	138750	4-70	1	305	21,710	3.22	700	25	15,800	3.51	554	1-73		35	783	-.11	16	45
58-09-0027	542237	138750	4-69	2	305	20,210	3.21	649	21	14,170	3.80	538	4-72		40	918	-.15	16	51
58-09-0027	556511	139273	1-70	2	300	17,490	3.29	576	28	13,900	3.74	520	1-73		38	737	-.11	15	43
58-09-0027	556512	139273	3-70	1	305	17,900	3.75	671	25	12,850	3.79	487	8-72		34	751	-.05	23	50
58-09-0027	560836	139273	6-70	1	305	20,250	3.07	622	23	13,200	3.77	497	7-72		34	911	-.13	18	52
61-10-0045	530548	125640	6-68	2	296	14,735	3.77	555	18	13,345	3.44	459	7-72	B	40	474	.06	27	42
61-10-0045	561779	125640	6-70	1	185	18,570	3.41	633	12	15,410	3.39	522	10-72	B	35	620	.02	28	49
61-24-0066	511330	144283	10-66	3	305	17,663	3.91	691	12	13,550	4.01	544	5-72		33	604	-.01	23	44
61-24-0066	532233	125640	9-68	2	305	18,160	4.07	739	20	14,835	3.86	572	5-72		40	702	.07	37	60
61-24-0066	537232	125640	9-68	3	305	18,830	4.00	754	20	14,237	4.08	581	2-73		42	880	.04	40	69
61-24-0066	551469	125640	10-69	2	305	16,865	3.85	650	16	15,130	4.02	608	4-73		40	546	.02	25	43
61-25-0043	536209	148882	7-68	2	305	17,325	3.44	596	12	11,990	3.59	430	6-72		25	657	-.05	19	43
61-30-0023	453789	115176	5-63	6	305	15,573	3.83	597	17	11,105	4.04	449	9-71		42	608	-.01	23	44
61-30-0023	468443	115176	6-63	7	303	17,048	3.84	654	18	11,400	4.05	462	2-73		42	774	-.01	29	56
61-30-0023	491629	144242	12-65	5	305	16,926	3.55	601	16	11,688	4.04	472	11-72		35	713	-.08	18	44
63-09-0010	496277	135101	7-65	5	272	21,260	3.66	778	8	15,166	3.78	574	5-72		41	950	-.03	34	67
63-25-0018	469658	135101	3-64	6	299	16,231	4.02	652	9	12,698	3.76	477	2-72		41	528	.04	27	44
63-32-1009	383601	126179	11-58	6	305	18,998	3.92	745	6	11,143	4.02	448	10-72		32	1,196	-.01	46	87
63-32-1012	570028	138750	1-71	1	305	20,590	4.04	831	5	15,840	4.09	648	2-73		35	696	-.06	20	45
64-05-0115	522737	148347	12-67	3	305	15,270	4.34	662	23	12,400	4.10	508	10-72		32	499	.05	27	43
64-05-0115	522752	148347	5-67	4	303	15,050	4.25	639	23	12,215	4.10	501	8-72		34	513	.04	26	43
64-05-0115	523419	148347	12-67	2	305	17,025	4.59	782	16	13,455	4.21	566	2-72		29	569	.08	33	51
64-05-0115	534792	148347	10-68	2	305	19,075	4.05	773	15	15,730	4.10	645	2-73		29	597	.01	25	45
64-05-0115	534794	148347	11-68	2	305	19,765	4.18	826	15	15,730	4.10	645	2-73		29	679	.03	31	54
64-51-0101	518968	146689	4-67	4	303	17,392	3.97	691	24	13,435	4.12	553	12-72		34	626	-.01	24	46
72-58-0018	514220	131096	5-67	4	300	16,888	3.71	626	11	11,033	3.78	417	1-73		42	582	.01	24	44
73-36-0027	491869	135487	11-65	5	299	15,770	3.98	628	15	11,868	4.04	479	3-73		43	710	-.05	21	46
73-36-0027	511951	145079	12-66	4	298	15,005	4.19	629	13	11,240	4.00	450	4-73		34	496	.05	26	42
73-36-0027	541019	143723	9-68	1	305	16,390	4.03	660	22	12,410	4.21	523	9-72		28	738	-.04	24	50
73-37-0023	501812	145583	3-66	4	305	20,665	4.11	850	15	16,665	3.97	662	6-72		30	729	.04	34	58
73-49-0010	524027	143873	1-68	3	281	18,353	3.65	670	22	13,960	3.92	547	6-72		31	663	-.05	20	44
74-10-0219	447596	139053	10-62	5	288	18,292	4.05	741	23	15,190	3.75	569	12-72		32	571	.05	30	48
74-10-0219	492102	126555	8-65	4	301	17,593	3.69	650	60	14,748	3.74	552	11-72		42	831	-.06	25	55
74-10-0219	503268	140359	7-66	2	305	20,290	3.71	753	57	15,180	3.69	560	3-72		25	709	-.02	26	51
74-10-0219	519268	143612	9-67	4	225	17,892	4.26	763	36	14,307	4.38	627	2-73	A	41	687	.00	27	51
74-10-0219	525562	148404	11-67	1	301	18,220	4.17	760	82	14,150	3.92	555	10-72		25	618	.04	30	50
74-10-0219	525563	148404	12-67	3	305	17,520	4.22	739	35	13,260	3.91	519	4-72		33	789	.06	40	66

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION COW NUMBER	REGISTRATION SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T G D	REPT (%)	INDEX MILK (LB)	INDEX FAT (%)	INDEX FAT (LB)	INDEX DOLLARS
74-10-0219	525564	148404	1-68	1	305	18,790	3.94	740	63	15,180	3.81	579	4-72		25	596	.02	27	$ 47
74-10-0219	535022	148404	7-68	3	299	15,553	4.39	683	37	13,053	3.98	520	7-72		33	549	.08	32	49
74-10-0219	548972	148551	8-69	2	305	20,890	3.44	718	84	14,270	3.78	540	10-72		31	1,017	-.06	32	68
74-10-0219	550705	140875	8-69	2	305	20,070	3.56	715	71	13,945	3.72	519	10-72		32	793	-.05	25	53
74-10-0219	551335	147049	8-69	1	305	20,090	3.58	719	80	14,410	3.88	559	5-72		27	657	-.06	18	42
74-10-0219	551340	147049	11-69	1	305	20,360	3.78	769	69	14,760	3.80	561	3-72		27	656	-.02	23	46
74-10-0219	555006	148404	12-69	2	305	18,915	3.83	725	82	14,830	3.80	563	1-73		30	746	.01	31	56
74-10-0219	555007	148404	12-69	2	305	17,390	3.90	678	67	14,865	3.78	562	3-73		30	564	.03	26	45
74-10-0219	555008	148404	1-70	1	305	18,550	3.82	709	75	14,790	3.79	561	2-72		25	602	.01	25	45
74-10-0219	559747	148404	5-70	1	305	17,890	3.94	705	73	13,680	3.94	539	7-72		25	622	.02	27	48
74-10-0219	559749	154881	6-70	1	305	21,290	3.83	816	80	13,720	3.95	542	7-72		19	739	-.02	27	53
74-10-0219	565506	125640	9-70	1	305	17,420	4.08	710	97	15,060	3.85	580	1-73		35	554	.06	30	48
74-10-0219	569864	141776	2-71	1	305	23,640	3.73	882	99	14,980	3.86	578	1-73		26	1,028	-.06	33	69
74-10-0219	578458	125640	4-70	1	305	17,270	3.68	635	82	14,960	3.84	575	2-73		35	549	.02	25	43
74-10-0225	524351	150890	9-67	3	305	21,517	3.34	718	24	15,750	3.53	556	2-73		29	909	-.08	25	58
74-10-0225	546408	148487	6-69	1	305	17,590	4.29	754	28	15,600	3.67	572	7-72		26	591	.09	35	53
74-10-0225	553308	152121	11-69	2	305	22,240	3.08	686	27	16,085	3.54	570	2-73		25	864	-.13	17	49
74-10-0225	555073	125640	3-70	1	305	18,080	3.78	683	39	15,360	3.68	565	10-72		35	586	.04	29	48
74-10-0225	555690	147610	5-69	2	305	21,710	3.30	717	36	15,760	3.54	558	8-72		25	830	-.08	22	52
74-10-0229	551087	138750	11-69	1	305	20,270	3.64	738	16	14,280	3.82	545	5-72		35	766	-.09	19	47
74-10-0230	552809	143612	11-69	1	305	20,630	3.85	795	5	17,210	3.53	608	5-72		33	549	.01	23	42
74-15-0131	471873	143398	4-64	6	299	17,192	3.66	629	18	12,442	3.84	478	9-72		32	745	-.04	24	50
74-15-0131	479677	125472	1-63	4	305	16,508	3.90	644	12	12,878	3.80	489	8-72		43	611	-.02	22	43
74-15-0131	492233	118619	11-64	3	305	20,370	3.82	779	12	13,780	3.71	511	6-72		42	1,154	-.02	43	83
74-15-0131	492236	140762	6-64	6	305	17,547	3.48	611	9	12,413	3.80	472	2-73		36	798	-.08	21	50
74-25-0173	457289	139774	6-63	7	305	17,151	4.18	717	24	13,468	4.04	544	3-73		36	625	.04	30	51
74-25-0173	495863	139774	11-65	5	304	19,518	4.00	781	26	14,512	4.11	597	7-72		36	854	.00	34	63
74-25-0173	514812	145860	9-66	4	305	22,365	3.99	893	22	14,737	4.11	606	8-72		35	1,152	-.01	44	84
74-25-0173	544538	139774	7-68	3	305	19,956	3.96	791	23	13,443	4.07	628	4-73		33	732	.00	29	54
74-25-0173	549878	139774	9-69	1	305	19,840	4.32	857	23	15,300	4.08	624	2-72		24	511	.05	27	43
74-25-0173	562487	145860	6-70	1	305	22,090	4.12	911	23	16,640	4.12	686	9-72		24	554	.01	24	43
74-25-0202	527299	144653	1-68	3	305	19,050	3.74	713	20	14,120	3.97	560	3-72		32	761	-.05	23	50
74-25-0202	539776	125640	11-68	3	291	16,883	3.71	626	21	14,800	3.88	574	12-72		42	600	.02	26	46
74-25-0202	546469	139273	8-69	2	305	17,635	3.88	684	19	12,685	4.04	512	8-72		38	854	-.06	26	57
74-25-0202	551178	125640	2-70	1	305	18,260	3.93	718	32	15,020	3.91	587	2-72		35	620	.04	30	50
74-25-0202	551790	125640	7-70	1	305	18,940	3.95	749	13	13,560	3.60	488	2-73		35	759	.06	39	64
74-25-0202	563516	125640	10-70	1	305	18,570	3.62	672	20	13,610	3.87	527	11-72		35	728	.01	31	56
74-40-0006	525565	148404	2-68	4	305	18,517	3.96	734	30	13,147	3.95	519	4-73		35	982	.01	41	74
81-07-9622	515198	124396	1-67	3	305	17,650	4.09	722	12	11,856	4.06	481	11-71		39	645	-.01	25	47
81-07-9622	541371	146292	11-68	2	298	18,875	3.68	695	8	13,695	4.00	548	2-73		36	658	-.01	25	48
81-24-0741	507050	135099	10-66	3	305	18,323	3.99	731	37	14,773	4.03	595	3-72		35	623	-.01	23	45
81-24-0741	560110	125640	3-70	1	305	22,910	3.90	894	13	13,570	3.99	542	10-72		35	1,059	.03	46	82
81-24-0741	560364	125640	4-70	1	305	20,100	3.99	801	11	14,230	3.97	565	11-72		35	807	.04	38	65
81-24-0741	560366	125640	4-70	1	305	16,930	4.01	679	11	14,230	3.97	565	11-72		35	567	.05	29	47
82-36-0258	409363	122242	9-60	8	296	14,269	4.18	596	6	11,658	3.95	461	5-72		40	654	.01	27	49
82-36-0258	562002	139273	4-70	1	291	16,530	3.82	632	7	12,000	3.74	449	11-72		34	698	-.04	22	47
84-03-0025	527042	148551	1-68	2	305	19,565	4.74	643	28	11,230	4.29	482	10-71		31	445	.08	28	42
84-03-0101	501005	144692	7-66	3	305	19,126	4.09	783	29	13,620	4.03	549	12-71		34	1,095	.03	48	85
84-03-0101	524170	149534	1-68	2	305	17,990	4.35	782	38	14,335	4.35	623	9-72		30	608	.03	28	48
84-03-0101	527916	148236	5-68	2	305	20,025	3.95	791	26	15,150	4.16	630	6-72		25	679	-.02	24	48
84-03-0101	540003	150201	4-68	3	305	20,017	4.36	873	32	15,310	4.26	652	11-72		29	745	.05	36	60
84-03-0101	549949	149534	11-69	1	305	18,860	4.26	803	34	13,880	4.24	589	8-72		24	608	.02	27	47
84-03-0101	551847	139273	6-69	2	305	19,835	3.70	733	36	16,260	4.07	661	3-72		38	785	-.09	19	48
84-03-0101	556720	149605	1-70	2	305	22,030	3.74	824	42	16,290	4.10	668	2-73		30	871	-.08	24	56
84-03-0101	561572	125472	1-66	2	305	19,085	4.38	836	33	16,390	4.02	659	4-72		40	514	.03	25	42
84-03-0101	564869	154873	1-71	1	305	24,460	3.72	910	28	16,400	4.10	673	3-73		19	836	-.05	26	56
84-03-9224	531976	125640	4-68	1	305	20,970	4.30	902	27	15,200	4.45	676	11-72		35	814	.05	39	66
84-03-9224	541509	148551	12-68	3	305	18,083	4.00	723	30	13,996	4.30	602	2-73		34	769	-.02	28	55
84-03-9224	542894	151022	10-68	3	305	17,893	4.38	783	32	14,386	4.29	617	12-72		34	590	.04	29	48
84-03-9224	549349	125640	2-69	1	305	17,030	4.60	783	37	14,009	4.38	613	7-72		35	589	.08	34	52
84-03-9224	549832	148551	9-69	2	305	17,565	4.51	792	21	14,325	4.38	627	12-72		31	623	.05	32	52
84-03-9224	549833	148551	10-69	2	305	18,065	4.40	794	23	14,400	4.37	629	1-73		31	674	.04	32	54
84-03-9224	549834	148551	11-69	1	305	21,090	4.09	863	30	14,220	4.21	598	4-72		26	845	.02	36	65
84-03-9224	551366	148551	9-69	1	305	17,460	4.47	780	17	13,200	4.35	574	11-71		26	600	.05	30	50
84-03-9224	551369	148551	1-70	2	305	17,270	4.55	786	22	14,880	4.29	639	4-73		31	536	.07	30	47
84-03-9224	560326	156617	7-69	2	239	21,040	3.89	818	36	15,020	4.32	649	2-73	B	25	820	-.06	25	54
84-03-9224	562113	148551	5-70	2	305	17,100	4.35	744	26	14,860	4.29	638	3-73		31	518	.03	25	42
84-04-9047	499781	117640	9-65	5	260	18,724	3.87	724	45	15,438	3.92	605	3-72		36	583	-.01	22	42
84-04-9047	527613	144647	8-67	3	305	19,440	3.84	746	17	15,203	3.89	591	2-72		32	766	-.02	28	55
84-04-9047	541113	135099	4-69	3	287	19,310	3.83	739	12	16,107	3.86	622	3-73		35	612	-.03	21	42
84-04-9047	549233	139273	10-69	2	302	20,410	4.04	824	22	15,525	3.99	620	10-72		38	906	-.03	32	64
84-04-9047	556484	138750	11-69	2	305	24,455	3.68	899	19	16,945	3.81	645	2-73		40	1,125	-.09	33	73
84-04-9047	556486	125640	3-70	1	305	20,060	3.82	767	11	14,660	3.80	557	6-72		35	778	.04	36	62
84-04-9047	562147	125640	11-70	1	305	16,790	4.22	708	18	15,380	4.07	626	11-72		35	487	.06	27	42
84-04-9047	562148	138750	4-70	2	305	22,125	3.74	827	19	15,750	3.96	624	12-72		40	985	-.09	27	63
84-04-9047	565956	125640	7-70	1	305	19,560	4.53	886	15	14,060	3.97	558	8-72		35	777	.10	45	69
84-08-0056	488593	118619	11-65	5	305	18,772	3.72	699	24	12,928	4.02	520	4-72		44	1,116	-.07	35	75
84-08-0056	515397	149305	9-66	3	305	16,806	3.96	665	19	12,376	4.06	502	8-71		32	621	-.01	24	45
84-08-0056	515408	149306	1-67	4	305	17,010	3.27	557	21	11,650	3.99	465	12-72		33	794	-.13	14	44
84-08-0056	534949	148551	11-68	2	305	17,955	3.41	612	24	11,000	3.95	434	1-73		31	980	-.07	29	64
84-37-9012	514109	141607	12-66	3	305	18,460	3.91	721	20	13,890	3.81	529	1-72		29	685	.00	28	51
84-37-9012	523556	148550	9-67	1	305	19,140	3.89	744	9	13,160	3.91	515	12-72		19	577	-.01	22	42
84-37-9012	557566	139273	1-70	1	305	21,110	3.77	795	27	13,560	3.90	529	6-72		34	955	-.06	30	64
85-02-9015	511208	147207	9-66	3	299	14,366	4.34	623	17	12,356	3.92	484	4-72		33	472	.06	27	42
85-02-9015	519994	148519	11-67	1	305	18,240	3.87	705	46	13,060	4.04	527	9-72		22	705	-.02	25	50

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD	T C D	REPT (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
85-02-9015	527040	148551	1-68	2	305	18,785	3.92	736	35	12,830	4.15	533	10-72		31	906	-.02	34	$ 65
85-02-9015	534349	147070	7-68	1	305	19,820	4.00	792	48	13,470	3.99	537	6-72		23	698	.01	29	53
85-02-9015	534361	148519	11-68	1	305	17,700	3.99	707	28	14,080	3.89	548	4-72		22	581	.01	24	44
85-02-9015	539133	148551	12-68	1	305	18,340	3.72	682	29	14,190	3.90	554	4-72		26	608	-.01	23	44
85-02-9015	539661	147070	1-69	1	305	18,250	4.44	811	42	13,090	4.01	525	8-72		23	583	.07	32	51
85-02-9015	539664	148519	1-69	1	287	17,860	3.92	700	56	13,450	3.99	537	6-72		22	642	-.01	24	46
85-02-9015	544608	148519	2-69	1	305	18,220	3.59	655	30	13,460	3.80	512	4-73		22	674	-.04	21	45
85-02-9015	546919	152870	5-69	1	305	20,600	3.86	795	42	13,320	3.84	512	1-73		22	701	-.01	27	51
85-02-9015	551670	152339	1-70	2	295	18,920	3.80	719	29	13,660	3.84	525	4-73		28	782	-.02	29	56
85-02-9015	553267	148519	3-70	1	305	18,460	3.94	727	54	13,450	4.01	540	7-72		22	696	-.01	26	50
85-02-9015	563400	152339	8-70	1	305	20,440	3.60	736	37	13,330	3.80	506	3-73		22	788	-.04	26	54
86-01-9165	456722	140966	6-63	4	305	20,988	4.04	848	100	16,338	4.11	671	10-72		30	818	.00	32	60
86-01-9165	460400	124403	7-63	7	295	18,991	3.84	729	55	14,780	4.11	607	6-72		40	867	-.06	26	57
86-01-9165	462144	124652	9-63	4	305	21,505	3.98	855	64	16,195	4.04	654	5-72		44	687	.00	28	51
86-01-9165	469455	130327	9-63	3	305	23,013	3.58	825	121	16,176	4.12	666	1-73		33	1,269	-.11	35	81
86-01-9165	475604	144279	12-64	4	305	21,800	4.04	881	98	15,895	4.15	660	10-72		35	957	-.04	33	67
86-01-9165	487688	138748	5-65	5	297	16,806	4.18	702	45	13,154	4.15	546	4-72		36	588	.02	26	46
86-01-9165	488103	143612	10-65	5	277	20,276	3.94	799	40	14,748	4.21	621	6-72		42	979	-.04	33	67
86-01-9165	489861	131528	7-65	2	301	21,190	4.04	856	108	16,560	4.12	683	12-72		40	617	.01	26	47
86-01-9165	492379	105449	11-65	5	249	19,944	4.23	843	64	15,600	4.12	643	6-72		42	520	.08	31	47
86-01-9165	496543	131528	3-66	5	299	20,254	4.30	870	99	16,340	4.11	671	1-73		44	667	.06	35	56
86-01-9165	500333	144692	6-66	5	302	20,838	4.30	896	67	17,018	4.16	708	10-72		37	1,017	.06	49	82
86-01-9165	505253	116497	7-66	4	305	22,065	3.78	835	89	16,090	4.10	660	2-72		35	875	-.05	28	59
86-01-9165	506796	144567	9-66	4	300	19,955	4.29	856	98	16,307	4.10	669	10-72		35	519	.06	29	45
86-01-9165	507679	141757	12-65	3	305	21,080	3.90	822	107	16,390	4.11	673	10-72		35	665	-.05	20	44
86-01-9165	510094	131528	11-66	4	305	21,855	4.15	906	74	16,508	4.09	675	8-72		43	823	.03	37	64
86-01-9165	510603	131528	12-66	4	299	21,373	4.09	874	91	16,490	4.06	669	3-72		43	765	.03	34	60
86-01-9165	510738	110327	10-66	4	305	21,868	4.06	888	86	16,643	4.10	682	8-72		42	898	-.04	30	62
86-01-9165	510821	143612	1-67	3	305	20,583	4.14	852	49	15,050	4.29	645	8-72		40	909	-.02	34	65
86-01-9165	512461	143612	2-67	4	296	18,535	4.30	797	111	16,585	4.08	677	1-73		41	536	.03	26	44
86-01-9165	512825	144149	3-67	3	305	20,550	3.98	818	115	16,487	4.08	672	2-72		29	687	-.01	26	50
86-01-9165	514201	131528	12-66	4	305	21,515	3.70	797	88	15,215	4.09	663	11-72		43	810	-.05	25	54
86-01-9165	516232	140540	3-67	4	299	19,702	4.23	833	103	16,672	4.08	681	1-72		35	538	.04	27	45
86-01-9165	518451	131528	12-66	4	305	20,945	4.10	859	86	16,498	4.06	670	4-72		43	711	.03	32	56
86-01-9165	519926	107915	8-67	4	300	20,530	3.99	820	92	16,080	4.11	661	8-72		43	657	.03	30	52
86-01-9165	520458	131528	11-67	3	300	19,987	4.07	813	112	16,393	4.06	666	1-72		42	569	.02	25	44
86-01-9165	520589	124403	7-67	3	296	22,573	4.05	914	103	15,823	4.12	652	2-72		38	1,152	-.02	43	83
86-01-9165	521185	131528	8-67	3	305	20,403	4.05	826	85	16,383	4.05	663	5-72		42	618	.02	27	48
86-01-9165	523049	130709	10-67	3	305	20,113	4.32	868	112	16,480	4.06	669	3-72		42	561	.00	23	42
86-01-9165	527499	131528	12-67	3	303	19,007	4.31	820	86	16,130	4.09	659	10-72		42	479	.06	27	42
86-01-9165	528063	149784	4-68	3	305	21,497	3.98	855	113	15,993	4.15	664	11-72		29	878	-.02	32	63
86-01-9165	528079	145862	2-68	3	305	21,663	3.59	777	92	16,600	4.07	676	6-72		33	725	-.10	15	42
86-01-9165	529019	135681	2-68	3	305	20,146	4.19	844	100	15,963	4.16	664	3-73		39	851	-.01	32	61
86-01-9165	529870	130709	12-67	2	305	28,615	3.98	1138	118	16,055	4.10	659	1-72		40	1,400	-.06	48	97
86-01-9165	534685	139232	7-68	2	305	22,705	3.51	798	120	16,185	4.13	669	12-71		34	791	-.10	18	47
86-01-9165	535263	145884	7-68	2	305	22,500	3.70	833	102	16,535	4.06	672	5-72		25	852	-.07	25	56
86-01-9165	536823	138750	12-68	2	305	20,290	3.79	769	132	16,690	4.10	685	1-73		40	721	-.10	16	43
86-01-9165	537266	131528	11-68	2	305	24,460	4.35	1063	105	16,355	4.14	677	1-73		40	967	.06	47	79
86-01-9165	537822	130709	1-69	2	305	22,280	3.73	830	118	16,165	4.11	664	1-72		40	745	-.10	16	44
86-01-9165	538366	143612	2-69	1	305	23,930	3.62	866	123	17,320	4.02	696	3-72		33	799	-.07	23	52
86-01-9165	544822	118619	8-69	2	305	19,235	4.08	785	119	16,475	4.14	682	11-72		40	732	-.02	26	52
86-01-9165	550845	139273	2-70	1	304	20,590	4.33	892	89	16,930	4.03	682	5-72		34	707	.00	28	52
86-01-9165	553594	143612	1-70	1	305	21,400	4.29	917	87	17,060	4.08	696	6-72		33	618	.02	27	48
86-01-9165	561526	143612	7-70	1	305	20,050	4.34	871	117	15,990	4.17	666	11-72		33	580	.01	25	45
86-01-9165	561927	143612	9-70	1	305	22,290	3.71	826	116	16,180	4.18	676	12-72		33	749	-.06	21	48
86-01-9165	561933	135487	12-70	1	305	20,230	4.25	860	75	15,890	4.20	667	3-73		35	632	-.04	20	42
86-01-9165	561936	153699	12-70	1	305	20,920	4.64	970	123	16,040	4.16	668	1-73		25	447	.12	33	46
86-01-9165	562687	131528	3-69	2	305	22,920	3.94	904	90	16,305	4.14	675	9-72		40	814	-.01	31	59
86-01-9165	569223	107915	10-70	1	305	21,160	4.48	949	102	15,950	4.18	666	2-73		35	464	.09	31	45
86-01-9165	570569	143723	8-70	1	305	20,910	3.81	796	120	16,050	4.17	669	11-72		28	874	-.07	25	56
86-01-9501	539970	147407	11-68	1	305	19,310	4.45	860	31	14,310	4.00	572	10-71		24	516	.09	32	48
86-01-9501	545412	149838	4-69	2	305	18,715	3.94	738	37	14,225	3.94	561	12-72		29	611	.00	25	46
86-01-9501	555697	148487	3-70	1	305	16,250	4.07	662	40	12,990	3.89	505	8-72		26	656	.04	32	54
86-01-9501	559922	148487	6-70	1	305	16,190	3.64	589	32	12,790	3.90	499	7-72		26	665	.00	26	49
86-01-9501	562807	148508	7-68	2	305	18,385	3.75	690	13	14,700	3.73	549	2-72		30	568	-.01	22	42
91-40-0005	571256	139273	1-71	1	299	21,070	3.43	722	22	16,960	3.78	641	12-72		34	742	-.09	17	44
91-50-5007	351098	104457	7-57	6	305	21,070	3.91	824	7	16,065	3.97	638	3-72		36	781	.00	31	58
91-50-5007	416536	128017	12-60	6	305	19,312	3.86	746	10	14,677	4.08	599	1-72		37	666	-.04	21	45
91-50-5007	511669	135681	10-66	4	303	19,230	3.78	726	18	15,502	4.03	625	7-72		41	814	-.07	23	52
91-50-5007	531052	148222	7-68	2	305	18,995	4.14	786	10	15,425	3.94	608	6-72		29	619	.01	26	47
91-66-0015	450698	109152	11-62	6	305	20,147	4.08	821	17	16,210	4.23	686	9-72		44	722	-.04	24	49
91-66-0015	480982	125472	6-64	6	305	19,648	3.97	781	18	16,532	4.20	695	8-72		44	659	-.05	20	44
91-66-0015	519884	147144	6-67	3	305	17,756	4.07	722	15	16,320	4.25	694	4-72		32	653	-.02	23	46
91-66-0015	519886	147144	8-67	4	305	21,325	4.34	926	16	15,850	4.23	670	1-73		33	1,238	.05	56	97
91-66-0015	519888	147144	7-67	4	305	22,947	4.01	920	16	16,057	4.19	673	4-73		33	1,450	-.02	55	105
91-66-0015	520031	147144	10-67	4	304	24,020	3.83	919	18	16,035	4.29	688	11-72		33	1,609	-.08	53	110
91-66-0015	520032	147144	11-66	4	305	21,605	4.11	889	15	16,370	4.18	684	10-72		33	1,218	.00	49	91
91-66-0015	520034	147144	9-67	3	305	19,886	4.10	815	15	16,610	4.26	708	11-72		32	912	-.02	34	66
91-66-0015	521348	147144	9-67	3	305	24,600	3.89	958	20	16,356	4.27	698	1-72		32	1,583	-.06	55	110
91-66-0015	530944	147144	10-66	3	305	18,066	4.37	790	20	15,903	4.22	671	11-71		32	741	.04	35	59
91-66-0015	530945	147144	11-67	3	305	19,160	4.00	766	14	15,473	4.19	649	1-73		32	937	-.02	34	67
91-66-0015	530946	147144	11-67	3	305	19,713	3.80	749	17	16,406	4.25	698	8-72		32	911	-.08	26	59
91-66-0015	530948	147144	2-68	3	304	18,226	4.18	762	13	16,303	4.20	684	6-72		32	719	.00	29	54
91-66-0015	530950	147144	3-68	3	305	22,223	4.75	1056	16	15,460	4.18	646	1-73		32	1,357	.14	74	117
91-66-0015	539230	147144	12-68	1	305	17,700	4.15	735	20	14,670	4.09	600	9-71		23	715	.01	30	54

TABLE 5. BROWN SWISS USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	COW INDEX MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
91-66-0015	562890	147144	1-70	1	305	17,530	4.03	707	13	15,690	3.99	626	3-72	23	626	.00	25	$ 46
91-66-0015	571726	125640	3-70	1	305	18,580	3.79	704	16	16,350	4.16	680	8-72	35	564	.01	24	43
91-70-5027	439371	135099	8-61	9	305	18,522	3.81	705	57	13,161	4.08	537	9-72	38	893	-.06	28	60
91-70-5027	469928	136570	3-64	5	305	15,708	4.56	717	15	13,290	4.08	542	12-71	36	511	.11	35	50
91-70-5027	496668	136570	5-66	5	305	16,900	3.60	609	13	13,606	3.97	540	1-73	36	652	-.05	19	42
91-70-5027	546628	136570	7-69	2	305	19,940	3.78	753	17	12,995	4.03	524	9-72	30	977	-.02	36	70
91-70-5027	560101	136570	7-70	1	305	18,770	3.88	729	17	13,950	3.96	553	11-72	24	606	.01	25	46
91-72-0030	536152	149554	9-68	3	285	19,693	3.88	765	7	14,110	3.73	526	4-73	32	877	.03	39	68
91-72-0031	533791	135099	5-68	3	265	18,367	3.80	698	35	14,230	4.05	577	3-73	35	685	-.05	20	45
91-72-5030	505274	148005	10-66	4	305	20,190	3.65	736	10	13,468	3.95	532	10-72	30	1,045	-.07	32	69
91-72-5030	541020	143723	4-69	2	305	18,095	3.76	681	9	13,795	3.62	499	9-72	33	893	-.03	32	63
91-72-5031	521798	126555	10-66	1	305	18,080	3.77	682	15	13,280	3.89	516	12-72	35	852	-.06	26	56
91-74-0212	461983	135602	1-64	3	305	18,770	4.02	755	6	13,920	4.11	572	1-73	34	737	-.01	28	53
91-74-5212	475642	125472	1-65	3	305	20,170	4.15	838	10	15,110	3.83	578	2-72	42	804	.03	36	63
91-74-5212	520996	147771	10-67	3	305	23,757	4.05	963	9	13,157	3.91	514	5-72	32	1,515	.01	62	114
92-03-0048	470493	110030	12-62	4	305	19,690	3.85	757	30	13,482	4.02	542	3-73	37	1,070	-.04	37	75
92-03-0048	542680	150013	3-68	3	305	17,783	3.91	695	26	13,630	4.02	548	3-73	34	675	-.03	23	47
92-03-0137	566425	139273	8-70	1	305	20,090	4.27	857	6	15,500	4.13	640	4-73	34	757	-.02	28	54
92-03-5048	470494	131221	11-62	4	305	18,587	3.69	686	28	13,695	4.09	560	4-72	37	718	-.07	19	45
92-03-5048	526827	146292	1-68	2	305	18,440	3.81	702	39	13,975	4.02	562	5-72	36	588	.00	24	44
92-03-5048	531603	135099	10-67	3	305	18,590	3.82	711	41	13,023	4.11	535	9-72	35	839	-.05	27	57
92-03-5048	542669	138316	5-67	3	305	17,270	4.20	725	38	13,556	4.09	555	4-72	34	504	.05	27	43
92-03-5137	503932	138316	1-65	4	268	20,605	3.97	818	21	14,355	4.21	604	9-72	35	919	.00	36	68
92-05-0026	536223	152020	8-68	3	289	17,380	4.32	751	82	13,580	4.13	561	3-73	29	567	.05	29	47
92-05-0026	559704	154503	3-70	1	305	20,530	4.20	863	44	14,540	4.12	599	3-73	19	604	.02	27	47
92-05-0026	564631	154503	8-70	1	305	19,360	4.64	899	40	14,320	4.10	587	1-73	19	510	.09	32	48
92-05-5026	371218	123323	12-57	10	298	16,191	3.94	638	95	12,217	4.01	490	8-71	43	788	-.06	24	52
92-05-5026	474741	140023	7-64	4	304	17,515	4.30	753	84	13,070	4.14	541	12-72	36	690	.04	33	56
92-05-5026	484278	132499	8-63	6	305	18,105	4.24	767	87	13,361	4.07	544	11-72	36	759	.04	36	61
92-05-5026	507048	135099	9-66	4	305	17,300	3.81	659	91	13,113	4.06	533	6-72	37	698	-.05	21	46
92-05-5026	559702	125640	3-70	1	305	14,060	4.25	597	101	10,920	4.17	455	7-72	35	550	.05	29	47
92-05-5026	561401	125640	5-70	1	305	14,340	4.17	598	113	11,850	4.18	495	10-72	35	515	.05	27	44
92-05-5026	564630	155618	8-70	1	305	18,590	4.20	781	96	12,120	4.22	511	11-72	19	604	.01	26	46
92-13-0102	410523	125275	11-60	2	305	22,280	3.77	839	5	15,180	3.96	601	4-72	25	961	-.04	33	67
92-16-5109	492943	142817	8-65	5	305	19,322	3.97	768	26	14,652	4.02	589	4-72	35	788	.00	32	59
92-16-5109	500148	126555	7-66	3	305	17,617	3.85	678	39	14,210	4.12	586	8-72	41	863	-.07	25	56
92-23-0114	547017	125640	11-69	2	295	19,780	4.08	807	9	14,685	4.00	587	12-72	40	879	.05	42	71
92-23-0172	535526	126555	3-66	1	305	20,540	3.80	780	6	15,740	3.91	616	3-72	35	889	-.05	28	60
92-23-0175	416192	118783	2-61	5	305	20,562	4.12	848	12	15,852	3.87	613	2-73	42	1,129	.06	53	90
92-23-0175	460997	109152	10-63	5	267	17,960	3.66	658	10	13,932	3.91	545	9-72	44	674	-.07	17	42
92-23-0175	465379	125472	4-64	5	304	17,332	4.34	752	9	14,620	3.93	575	11-72	44	557	.04	28	46
92-23-0175	488709	125472	8-65	6	305	20,562	3.67	755	8	15,955	3.86	616	2-73	44	839	-.07	24	54
93-10-0036	539935	149898	8-67	4	301	19,090	4.15	792	5	15,827	3.82	605	2-73	33	805	.07	41	67
93-10-0036	540338	149898	5-68	3	304	20,780	3.96	822	5	15,433	3.80	586	2-73	32	1,049	.02	45	80
93-10-0036	540339	149898	6-68	3	302	19,673	3.30	649	5	15,503	3.90	605	1-73	32	891	-.11	20	53
93-33-0189	442852	118619	10-61	5	305	14,676	4.03	591	8	12,698	4.00	508	2-72	44	605	-.02	22	43
93-33-0191	400499	119577	11-59	8	305	19,783	3.41	675	10	15,560	3.93	611	7-72	32	760	-.12	14	43
93-33-0191	431912	130327	10-61	9	305	18,563	4.02	745	8	15,300	3.90	596	2-73	36	815	.01	34	62
93-33-0191	515466	122242	4-67	4	302	20,918	3.60	754	7	14,855	3.90	579	3-73	39	1,189	-.09	35	78
93-33-0191	539958	143321	3-69	2	283	21,480	3.87	832	9	14,595	3.80	554	11-72	38	480	.06	27	42
93-33-0206	436103	109152	12-61	1	305	22,030	4.43	975	12	16,340	4.52	738	5-72	35	618	-.01	23	44
93-33-0206	495789	144707	1-66	2	302	20,840	4.15	864	9	16,665	4.28	713	2-73	25	629	.00	25	47
93-33-0206	566955	144488	7-70	1	305	22,250	4.18	929	9	16,300	4.26	695	2-73	31	560	.00	23	42
93-40-0020	497046	126555	1-66	4	305	14,055	3.75	527	25	11,788	3.64	429	2-73	42	683	-.04	22	46
93-50-0696	469452	130327	1-64	2	305	17,710	3.89	689	10	13,440	4.35	585	8-72	30	797	-.07	23	52
93-50-9598	464149	142989	10-63	8	301	18,515	4.02	744	46	14,913	4.21	628	12-72	32	641	-.02	23	45
93-50-9598	464929	139783	12-63	7	301	19,203	3.92	752	36	14,824	4.24	629	8-72	36	725	-.05	22	48
93-50-9598	466146	139783	2-64	7	305	18,223	4.05	738	36	14,460	4.26	616	9-72	36	622	-.03	21	43
93-50-9598	519623	131528	6-67	4	305	20,288	4.53	920	50	14,898	4.23	630	8-72	43	788	.09	44	69
93-50-9598	538378	146947	12-68	3	303	18,046	3.96	715	45	16,640	4.15	691	3-73	40	721	-.04	24	49
93-50-9598	543282	151871	1-69	2	305	20,955	3.81	798	49	16,035	4.17	669	4-72	29	835	-.05	26	56
93-50-9598	544860	151871	3-69	1	305	22,990	4.35	1001	47	14,960	4.24	634	11-71	23	940	.03	42	73
93-50-9598	548239	151871	9-69	2	305	20,525	4.16	854	42	15,925	4.16	663	12-72	29	794	.01	33	60
93-50-9598	548241	151871	10-69	1	305	21,250	3.68	782	52	15,890	4.16	661	4-72	23	715	-.06	20	46
93-50-9598	548244	152632	7-69	2	305	19,505	4.34	847	52	15,515	4.18	648	10-72	25	576	.05	29	48
93-50-9598	553108	151871	12-69	2	305	20,675	4.10	847	43	16,665	4.11	685	3-73	29	740	.00	30	55
93-50-9598	553113	151871	3-70	1	302	18,890	4.48	846	53	15,640	4.19	656	5-72	23	520	.04	26	43
93-50-9598	561848	154004	8-70	1	305	21,130	4.38	925	54	15,730	4.14	651	8-72	22	545	.07	31	48
93-50-9598	566158	155321	12-70	1	305	23,750	4.05	962	42	16,200	4.11	666	12-72	19	784	.01	32	59

TABLE 6. MILKING SHORTHORN USDA-DHIA HIGH RANKING COWS.

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	C O W I N D E X..... REPT (%)	MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
11-23-0026	319072	297126	8-65	4	303	13,590	3.56	484	14	7,930	3.64	289	5-72		30	784	-.02	27	$ 55
13-03-0018	339548	316751	12-68	2	304	12,965	4.64	601	8	9,720	3.71	361	9-72		25	392	.14	30	41
13-03-0018	344399	316751	9-69	2	303	14,885	4.17	620	6	11,080	3.54	392	2-73		25	497	.10	29	45
14-10-0011	295866	161052	10-61	6	303	12,500	3.71	464	11	9,663	3.74	361	1-73		37	483	.02	20	36
23-06-0046	243358	71726	2-57	10	300	12,044	3.62	436	9	9,479	3.59	340	8-72		36	347	.00	13	25
23-06-0046	318637	287030	11-64	5	300	13,776	3.41	470	10	10,534	3.51	370	12-72		32	516	-.03	16	34
23-06-0046	318638	288229	8-64	4	304	13,480	3.58	482	9	10,922	3.53	386	11-72		33	382	.01	15	28
23-06-0046	318640	287030	1-65	5	305	12,832	3.65	468	11	10,170	3.53	359	1-73		32	413	.02	17	31
23-06-0046	318641	287030	5-64	5	295	11,948	3.73	446	10	9,700	3.49	339	2-73		32	332	.04	16	27
23-21-0421	351442	272008	8-70	1	298	14,820	3.57	529	6	10,410	3.35	349	1-73		29	401	.00	15	29
23-37-0010	330731	315378	7-66	4	300	13,100	3.37	442	11	10,445	3.84	401	8-72		30	403	-.07	7	22
23-37-0010	331435	316547	11-66	2	305	11,960	3.99	477	13	10,425	3.81	397	3-72		30	370	.02	16	28
23-37-0010	333127	316547	8-67	3	203	13,133	3.45	453	10	11,167	3.62	404	3-73		33	461	-.05	12	29
23-37-0010	333130	316547	9-67	2	305	14,340	3.62	519	10	11,035	3.79	418	4-72		30	595	-.03	19	40
23-37-0010	337284	318628	12-67	2	305	13,130	4.11	539	14	10,020	3.75	376	3-72		30	387	.07	22	34
23-37-0078	350300	311770	1-71	1	305	11,060	3.76	416	5	9,900	3.52	348	1-73		28	475	.04	22	38
31-19-0060	323427	280661	4-65	6	305	11,963	3.61	432	10	9,900	3.68	364	11-72		32	309	.00	11	22
31-19-0060	333106	195525	5-67	4	304	12,010	3.66	439	9	9,955	3.76	374	11-72		40	426	-.01	15	30
31-19-0060	348278	195525	7-70	1	305	12,090	3.77	456	13	10,020	3.77	378	12-72		32	353	.00	13	25
31-68-0375	331594	195525	2-67	5	289	13,990	3.55	496	13	10,648	3.63	386	4-73		41	630	-.02	21	43
31-68-0375	340392	325801	11-68	2	305	14,135	4.11	581	21	11,175	3.75	419	12-72		32	542	.08	29	46
31-68-0375	340399	272215	10-68	3	287	16,197	3.36	545	20	10,810	3.85	416	10-72		37	741	-.09	17	44
31-68-0375	345412	181531	4-66	3	290	13,146	3.68	484	16	11,113	3.66	407	2-73		38	340	.01	14	26
31-68-0375	345416	325801	11-69	1	305	13,070	4.03	527	24	11,220	3.78	424	12-72		27	369	.06	20	32
31-68-0375	345425	272008	9-69	2	305	15,080	3.55	535	16	10,580	3.76	398	11-72		34	538	-.03	16	35
31-68-0375	346516	325801	3-70	1	305	12,120	4.38	531	22	10,370	3.91	405	9-72		27	346	.08	21	32
31-71-0024	309752	181531	10-63	6	305	13,198	3.90	515	8	10,068	3.80	383	6-72		41	490	.04	22	38
32-30-9107	316900	195525	12-64	2	286	17,465	3.68	643	14	11,070	3.57	395	8-72		36	882	.01	34	64
32-30-9107	339745	319736	7-68	3	303	16,376	3.32	543	6	11,536	3.61	417	4-73		32	669	-.06	18	42
32-30-9107	339759	319736	2-68	3	290	14,030	3.48	488	9	11,633	3.60	419	2-72		32	342	-.01	11	23
32-30-9107	346322	342769	5-70	1	305	15,430	3.51	542	23	9,550	3.74	357	11-72		19	542	-.03	17	36
32-85-0620	342446	324529	3-68	3	279	14,646	3.57	523	9	11,536	3.55	410	8-72		32	579	.00	21	41
33-40-0141	324467	43901	7-65	3	292	11,407	3.64	415	10	8,377	3.65	306	8-72		29	373	.00	14	27
33-46-0440	332308	316562	1-67	4	305	14,448	3.76	543	7	11,225	3.66	411	8-72		35	450	.02	19	34
33-46-0440	341715	311770	7-68	2	299	14,370	3.69	530	5	11,845	3.50	414	9-72		33	679	.05	30	53
33-46-0440	341717	311770	8-68	3	303	12,450	3.73	465	6	11,366	3.61	410	8-72		36	509	.04	23	40
33-46-0440	346587	311770	11-69	1	305	13,160	3.84	505	5	11,680	3.56	416	8-72		28	532	.05	25	43
33-52-0714	325707	295692	7-65	5	282	12,612	3.42	431	6	9,392	3.73	350	8-72		35	560	-.05	15	35
33-52-0714	341736	332436	11-68	2	305	14,325	3.67	526	5	11,125	3.61	402	2-72		25	422	.00	16	31
33-52-0715	339526	312671	6-68	3	304	11,046	3.77	416	11	7,806	3.66	286	8-72		37	392	.01	16	29
33-92-0542	293468	225278	3-61	7	299	14,433	4.04	583	12	12,101	4.06	491	10-72		35	442	.03	19	34
33-92-0542	310916	245645	11-63	4	299	14,390	3.85	554	10	11,693	4.23	495	9-72		37	400	-.03	11	25
33-92-0542	311016	274165	1-64	4	305	16,443	3.96	651	12	13,473	4.10	552	5-72		35	569	.00	21	41
33-92-0542	317256	274165	9-64	5	289	14,954	4.05	606	15	13,688	4.10	561	1-73	B	36	342	.01	14	26
33-92-0542	334394	323482	7-67	4	299	15,940	3.96	632	16	13,733	4.07	559	2-73		30	435	.01	17	32
33-92-0542	334395	323482	7-67	4	294	15,388	4.11	633	16	13,463	4.09	550	1-73		30	384	.04	18	31
33-92-0542	334396	323482	8-67	3	305	17,063	4.00	682	10	14,397	4.07	586	5-72		29	492	.02	20	37
33-92-0542	336418	228867	1-68	2	305	16,260	3.96	644	14	14,735	4.08	601	4-72		37	419	-.03	12	27
33-92-0542	338938	329388	10-68	2	305	18,300	3.85	705	10	14,595	4.01	585	4-72		25	574	.00	21	41
33-92-0542	345537	342771	3-70	1	305	14,090	4.30	606	18	11,400	3.75	427	1-73		28	595	.06	29	49
33-92-0542	351891	342771	8-70	1	305	12,960	3.93	509	18	11,400	3.75	427	1-73		28	499	.02	21	38
35-11-0054	294876	231813	9-61	7	285	12,533	3.66	459	15	9,713	3.75	364	8-72		37	587	-.03	18	39
35-11-0054	335731	324658	6-67	1	296	12,070	4.15	501	16	8,080	3.55	287	10-72		19	334	.06	19	30
35-11-0054	343142	322820	5-69	3	295	13,643	3.31	452	13	9,876	3.57	353	4-73		32	504	-.07	11	30
35-11-0054	345831	304430	12-69	2	253	11,895	3.91	465	20	9,590	3.50	336	2-73		30	456	.02	19	34
35-13-0499	340624	311770	2-69	2	302	14,030	3.24	454	5	10,100	3.63	367	7-72		33	800	-.04	25	53
35-28-0070	311351	290454	1-64	5	294	13,088	3.64	476	13	9,886	3.70	366	1-73		36	424	-.01	14	29
35-28-0070	339162	325943	2-68	2	285	12,555	3.35	421	22	10,065	3.49	351	4-72		25	305	-.03	8	19
35-49-0018	323022	290454	11-65	5	304	13,360	3.63	485	17	9,756	3.81	372	9-72		36	480	-.03	14	31
35-49-0018	331984	299803	11-66	4	303	12,903	3.85	497	9	10,933	3.80	416	12-72		34	317	.02	14	25
35-49-0018	334658	299803	9-67	3	305	15,247	3.74	571	6	11,020	3.72	410	4-72		32	605	.02	24	45
35-49-0018	344539	325915	10-69	1	305	14,680	3.44	505	16	11,100	3.67	407	7-72		31	303	-.04	7	18
35-49-0018	344543	334651	9-69	2	305	16,140	3.40	549	6	12,645	3.76	476	3-73		25	498	-.06	12	30
35-49-0018	344544	334651	10-69	1	305	17,600	3.54	623	14	10,680	3.68	393	7-72		19	662	-.02	22	45
35-49-0018	346331	334651	1-70	1	305	15,730	3.43	539	15	10,650	3.75	399	9-72		19	486	-.04	14	31
35-49-0018	349722	341361	9-70	1	305	16,800	3.49	587	7	12,130	3.81	462	12-72		19	476	-.03	14	31
35-49-0026	262585	219389	12-58	9	303	14,229	3.65	519	13	9,731	3.81	371	4-72		36	773	-.02	26	53
35-54-0069	304270	266173	2-63	5	297	12,194	3.91	477	11	9,434	3.73	352	7-72		34	495	.05	24	40
35-54-0070	319554	272008	9-64	4	305	15,565	3.58	558	8	10,807	3.51	379	5-72		38	683	.00	25	49
35-54-0070	328420	272008	4-65	5	299	13,910	3.76	523	8	11,510	3.48	401	3-73		39	400	.04	19	32
35-54-0070	343373	181531	5-69	2	284	12,960	3.50	453	9	10,635	3.64	387	9-72		36	330	.00	12	23
35-54-0070	343374	181531	5-69	2	305	13,050	3.49	456	8	10,785	3.65	394	9-72		36	327	-.01	11	23
35-54-0070	343384	272008	1-69	1	305	15,420	3.49	538	10	10,290	3.60	370	11-71		29	459	-.02	15	31
35-54-0070	347794	342771	3-70	1	305	16,890	3.32	560	15	11,680	3.45	403	4-72		28	813	-.03	27	56
35-56-0041	334267	315978	11-67	3	297	12,393	3.42	424	11	9,767	3.87	378	1-73		29	355	-.06	7	20
35-56-0041	335697	322822	12-67	3	303	12,440	4.28	532	9	9,876	3.76	371	11-72		33	347	.10	24	34
35-56-0041	340337	322822	1-69	2	305	13,865	3.58	496	8	9,830	3.78	372	5-72		30	484	-.01	17	34
35-56-0041	340338	315978	1-69	2	305	12,660	3.67	465	8	9,865	3.82	377	10-72		25	339	-.01	11	23
35-56-0261	328687	192957	5-66	5	303	12,994	3.96	514	12	10,754	3.84	413	3-73		36	310	.05	17	27
35-56-0261	335530	326001	12-67	3	305	13,457	3.72	500	15	10,767	3.77	406	12-72		29	392	.00	14	28
35-56-0261	339323	320857	9-68	3	286	14,330	3.50	501	10	10,797	3.86	417	3-73		33	634	-.02	21	43
35-56-0261	339326	320857	10-68	2	305	13,200	3.82	504	10	10,605	3.72	394	3-72		30	470	.04	22	38
35-56-0261	339328	320857	9-68	3	303	11,700	3.96	463	12	10,583	3.72	394	12-72		33	307	.06	18	28
35-56-0261	339331	320857	10-68	2	305	12,745	4.23	539	11	10,625	3.76	400	1-72		30	414	.10	26	39
35-56-0261	340400	320857	1-69	2	305	11,900	4.07	484	7	10,300	3.75	386	6-72		30	345	.07	20	31

TABLE 6. MILKING SHORTHORN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD MO-YR	C REPT D (%)	C O W MILK (LB)	I N D E X..... FAT (%)	FAT (LB)	DOL-LARS
35-56-0261	340402	320857	12-68	3	303	13,197	3.82	504	6	11,253	3.92	441	4-73	33	434	.03	19	$ 34
35-56-0261	340846	326785	1-69	2	305	12,395	3.78	469	7	10,205	3.84	392	8-72	29	305	.00	11	22
41-07-0102	335240	221861	7-66	2	305	13,515	3.79	512	5	10,120	3.47	351	3-72	25	421	.04	20	34
41-07-0102	350606	335231	1-70	1	305	11,710	3.54	414	6	8,850	3.47	307	7-72	22	301	.00	11	21
41-19-9174	304968	304430	2-63	8	303	15,331	3.80	583	8	12,280	3.89	478	2-73	36	698	-.02	23	48
41-19-9174	333420	304430	9-67	3	305	14,373	3.65	524	5	12,336	3.63	448	5-72	33	516	-.03	16	34
41-19-9174	341146	304430	3-69	2	305	15,450	3.68	568	6	12,185	3.93	479	8-72	30	632	-.06	17	40
41-19-9174	343604	328678	8-69	2	293	16,105	4.13	665	7	13,900	3.58	498	4-73	25	366	.10	24	35
41-19-9174	345038	328678	1-70	2	281	15,340	4.06	623	8	13,490	3.64	491	2-73	25	311	.08	20	29
41-19-9174	350442	338091	11-70	1	305	19,010	3.69	701	10	13,690	3.86	528	2-73	19	567	-.01	20	40
41-19-9174	350646	228867	4-70	1	305	16,820	3.57	601	9	11,690	4.00	468	9-72	33	602	-.06	15	37
41-19-9174	350647	228867	3-70	1	305	14,840	3.47	515	8	12,360	3.61	446	5-72	33	404	-.05	9	24
41-19-9174	350649	228867	4-70	2	299	17,940	3.19	572	7	13,600	3.71	505	4-73	37	695	-.12	12	38
41-25-9139	328686	311245	9-66	5	305	15,740	3.50	551	14	11,472	3.67	421	2-73	32	709	-.04	22	47
41-25-9139	335567	313022	1-68	2	266	14,005	2.96	414	9	11,710	3.48	407	1-72	30	339	-.08	4	17
41-25-9139	335570	313022	12-67	3	297	13,843	3.82	529	17	11,780	3.53	416	10-72	33	348	.05	18	29
41-25-9139	340417	326961	1-69	2	296	15,080	3.47	523	10	11,610	3.73	433	8-72	30	437	-.05	11	27
41-25-9139	345450	305496	11-69	1	305	15,230	3.89	593	16	11,540	3.73	430	11-72	19	371	.03	17	29
41-25-9488	335565	313022	12-67	3	297	12,477	3.56	444	8	10,090	3.53	356	11-72	33	346	.00	13	25
41-41-9033	327791	319171	12-66	5	303	14,226	3.77	536	11	10,958	3.76	412	1-73	36	469	.03	20	36
41-41-9033	336530	228867	1-68	3	305	14,443	3.64	526	18	10,390	3.80	395	11-72	39	649	-.05	18	41
41-41-9033	338756	325801	11-68	3	305	14,076	3.60	507	15	10,776	3.79	408	12-72	35	615	.00	23	44
41-41-9033	340435	319171	4-69	2	302	13,175	3.65	481	8	10,280	3.77	388	4-72	30	303	.01	12	22
41-41-9033	343631	330780	8-69	2	305	13,860	3.49	484	14	10,275	3.72	382	8-72	29	474	-.03	14	31
41-41-9033	343636	330780	11-69	1	305	14,190	3.68	522	21	10,040	3.60	361	8-72	23	416	.01	16	30
41-41-9033	348999	338091	9-70	1	305	15,870	3.45	548	29	10,520	3.68	387	10-72	19	510	-.03	16	34
41-41-9033	349003	338091	12-70	1	293	13,870	3.53	489	13	10,280	3.61	371	2-73	19	338	-.01	11	23
41-41-9033	351957	338091	12-70	1	305	14,050	3.47	488	13	10,280	3.61	371	2-73	19	355	-.02	11	24
41-41-9050	325898	289286	10-65	4	279	11,835	3.57	422	8	9,218	3.74	345	10-72	37	429	-.02	14	29
41-41-9050	344267	333409	8-69	2	305	13,095	3.73	489	7	9,515	3.62	344	8-72	25	429	.02	18	33
41-44-0031	277869	236713	12-59	10	295	12,467	3.30	412	7	9,514	3.49	332	12-72	35	355	-.05	8	21
41-44-0031	324607	284291	1-66	4	302	13,713	3.51	482	9	10,523	3.33	350	3-72	30	487	.01	19	36
41-44-0031	336112	312671	2-68	4	293	12,757	3.45	440	10	10,217	3.45	352	4-73	39	385	-.01	13	27
41-44-0031	348452	333869	4-70	1	305	15,520	3.00	466	5	11,050	3.42	378	11-72	22	432	-.07	8	24
41-46-9275	317368	195525	12-64	5	287	11,114	3.73	415	9	9,356	3.88	363	11-72	41	378	-.01	13	26
41-46-9275	323419	195525	10-65	5	305	12,016	3.88	466	11	9,444	3.85	364	9-72	41	492	.02	20	37
41-46-9275	335584	228867	9-67	4	299	11,192	3.72	416	14	9,487	3.85	365	11-72	41	352	-.05	8	21
41-54-9017	331905	311284	11-66	5	291	15,400	3.51	541	7	11,696	3.69	432	3-73	35	642	-.04	19	42
41-54-9017	339025	330838	6-68	3	305	17,310	3.33	576	11	10,536	3.76	396	11-72	33	1,048	-.08	29	67
41-54-9017	339149	330838	9-68	3	300	13,266	3.56	472	11	10,536	3.76	396	11-72	33	510	-.03	15	33
41-54-9017	343867	330838	10-69	1	305	15,360	3.20	492	7	13,000	3.62	470	12-71	25	416	-.07	8	24
41-54-9017	343868	330838	9-69	2	305	12,530	3.32	416	10	10,055	3.83	385	8-72	30	433	-.07	8	24
41-54-9033	321793	313955	10-65	5	290	13,958	3.48	486	15	9,356	3.77	353	12-72	32	695	-.04	21	46
41-54-9033	345941	330838	1-70	1	305	14,550	3.44	500	9	8,490	3.79	322	11-72	25	662	-.05	19	43
41-77-9195	321130	301205	1-65	4	293	14,303	3.68	526	8	11,893	3.53	420	7-72	34	474	.01	19	35
41-77-9195	337369	320857	12-67	3	298	14,570	3.67	534	11	12,657	3.50	443	8-72	33	468	.05	23	38
41-77-9195	337948	320857	3-68	3	305	14,803	3.22	477	13	12,863	3.48	448	6-72	33	477	-.03	14	31
41-77-9195	337952	311970	3-66	5	303	14,362	3.85	553	9	13,134	3.62	475	2-73	38	377	.01	15	28
41-77-9195	337953	320857	3-68	3	305	15,173	3.26	494	11	13,103	3.46	453	3-72	33	500	-.02	16	34
41-77-9195	337954	311970	4-66	5	305	15,052	3.42	515	9	11,994	3.65	438	3-73	38	610	-.08	14	37
41-77-9195	337962	311970	3-66	5	292	15,924	3.23	515	6	12,032	3.71	446	12-72	38	732	-.12	13	41
41-77-9195	342475	322591	9-68	3	305	17,527	3.24	568	16	13,120	3.63	476	3-73	29	704	-.09	16	42
41-77-9195	344149	337951	9-68	2	305	16,825	3.68	620	17	12,745	3.56	454	2-72	25	574	.02	23	43
41-77-9195	344895	322591	9-69	1	305	15,350	3.54	544	16	11,360	3.60	409	4-72	19	396	-.01	14	28
41-77-9195	351593	311770	11-70	1	305	15,940	4.10	653	15	13,960	3.57	499	1-73	28	613	.09	32	52
41-77-9239	341095	301205	10-67	3	265	12,337	3.83	473	8	9,623	3.51	338	10-72	32	430	.04	20	34
41-77-9239	353563	311770	7-70	1	305	11,880	4.15	493	8	9,090	3.72	338	12-72	28	599	.06	29	49
41-79-0233	328089	315375	12-65	4	297	13,027	3.71	483	17	9,532	3.59	342	9-72	35	441	.02	18	33
41-79-0233	337058	292879	10-64	5	295	11,852	3.86	458	22	10,026	3.60	361	12-72	35	362	.05	19	31
41-79-0233	337059	315375	9-67	4	299	13,880	3.81	529	17	10,197	3.63	370	12-72	35	487	.04	22	38
41-79-0233	337198	315375	1-67	4	280	12,865	3.46	445	20	9,990	3.64	364	10-72	35	365	-.03	10	23
41-79-0233	350653	323826	8-70	1	305	15,310	4.08	624	20	10,190	3.79	386	2-73	19	482	.05	23	39
42-14-0003	307539	275758	7-63	5	298	14,636	3.76	551	13	10,162	3.70	376	4-72	35	715	.02	28	53
42-14-0003	311178	275758	4-64	4	291	14,038	3.32	466	17	10,133	3.69	374	1-72	33	603	-.07	14	36
42-14-0003	324341	307535	3-66	4	302	14,497	3.34	484	15	10,562	3.68	389	1-73	35	383	-.07	6	21
42-14-0003	326925	289251	9-66	4	305	13,552	3.89	527	22	10,040	3.64	365	11-72	33	558	.06	27	45
42-14-0003	329064	319307	12-66	4	281	12,207	3.75	458	19	10,080	3.62	365	11-72	35	375	.04	18	30
42-14-0003	336690	319307	12-67	3	282	12,360	3.47	429	11	10,566	3.62	382	5-72	33	325	-.01	11	22
42-14-0003	344131	319307	10-69	2	305	15,060	3.98	599	14	10,050	3.60	362	4-73	10	666	.07	32	54
42-14-0003	348493	319307	4-70	1	305	14,950	3.35	501	13	10,670	3.73	398	4-72	25	475	-.02	15	32
42-15-0003	315621	301074	7-64	4	305	14,613	4.04	590	13	11,453	4.12	472	2-72	30	511	.02	21	38
42-15-0003	318509	195525	11-64	5	304	14,406	3.93	566	9	11,890	4.06	483	3-72	41	551	.00	20	39
42-15-0003	325097	228867	3-66	4	304	13,985	4.11	575	12	11,885	4.10	487	3-72	41	465	-.01	16	32
42-15-0003	338075	79581	1-68	3	305	14,256	3.89	554	10	12,390	4.07	504	4-72	38	308	.06	18	28
42-15-0003	349434	342771	3-70	1	305	13,580	3.79	515	16	11,960	4.09	489	3-72	28	514	-.02	17	35
42-15-0003	349436	342771	7-70	1	304	13,050	3.86	504	5	8,780	4.10	360	9-72	28	684	.00	25	49
42-15-0003	353557	272008	6-69	1	305	14,570	4.22	615	7	11,120	4.15	462	12-71	29	333	.03	15	26
42-22-0063	321662	290968	9-68	5	299	13,544	3.64	493	17	10,666	3.67	391	11-72	32	463	.00	17	33
42-22-0063	323688	290965	11-65	5	298	14,420	3.78	545	17	10,860	3.67	399	11-72	32	577	.03	24	44
42-22-0063	328844	315445	8-66	5	296	13,858	3.86	535	5	11,680	3.66	428	3-73	32	384	.04	19	32
42-22-0063	343138	311770	8-69	1	305	16,890	3.50	591	8	10,460	3.73	390	4-72	28	930	.00	34	66
42-22-0063	346273	324794	5-70	1	305	13,910	3.59	499	12	10,670	3.70	395	10-72	19	312	-.01	10	21
42-23-0007	298158	269476	5-62	7	300	13,183	3.71	489	6	9,720	3.71	361	12-72	35	533	.00	20	38
42-23-0007	325799	272215	1-66	4	302	14,915	3.94	588	15	10,400	3.75	390	6-72	38	657	.03	27	49
42-23-0007	339764	326678	8-68	2	283	13,625	3.68	502	13	9,895	3.75	371	8-72	29	515	-.02	17	35

TABLE 6. MILKING SHORTHORN USDA-DHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	NO.	..HERDMATE AVERAGES.. MILK (LB)	FAT (%)	FAT (LB)	LAST T CALVD	C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOL-LARS
42-23-0007	350825	326678	6-70	1	305	16,730	3.29	551	12	11,190	3.65	408	5-72		23	599	-.06	15	$ 37
42-33-0210	335415	195525	12-67	2	305	11,830	3.74	443	9	8,740	3.73	326	12-71		36	477	.00	18	34
42-42-0037	322658	228867	12-65	3	305	15,413	3.21	495	12	10,973	3.63	398	9-71		39	710	-.11	14	41
42-43-0010	330359	317993	9-66	5	305	13,192	3.80	501	10	9,958	3.82	380	1-73		37	599	.01	23	44
42-43-0010	336180	317993	3-68	3	305	11,600	3.89	451	8	9,360	3.77	353	1-73		34	413	.02	17	31
42-43-0010	340036	317993	9-68	3	297	13,206	3.58	473	6	11,276	3.73	421	3-73		34	423	-.02	13	28
42-43-0010	344825	317993	10-69	2	305	13,100	3.49	457	6	9,885	3.74	370	1-73		32	512	-.03	15	33
42-43-0010	344827	317993	9-69	1	305	15,180	3.47	527	7	10,580	3.88	410	3-72		26	566	-.04	16	36
42-43-0010	344832	317993	8-69	1	305	12,310	3.85	474	7	10,580	3.88	410	3-72		26	317	.00	12	23
42-43-0010	346240	317993	2-70	1	305	11,930	3.78	451	8	10,020	3.87	388	5-72		26	323	-.01	11	22
42-43-0010	346244	317993	2-70	1	305	12,380	3.80	470	8	10,020	3.87	388	5-72		26	362	.00	13	26
42-43-0010	349698	317993	8-70	1	305	13,230	3.56	471	7	9,010	3.63	327	1-73		26	506	-.01	17	35
42-43-0016	345081	323647	1-70	2	305	12,165	3.58	435	5	10,030	3.76	377	2-73		28	330	-.02	10	22
42-56-0004	320731	290966	12-64	5	304	13,072	3.88	507	10	10,928	3.79	414	5-72		32	355	.03	16	28
42-56-0004	328653	304811	7-66	5	298	14,566	3.56	518	7	11,250	3.82	430	4-73		36	744	-.05	22	49
42-56-0004	328656	305879	10-66	4	228	13,597	4.05	550	8	11,762	3.69	434	3-72	B	35	515	.07	27	44
42-56-0004	339376	305879	6-68	3	293	15,333	3.57	547	5	11,680	3.81	445	1-73		34	737	-.03	24	50
42-56-0004	339379	324884	8-68	2	301	14,550	3.64	529	12	11,400	3.78	431	9-72		25	423	-.01	14	29
42-56-0004	344140	325917	7-69	1	305	15,110	3.52	532	9	12,340	3.81	470	4-72		24	321	-.02	10	21
42-57-0168	331417	295856	1-67	3	305	11,760	3.72	437	9	9,560	3.49	334	5-72		32	313	.03	15	25
42-57-0168	331424	295856	12-66	4	281	13,435	3.45	464	13	10,027	3.48	349	12-72		34	520	-.01	18	36
42-57-0168	337126	295856	8-67	4	284	13,412	3.51	471	15	10,447	3.47	363	1-73		34	468	.00	17	33
42-57-0168	341690	324235	7-68	3	298	13,800	3.38	466	10	10,866	3.66	398	3-73		32	411	-.06	9	24
42-66-0122	335806	328808	1-68	3	279	13,180	3.54	466	5	10,093	3.38	341	12-72		32	408	.02	17	31
42-66-0122	343786	334565	7-69	2	291	13,175	3.24	427	6	9,730	3.51	342	8-72		25	418	-.05	10	25
42-66-0122	343792	328808	11-69	2	305	16,055	3.19	512	5	10,855	3.22	349	1-73		29	635	-.03	20	43
42-71-0004	345205	326785	7-69	2	296	11,615	3.45	401	5	8,890	3.90	347	8-72		29	337	-.05	7	20
42-86-0089	327286	312720	10-66	4	301	12,740	3.76	479	12	11,370	3.61	410	8-72		36	374	.01	15	28
42-86-0089	344795	322008	9-69	2	305	12,580	3.47	436	5	9,765	3.92	383	8-72		25	339	-.05	7	20
42-86-0089	350638	342771	7-70	1	305	11,240	4.10	461	6	9,720	3.87	376	9-72		28	468	.03	20	36
42-91-0093	334130	322557	9-67	3	291	12,487	3.49	436	11	10,127	3.66	371	4-72		29	327	-.03	9	21
42-91-0093	339414	332607	12-68	3	293	11,603	3.47	403	9	8,820	3.62	319	8-72		29	350	-.02	11	23
43-19-0028	319330	215779	10-64	4	302	11,855	3.89	461	8	9,440	3.79	358	11-72		35	319	.02	14	25
43-35-0010	315919	232133	10-64	4	291	14,303	3.64	520	13	12,930	3.50	453	4-72	B	37	388	.02	16	29
43-35-0010	344016	322823	7-69	1	305	15,100	3.63	548	5	10,280	3.64	374	8-71		26	438	-.03	13	29
43-35-0010	346428	333408	1-70	1	293	18,330	3.60	660	9	11,490	3.62	416	4-72	B	19	670	-.01	24	47
43-35-0036	301745	260385	9-62	6	305	13,586	3.97	540	12	9,755	3.69	360	6-72		36	593	.06	28	48
43-35-0036	328117	312186	3-66	5	288	12,636	3.70	467	18	9,930	3.64	361	1-73		32	412	.01	16	30
43-35-0036	337027	260385	6-67	4	305	11,717	3.78	443	13	8,955	3.71	332	8-72		35	397	.01	16	30
43-35-0036	347751	342771	3-70	1	305	12,210	4.06	496	35	9,700	3.79	368	5-72		28	551	.03	24	43
43-49-0035	269782	32190	2-59	6	269	13,235	3.61	478	19	10,417	3.72	387	8-72		37	435	.02	18	33
43-49-0035	288301	32190	2-60	7	302	13,746	3.99	548	12	11,530	3.88	447	7-72		37	380	.06	21	33
43-49-0035	308303	260385	9-63	6	261	12,776	3.57	456	16	10,423	3.66	382	5-72		36	394	-.01	13	27
43-49-0035	321981	293041	10-64	3	305	14,816	3.37	500	8	11,390	3.62	412	1-72		33	489	-.05	13	31
43-49-0035	321986	293041	10-64	4	305	14,600	3.66	534	8	11,882	3.71	441	3-72		35	436	-.01	15	30
43-49-0035	329742	293041	1-66	4	274	13,630	3.15	429	21	10,457	3.64	381	10-72		35	460	-.09	7	25
43-49-0035	331458	260794	11-66	3	305	14,506	3.91	567	29	10,406	3.61	376	8-72		39	507	.04	23	40
43-49-0035	334886	271253	8-67	3	305	13,993	4.19	587	31	10,380	3.60	374	8-72		36	324	.10	23	32
43-49-0035	347081	325918	10-69	1	305	14,320	3.30	472	26	10,110	3.80	384	8-72		31	338	-.06	6	19
43-49-0035	350843	342771	5-70	1	305	17,070	3.42	583	22	10,110	3.66	370	11-72		28	934	-.03	31	64
45-29-0001	345476	309596	8-68	3	269	14,833	3.44	510	13	11,400	3.56	406	1-73		33	507	-.03	15	33
45-29-0001	346008	309596	11-69	2	304	13,495	3.80	513	11	11,255	3.62	407	4-73		30	309	.02	13	23
46-37-0003	342342	326207	8-68	3	278	12,470	3.65	455	7	9,930	3.56	354	3-73		29	347	.01	14	26
46-37-0003	347911	335582	12-69	1	305	12,690	3.44	437	7	8,970	3.33	299	9-72		19	325	.00	12	23
47-01-0001	332557	322823	2-67	5	250	14,112	3.31	467	11	11,612	3.55	412	3-73		36	420	-.07	8	24
47-01-0001	342008	329245	1-69	1	305	13,120	3.77	494	10	8,680	3.94	342	5-72		19	388	.00	14	28
47-21-0004	330740	301074	11-66	4	305	14,685	3.41	501	12	9,490	3.83	363	11-72		30	760	-.06	21	48
47-21-0004	331240	300784	1-67	4	305	13,330	3.74	498	17	9,783	3.82	374	9-72		30	519	.00	19	37
47-21-0004	332560	322823	2-67	4	305	12,172	3.54	431	8	9,632	3.77	363	3-73		35	353	-.05	8	21
47-21-0004	334568	260794	9-67	3	305	12,296	3.72	458	16	9,736	3.85	375	11-72		39	303	-.01	10	21
47-21-0004	338118	305879	5-68	2	305	14,455	3.78	546	17	10,310	3.87	399	7-72		31	716	.01	27	52
47-21-0004	340060	321154	10-68	2	305	13,830	3.67	508	9	11,020	3.68	405	1-73		29	309	.03	15	25
47-34-0014	336220	232133	2-68	3	294	12,350	3.43	423	13	10,497	3.46	363	3-73		36	376	-.02	12	25
47-34-0014	336352	331116	4-68	3	305	13,110	3.37	442	23	9,833	3.60	354	10-72		29	449	-.04	12	28
47-34-0014	344233	330888	10-69	1	305	12,920	3.39	438	19	9,470	3.54	335	7-72		19	309	-.02	9	20
47-71-0070	315414	300784	8-64	5	304	12,096	3.95	478	10	9,444	3.83	362	2-73		32	388	.03	18	31
47-71-0070	323008	228867	10-65	4	298	11,195	3.89	436	10	9,785	3.85	377	3-73		41	321	-.02	10	21
47-71-0070	324264	311719	3-66	3	268	12,247	3.78	463	8	9,763	4.11	401	1-72		29	334	-.02	10	22
47-71-0070	341674	[illegible]	3-69	3	299	11,793	4.10	484	10	10,200	3.92	400	2-73		35	378	.07	21	33
71-02-0005	322022	72915	10-65	5	303	14,408	3.75	540	16	13,038	3.51	458	2-73		39	313	.02	14	24
71-02-0005	330338	12720	9-66	5	305	15,382	3.32	510	18	12,592	3.57	450	1-73		37	622	-.06	16	39
71-02-0005	334462	308992	9-67	4	285	14,997	3.40	510	12	13,305	3.56	474	4-73		34	442	-.05	11	27
71-02-0005	334808	322008	10-67	3	295	16,063	3.35	538	18	13,380	3.52	471	3-72		29	466	-.05	12	29
71-02-0005	340007	322008	9-68	3	298	15,597	3.25	507	17	13,517	3.56	481	1-73		29	384	-.07	7	21
71-02-0005	346020	342770	2-70	2	268	16,290	3.52	573	17	13,660	3.54	483	3-73		25	414	-.01	14	29
71-02-0005	346025	342771	2-70	1	305	15,530	3.96	615	18	13,500	3.50	473	4-72		28	575	.05	27	46
71-02-0005	350330	342771	12-70	1	262	14,270	3.52	502	23	12,910	3.73	481	11-72		28	508	-.02	17	35
71-19-0037	322852	308992	9-65	3	305	12,806	3.60	461	13	10,286	3.53	363	3-72		32	454	-.01	16	32
71-19-0037	324999	308992	2-66	5	302	11,884	3.60	428	15	10,086	3.59	362	11-72		35	373	-.02	12	25
71-19-0037	329555	291166	11-66	4	295	13,785	3.44	474	20	10,998	3.47	382	1-73	B	34	478	-.02	15	32
71-19-0037	329561	291166	10-66	4	283	14,080	3.34	470	17	11,615	3.54	411	1-73	B	34	449	-.05	11	27
71-19-0037	329565	291166	12-66	3	305	14,133	3.22	455	16	11,133	3.42	381	2-72		32	484	-.05	12	30
71-19-0037	348969	342771	9-70	1	201	14,770	3.51	518	14	12,850	3.36	432	3-73	B	28	554	.01	21	40
73-20-0002	324453	210413	10-65	5	304	12,830	3.30	424	19	10,798	3.55	383	3-73		36	341	-.06	6	19
73-20-0002	357193	228867	12-70	1	305	13,680	3.57	488	17	11,350	3.42	388	1-73		33	376	-.03	11	25

TABLE 6. MILKING SHORTHORN USDA-OHIA HIGH RANKING COWS (CONTINUED).

COW'S LAST HERD CODE	..REGISTRATION... COW NUMBER	SIRE NUMBER	COW BORN MO-YR	..COW'S AVERAGE PRODUCTION. RECS	DAYS	MILK (LB)	FAT (%)	FAT (LB)	..HERDMATE AVERAGES.. NO.	MILK (LB)	FAT (%)	FAT (LB)	LAST CALVD MO-YR	T C D	REPT (%)	C O W I N D E X..... MILK (LB)	FAT (%)	FAT (LB)	DOLLARS
73-25-0003	310868	296208	12-63	5	261	13,640	3.46	472	11	10,958	3.50	384	12-72		35	466	-.02	15	$ 32
73-25-0003	316011	296208	8-64	5	303	13,418	3.39	455	16	11,292	3.51	396	1-73		35	391	-.03	11	25
73-25-0003	324921	303700	12-65	4	305	12,588	3.67	462	19	10,560	3.51	371	11-72		30	312	.02	14	24
73-25-0003	332861	242048	3-67	2	297	14,150	3.45	488	11	10,275	3.57	367	4-72		33	389	-.01	13	27
73-25-0003	339929	325341	8-68	2	304	14,905	3.64	542	13	11,235	3.47	390	1-73		30	359	.02	15	27
73-26-0001	326794	228867	9-66	5	305	13,142	3.44	452	13	11,444	3.50	400	11-72		42	411	-.05	10	25
73-26-0001	331465	311961	8-66	4	247	15,497	3.59	556	6	12,007	3.62	435	8-72		34	428	.00	16	31
73-26-0001	345220	342771	3-70	2	282	13,945	3.67	512	11	11,540	3.37	389	12-72		33	626	.04	27	48
73-26-0001	345222	312720	3-70	2	302	13,705	3.22	441	12	11,495	3.48	400	1-73		32	445	-.06	10	26
73-26-0001	345223	342771	2-70	1	305	12,590	3.52	443	16	10,890	3.52	383	10-72		28	503	.00	18	36
73-26-0001	346484	312720	10-70	1	295	13,590	3.32	451	14	11,850	3.50	415	1-73		26	353	-.04	9	22
73-26-0001	346590	342771	3-70	1	305	19,680	3.08	606	13	10,360	3.59	372	6-72		28	1,138	-.08	33	74
73-26-0001	346963	342771	3-70	1	305	15,340	3.92	601	8	10,810	3.44	372	4-72		28	740	.04	32	57
73-26-0001	347862	342771	8-70	1	305	14,300	3.76	538	13	11,940	3.39	405	12-72		28	576	.03	25	44
73-26-0001	348611	314597	3-70	1	304	13,470	3.44	463	14	12,090	3.46	418	1-73		28	430	-.04	12	28
73-26-0001	348614	342770	10-70	1	305	18,440	3.00	553	18	12,120	3.47	421	12-72		19	632	-.08	14	37
73-26-0001	349128	342771	12-70	1	305	13,420	3.52	473	13	11,940	3.39	405	12-72		28	502	.00	19	36
82-32-0123	339398	314597	10-68	3	304	14,883	3.59	535	6	11,100	3.59	398	12-72		36	761	-.03	25	52
82-32-0123	345711	339536	1-70	1	305	18,120	3.42	620	5	11,560	3.34	386	4-72		19	644	-.01	23	45
82-71-0019	337343	317676	4-68	2	289	13,890	3.95	549	5	11,030	3.72	410	1-72		25	376	.05	19	31
84-03-0902	336250	203661	11-67	2	305	14,835	4.11	610	7	10,800	3.69	399	3-73		36	485	.05	23	39
84-03-0902	341475	305879	11-68	2	302	13,255	4.13	548	6	11,235	3.67	412	4-72		31	489	.07	26	42
84-03-0902	341476	305879	1-69	2	287	13,460	3.46	466	8	9,955	3.73	371	5-72		31	633	-.03	10	42
84-03-0902	345302	325917	10-69	1	305	15,750	3.86	608	13	11,490	3.67	422	5-72		24	439	.04	21	35
84-03-0902	350033	338090	11-70	1	305	14,840	3.74	555	9	11,370	3.80	432	1-73		19	347	.00	13	25
86-01-9416	294151	181531	7-61	5	288	12,318	3.65	450	7	9,548	3.68	351	12-72		41	426	.01	17	32
86-01-9416	324445	291700	1-66	4	305	14,055	3.51	494	6	10,395	3.70	385	4-72		30	555	-.03	17	37
86-01-9500	321544	195525	7-65	4	305	12,775	3.74	478	9	10,615	3.56	378	10-72		40	457	.02	19	35
86-01-9500	330121	260794	7-66	4	301	13,385	3.47	464	8	10,912	3.56	388	1-73		40	342	-.02	10	22
91-28-0082	333882	318395	7-67	3	303	12,127	3.62	439	10	9,153	3.55	325	3-72		33	519	.00	19	37
91-28-0082	333884	318395	10-67	3	300	12,080	3.84	464	9	9,547	3.55	339	2-72		33	470	.03	21	37
91-34-0210	296535	262190	9-61	8	280	13,961	3.32	464	16	11,842	3.45	408	3-73		35	380	-.04	10	24
91-34-0210	304282	251913	9-62	1	305	13,710	3.53	484	6	10,260	3.40	349	4-72		19	324	.01	13	24
91-34-0210	334680	312720	7-67	3	246	12,243	3.48	426	12	10,550	3.41	360	12-71		34	384	-.01	13	27
91-34-0210	335959	314597	4-68	3	305	15,966	3.19	509	8	10,456	3.42	358	1-73		36	967	-.08	26	61
91-34-0210	337174	228867	6-68	2	205	13,090	3.19	418	10	11,240	3.38	380	3-72		37	379	-.07	6	20
91-34-0210	337956	311970	4-66	5	301	13,094	3.59	470	5	10,942	3.50	383	2-73		38	448	-.02	14	30
92-20-5054	344560	282013	10-69	1	305	12,470	3.90	486	10	9,260	4.06	376	7-72		23	309	-.01	10	21
92-20-5054	344562	282013	10-69	1	305	13,120	3.54	464	12	9,190	4.07	374	10-72		23	373	-.05	8	22
93-48-0006	318376	295919	12-64	4	305	13,825	3.73	515	39	11,482	3.61	414	4-72		34	403	.03	18	31
93-48-0006	324849	295919	8-65	4	305	13,430	3.73	501	35	10,747	3.64	391	3-73		34	431	.02	18	33
93-48-0006	328890	312671	4-66	5	286	14,338	3.56	511	37	11,360	3.65	415	2-73		40	492	-.01	17	34
93-48-0006	328921	290495	6-66	4	305	14,915	3.47	518	39	11,740	3.61	424	4-72		35	486	-.03	15	32
93-48-0006	340443	295919	9-68	2	291	13,265	3.76	499	36	11,070	3.65	404	8-72		29	314	.02	14	25
93-48-0006	340447	314067	2-68	2	305	13,665	3.68	503	43	11,335	3.60	408	6-72		29	394	.00	15	29
93-48-0006	340449	295919	1-68	3	305	12,776	3.81	487	38	10,203	3.72	380	9-72		32	376	.03	17	30
93-48-0006	340461	314067	8-68	2	284	13,545	3.65	494	46	11,550	3.59	415	5-72		29	359	.01	14	26
93-48-0006	340558	295919	6-68	3	305	15,140	3.49	528	32	11,786	3.57	421	3-73		32	524	-.01	18	36
93-48-0006	340566	314067	8-68	2	305	13,865	3.64	505	44	11,025	3.64	401	7-72		29	449	.00	16	32
93-48-0006	340588	314067	11-68	1	305	13,080	3.55	464	27	10,550	3.65	385	11-71		23	329	-.02	10	22
93-48-0006	340589	314067	8-68	2	295	13,125	3.54	464	46	11,550	3.59	415	5-72		29	308	-.01	10	21
93-48-0006	345134	325606	7-69	1	305	15,250	3.33	508	46	12,060	3.47	419	3-72		19	334	-.03	9	21

TABLE 7. LIST OF HERD-OWNERS.

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
11-10-0001	ADDITION FARMS, INC.	ATT ERROL ADDITON	GREENE	04236	ME
11-10-0003	CENTURY ELM FM. INC. 1	ATT LESLIE BOOTHBY	LIVERMORE FALLS	04254	ME
11-10-0005	BRIGGS, H.C. & SON HD1	R F D 1	TURNER	04282	ME
11-10-0008	BRADFORD, ALBERT	R F D 1	TURNER	04282	ME
11-10-0011	HEMOND, ROLAND	R F D 2	MECHANIC FALLS	04256	ME
11-10-0013	KEENE, RAYMOND & MAURICE	NORTH RIVER ROAD	AUBURN	04210	ME
11-10-0015	LEAVITT FARM	R D 2 ATT P.B.VARN	NORTH TURNER	04266	ME
11-10-0028	CALDWELL, LAWRENCE HD 1	R F D	TURNER	04282	ME
11-10-0038	TORREY, GLEN W.	ROUTE 4 BOX 108	AUBURN	04210	ME
11-10-0069	WATERMAN, ROBERT & DONAL		SABATTUS	04280	ME
11-10-0095	TEBBETHOLM FARM	R F D 1	LISBON FALLS	04252	ME
11-10-0111	BOTHA, A.	R F D 1	LISBON FALLS	04252	ME
11-10-0112	ROSS, NATALIE AND ALTHEA	R F D 3	FREEPORT	04032	ME
11-10-0132	YOUNG, JAMES	R F D 2	BUCKFIELD	04220	ME
11-10-0175	HINKLEY, NORMAN	R F D 1	SABATTUS	04280	ME
11-10-0187	CENTURY ELM FM. INC. 2	ATT LESLIEBOOTHBY	LIVERMORE FALLS	04254	ME
11-10-0190	TRIPP, DWIGHT JR.	R F D 2	AUBURN	04210	ME
11-10-0203	TWITCHELL, GERALD FM 2	R F D 1	TURNER	04282	ME
11-11-0024	ANDERSON, WILLIAM W.		SHERMAN MILLS	04776	ME
11-11-0035	RAND, STUART S.	RFD1	SHERMAN MILLS	04776	ME
11-11-0040	SHUR, JACOB		ISLAND FALLS	04747	ME
11-12-0007	BENSON, A. M. JR.	R F D 2	GORHAM	04038	ME
11-12-0008	BLACK, HENRY W.		WEST BALDWIN	04091	ME
11-12-0021	FLAGGY MEADOW FARM	ATT C E YOUNG R D	GORHAM	04038	ME
11-12-0022	SPRING BROOK FARM	GREELY ROAD	CUMBERLAND CENTER	04021	ME
11-12-0026	LIBBY, W. G. AND A. W.		SEBAGO LAKE	04075	ME
11-12-0037	WILSON, STEPHEN J.	RFD1	CUMBERLAND CENTER	04201	ME
11-12-0038	ZACHARIAS HOLSTEINS	31 EUREKA ROAD	FALMOUTH	04105	ME
11-12-0064	RATHERWYICK JERSEYS	ROUTE 3	FREEPORT	04032	ME
11-12-0065	ROSSBACH, JILL & WALTER	R D SNOWFIELD FARM	POWNAL	04069	ME
11-12-0071	WILSON, MICHAEL H.	MERRILL RD	GRAY	04039	ME
11-12-0079	MORRELL BROTHERS	J & C MORRELL RFD	SOUTH WINDHAM	04082	ME
11-12-0095	SILVER MAPLE FARM 2	R F D STATE ROAD	HARRISON	04040	ME
11-12-0101	WILSHORE FMS-DOUG SHORES	85 HURRICANE ROAD	FALMOUTH	04105	ME
11-13-0035	FARRINGTON, E. AND SON	ROUTE 1	DRYDEN	04225	ME
11-13-0051	SILVER VALLEY FARMS	R F D	NEW SHARON	04955	ME
11-13 0055	BOGUE, EARL	65 NORTH MAIN ST.	FARMINGTON	04938	ME
11-13-0060	HARDY, FRED	R F D 1	FARMINGTON	04938	ME
11-15-0012	PRIME, RALPH HD 1	ROUTE 5	AUGUSTA	04301	ME
11-15-0041	PINE HILL FARMS	R F D 2	WATERVILLE	04900	ME
11-15-0043	DRAKE, FREELAND	R F D 2	ALBION	04910	ME
11-15-0078	CAVERLY BRO.	R F D 2	CLINTON	04927	ME
11-15-0110	PRATT, PHYLLIS	POND RD.	ALBION	04910	ME
11-15-0115	CHICK ORCHARDS INC.	FARM 1	MONMOUTH	04259	ME
11-15-0116	OAKLANDS FARM 1		GARDINER	04345	ME
11-15-0161	BRADSTREET, FRED & AVIS	FARM 2	ALBION	04910	ME
11-15-0166	DAVENPORT, WARREN + EVA	R F D 1	WAYNE	04284	ME
11-15-0172	PERKINS, FRED V. HD 2	R F D 4	AUGUSTA	04330	ME
11-15-0177	GOULD, KENNETH	R F D 1	FREEDOM	04941	ME
11-15-0179	PERKINS, FRED V. HD. 1	R F D 4	AUGUSTA	04330	ME
11-15-0183	CLEMEDOW FARMS HD 2	RFD 1	MONMOUTH	04259	ME
11-16-0006	MILTON, ROBERT C	R.F.D. 1 BOX 97	NEWCASTLE	04543	ME
11-17-0001	BENNETT BROTHERS	R F D	BUCKFIELD	04220	ME
11-17-0012	SHEDBERG, ROGER N.	R F D 1	SOUTH PARIS	04281	ME
11-17-0032	CONANT, GLADYS E. & SONS	CONANT ACRES RD.	CANTON	04221	ME
11-17-0036	HOWARD, ARCHER AND SONS	R D 1	HARRISON	04040	ME
11-17-0053	DU-WAYNE FARM	RFD2 BOX 28A	NORWAY	04268	ME
11-17-0080	MILLIGAN, SABON P.	STAR ROUTE	RUMFORD POINT	04279	ME
11-17-0098	SHAW, FRANK JR.		NORTH FRYEBURG	04058	ME
11-18-0002	UNIVERSITY OF MAINE	ROGERS HALL	ORONO	04473	ME
11-18-0003	UNIVERSITY OF MAINE	ROGERS HALL	ORONO	04473	ME
11-18-0004	UNIVERSITY OF MAINE	ROGERS HALL	ORONO	04473	ME
11-18-0046	HODGDON, FRANCIS	R F D 2 BOX 345	BREWER	04412	ME
11-18-0059	COBURN, PHILIP	R F D 1	CORINNA	04928	ME
11-18-0060	VEAZIE, KENNETH		CORINNA	04928	ME
11-18-0066	BUTTERS, WARREN G.	R F D 1	EAST CORINTH	04427	ME
11-18-0067	EATON, LINWOOD	R F D 1	EAST CORINTH	04427	ME
11-18-0088	HOWARD BROTHERS	R F D 2	ORRINGTON	04474	ME
11-18-0125	GOODELL, ROGER N.	BOX 346 R D 2	BANGOR	04401	ME
11-18-0222	HANLEY, WILLIAM	R D 3	DOVER FOXCROFT	04426	ME
11-20-0002	CROCKETT, BURLEIGH S.	MIDDLE ROAD R D 1	FAIRFIELD	04937	ME
11-20-0004	PRICE, EVERETT R & SON	RFD EAST RIDGE ROA	SKOWHEGAN	04976	ME
11-20-0042	WIERS, BYRON R.		SAINT ALBANS	04971	ME
11-20-0052	SEVEY, LAROY L.	R F D	DEXTER	04930	ME
11-20-0066	WILLIAMS, HARVEY		NORTH ANSON	04958	ME
11-20-0077	EARLE, ROBERT AND SON	MALBON HILLS ROAD	SKOWHEGAN	04976	ME
11-20-0083	GRAZEMOOR FARM E. PATTEN		SAINT ALBANS	04971	ME
11-20-0109	BOSWORTH, HAROLD	R F D 1	SKOWHEGAN	04976	ME
11-20-0119	FRITH, MAYNARD	R F D	ATHENS	04912	ME
11-20-0134	LEAVITT, DANA	R F D 1	SAINT ALBANS	04971	ME
11-20-0174	MAPLEHAVEN FARM		ST. ALBANS	04971	ME
11-20-0182	SCOTT, RICHARD W.	MARTIN STREAM RD #	NORRIDGEWOCK	04957	ME
11-20-0184	PHOTIOU, JAMES	R F D	CORINNA	04928	ME
11-20-0186	WARING & CLARK	MERRILAND FARM RFD	MADISON	04950	ME
11-21-0003	HUNTER, G. LEROY	R D 1	UNITY	04988	ME

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
11-21-0007	INGRAHAM, JOHN H. & SON	R F D	THORNDIKE	04986	ME
11-21-0009	HURD, VAUGHN E.		THORNDIKE	04986	ME
11-21-0015	GRAY, ROBERT E.	R D 1	TROY	04987	ME
11-21-0037	SPRINGDALE FARM	ROUTE 2	BELFAST	04915	ME
11-21-0048	HOLMES, J. S.	39 WATER STREET	BELFAST	04915	ME
11-21-0052	WARD, FREDERIC	R D 2	THORNDIKE	04986	ME
11-21-0058	CLEMENTS, MRS ROLAND &SN	R F D 1	FRANKFORT	04438	ME
11-21-0080	MITCHELL, ROGER L.	STAR ROUTE	UNITY	04988	ME
11-21-0095	WENTWORTH, MALCOLM	ROUTE 1	THORNDIKE	04986	ME
11-21-0106	PRICE, RONALD	R F D 1 CRANELAND	THORNDIKE	04986	ME
11-21-0123	LUFKIN, BENJAMIN	BOX 81 LUFKINFHS	BROOKS	04921	ME
11-21-0133	CURRA, P.W. & S.H.	R F D 2	THORNDIKE	04986	ME
11-23-0010	SCAMMAN, LELAND G.	R F D 2	SACO	04072	ME
11-23-0016	JOHNSON, CHESTER	WILSON ROAD	KITTERY	03904	ME
11-23-0026	NOYES, CHARLES E.	R F D	BERWICK	03901	ME
11-23-0027	HARRIS, JOHN FARM 1	R F D 3	BIDDEFORD	04005	ME
11-23-0036	SHAW, HAROLD J.	R F D	SANFORD	04073	ME
11-23-0039	STEWART, JAMES A.	DOWNING RD.	KENNEBUNK	04043	ME
11-23-0051	NICHOLS, MARK & BEVERLY	ROCKEH WHIP FARM	LIMERICK	04048	ME
11-23-0053	EMERY, H. L. & SONS	BLACKBERRY HILL RO	BERWICK	03901	ME
11-23-0063	SARGENT, FRANK	131 BEECH RD.	ELIOT	03903	ME
11-23-0064	LEARY, MILLARD AND SON	R F D 1	SACO	04072	ME
11-23-0069	SHERMAN, CHARLES 3RD.	R D 3 WADLIN RD.	BIDDEFORD	04005	ME
11-23-0090	COLE FARM DAIRY, INC	R F D 3 HERD 2	BIDDEFORD	04005	ME
11-23-0092	HIGHLAND FARMS, INC.	RFD ROBERT S PIKE	CORNISH	04020	ME
11-23-0093	SUNUP FM ATT WM TIEDEMAN	STAR ROUTE	STEEP FALLS	04085	ME
11-23-0094	HARRIS, JOHN FARM 2	R F D 3	BIDDEFERD	04005	ME
12-10-0104	BROOK HILL FARM	ATT MILTON STONE	TILTON	03276	NH
12-11-0103	CRESCENT FARM 1	WENTWORTH RD	WALPOLE	03608	NH
12-11-0108	CHESHIRE COUNTY FARM		WESTMORELAND DEPO	03467	NH
12-11-0128	HILLSIDE VIEW FARM	HARRY C TENNEY RF	KEENE	03431	NH
12-11-0129	PLUMB, FRANCIS	MELLOW MEADOWS FAR	WALPOLE	03608	NH
12-11-0140	PLEASANT VALLEY FARM		WINCHESTER	03470	NH
12-11-0149	ADAMS, ROGER S.		WESTMORELAND	03467	NH
12-11-0153	RICH WAL FARM		WESTMORELAND	03467	NH
12-11-0176	CRESCENT FARM 2	WENTWORTH RD	WALPOLE	03608	NH
12-12-0101	FRIZZELL, EDWIN	R F D 1	COLEBROOK	03576	NH
12-12-0104	FRIZZELL, BERNARD	FRIZZHOME FARM	GROVETON	03582	NH
12-12-0105	COOS COUNTY FARM		WEST STEWARTSTOWN	03597	NH
12-12-0112	MARTIN, MILLARD	R F D 1	LANCASTER	03584	NH
12-12-0173	MARSHALL, A.J. & SONS	BOX 95	NORTHUMBERLAND	03905	NH
12-12-0174	IDLENOT HOLSTEIN FARM	ATT: WINSTON BANFI	NORTH STRATFORD	03590	NH
12-12-0209	WHITAKER G L & C H	R F D 1	NORTH STRATFORD	03590	NH
12-13-0109	KING, EVERETT R.	R F D	LYME	03768	NH
12-13-0113	PATCH, WALLACE H. AND SO	BOX 270	LEBANON	03766	NH
12-13-0116	TOWNSEND, NORMAN	STARRS HILL	LEBANON	03766	NH
12-13-0117	KORPELA, JOHN AND SON	RFD 1	WEST LEBANON	03784	NH
12-13-0146	PUTNAM, WILLIAM AND SON		HAVERHILL	03765	NH
12-13-0147	RITCHIE, GEORGE F.		HAVERHILL	03765	NH
12-13-0154	STODDARD, GERALD A.		NORTH HAVERHILL	03774	NH
12-13-0155	REED GLEN FARM	R F D	NORTH HAVERHILL	03774	NH
12-13-0162	GRAFTON COUNTY FARM	BOX 267	WOODSVILLE	03785	NH
12-13-0169	CLEMENT, DAVID	JOCKEY HILL FARM	LISBON	03585	NH
12-13-0172	SPRINGVALE FARMS	R F D 2	LISBON	03585	NH
12-13-0174	DENNIS, RALPH E.	RFD	ORFORD	03777	NH
12-13-0181	WARD, LINFIELD		MONROE	03771	NH
12-13-0194	ROBIE, FREEMAN	R F D	PIERMONT	03779	NH
12-13-0200	WARD, H. NORMAN		MONROE	03771	NH
12-13-0201	BIRCHBROOK FARM	R F D	LISBON	03585	NH
12-13-0205	RECORD, WALTER L.		LYME	03768	NH
12-13-0206	THAYER, ORMAN AND SONS	R F D	NORTH HAVERHILL	03774	NH
12-13-0210	TULLAR, GEORGE		ORFORD	03777	NH
12-13-0216	MORRIS, WALTER B.	RFD	HAVERHILL	03765	NH
12-13-0217	FOBES FARM	BOX 57	FRANCONIA	03580	NH
12-13-0225	TULLAR, BERNARD		LYME	03768	NH
12-13-0249	CLEAR DAY FARM	BOX 27A	LISBON	03585	NH
12-13-0256	LEWIS, DALE & JACQUELINE	R F D	HAVERHILL	03765	NH
12-13-0260	CHASE, ROBERT C. HD 2	R F D 2	WOODSVILLE	03785	NH
12-14-0103	HILLSBOUGH COUNTY FARM	BOX 42	GRASMERE	03046	NH
12-14-0110	CLOVERLY FARM	R F D	SOUTH LYNDEBORO	03082	NH
12-14-0121	JOPPA HILL FARM	R F D 2	MANCHESTER	03100	NH
12-14-0150	CHESTNUT RIDGE FARM		AMHERST	03031	NH
12-14-0167	TROMBLY, STANLEY E.	R D	MILFORD	03055	NH
12-14-0173	CLARKS FARM	WORTHLY ROAD	MANCHESTER	03100	NH
12-14-0174	KNOXLAND FARM, INC.	R F D 2	WEARE	03281	NH
12-14-0176	WHEELER, KARL F.	NASHUA ST WHEELND	MILFORD	03055	NH
12-15-0104	BLOOD, DR. ROBERT O.	CRYSTAL SPRING FAR	EAST CONCORD	03300	NH
12-15-0105	N. H. STATE PRISON FARM	NO STATE ST	CONCORD	03300	NH
12-15-0119	GREEN GOLD FARM	R F D 1	SUNCOOK	03275	NH
12-15-0126	KIMBALL, FRANK AND SON	R F D 1	CONCORD	03301	NH
12-15-0127	SAND BANK FARM	ATT ROBERT RUSSELL	CONTOOCOOK	03229	NH
12-15-0148	OSBORNE, DAVID L.	R F D	PITTSFIELD	03263	NH
12-15-0150	NELSON, STANLEY	STONEYNOOK FARM	CONTOOCOOK	03229	NH
12-15-0151	MORRILL, JOHN H. AND SON	31 PENACOOK STREET	PENACOOK	03303	NH
12-15-0154	FISHER, S. EMERY	FISHER FARM RFD 9	PENACOOK	03303	NH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
12-15-0160	ROSSVIEW FARM	DISTRICT 5 ROAD	CONCORD	03300	NH
12-15-0163	BARTLETT, STANLEY	R F D 8	CONCORD	03300	NH
12-15-0164	JORDAN, WILLIAM T. & SON	KADOCKADEE FARM RF	CONCORD	03301	NH
12-15-0169	KIMBALL, LLOYD	R F D 2	PITTSFIELD	03263	NH
12-15-0177	ELLIOTT, EARL	R. F. D. 1	PITTSFIELD	03263	NH
12-15-0188	MESSER, PETER	KING HILL FARM	NEW LONDON	03257	NH
12-15-0193	DURGIN, LLOYD L.	SHAKER HILL RD.	HENNIKER	03242	NH
12-16-0101	BURWELL FARM	JAMES A MATAROZZO	EXETER	03833	NH
12-16-0131	BODWELL, H. AND SONS		EAST KINGSTON	03827	NH
12-16-0149	JOHNSON, SAM & SONS HD 1		NORTHWOOD	03261	NH
12-16-0153	RUNNYMEDE FARM		NORTH HAMPTON	03862	NH
12-17-0104	LEVEL ACRES FM E. RILEY	64 LITTLEWORTH ROA	DOVER	03820	NH
12-17-0107	PIERCE, WESLEY		CENTER STRAFFORD	03815	NH
12-17-0113	STILES, W. G. AND SONS	CENTER STRAFFORD	STRAFFORD	03884	NH
12-17-0130	UNIV. OF NEW HAMPSHIRE	ATT: T. P. FAIRCHI	DURHAM	03824	NH
12-17-0133	GREEN DREAM FARM	R F D 2	DOVER	03820	NH
12-17-0135	UNIV. OF NEW HAMPSHIRE	ATT: T. P. FAIRCHI	DURHAM	03824	NH
12-17-0140	UNIV. OF NEW HAMPSHIRE	ATT: T. P. FAIRCHI	DURHAM	03824	NH
12-17-0143	RIVERSIDE FM RON BATEMA	R F D 1	NEWMARKET	03857	NH
12-17-0145	SCRUTONS DAIRY FARM	R F D 2	ROCHESTER	03867	NH
12-17-0149	GEARWAR, ALBERT	R F D 1	DURHAM	03824	NH
12-17-0153	N. H. AG EXPERIMENT STA.	RITZMAN LAB J HOLT	DURHAM	03824	NH
12-17-0154	DAY, HERBERT E.	ROCKY HILL ROAD	SOMERSWORTH	03878	NH
12-17-0156	HALE, WILLIAM H.	HUCKINS RD.	DOVER	03820	NH
12-18-0106	BASCOM, HARVEY	GRAYDAWN FARM	ALSTEAD	03602	NH
12-18-0108	BASCOM, HORACE	HEMLOCK ROAD	CHARLESTOWN	03603	NH
12-18-0112	SHUGAH VALE, INC.	R F D 1	CLAREMONT	03743	NH
12-18-0113	HOLMES FARM	R F D	ALSTEAD	03602	NH
12-18-0134	ADAMS, FRANK D.	R F D 1	CHARLESTOWN	03603	NH
12-18-0156	GOWEN, GORDON H.		ALSTEAD	03602	NH
12-18-0162	PUTNAM, FRED	R F D 2	CLAREMONT	03743	NH
12-18-0165	RUNNALS, GEORGE A.	R F D 2	WINDSOR	05089	VT
12-18-0168	READ, MR & MRS ALBERT	R F D 2	WINDSOR	05089	VT
12-18-0178	MERRELL, DANA		ALSTEAD	03602	NH
12-18-0208	HIGH VIEW CHURCH FARM		EAST LEMPSTER	03606	NH
13-01-0022	FORD, JAMES R.	FORDHAVEN FARM RFD	NEW HAVEN	05472	VT
13-01-0144	BARNES, EDWARD AND SONS	R D 1	VERGENNES	05491	VT
13-01-0166	BREE-ZEE HILL FARM	RT 1 L & P GINGRAS	VERGENNES	05491	VT
13-01-0168	ZOLLINGER, HERMANN	R D 2	MIDDLEBURY	05753	VT
13-01-0197	PECK, HAROLD		SHOREHAM	05770	VT
13-01-0202	AUDET, LEANDRE		ORWELL	05760	VT
13-01-0203	AUDET, NAGLOIRE		ORWELL	05760	VT
13-01-0212	SCAPELAND FARM		WHITING	05778	VT
13-01-0214	DUBOIS GEORGE & MADELEIN		SHOREHAM	05770	VT
13-01-0231	AUDET, NORM AND MARYROSE	R F D 1	VERGENNES	05491	VT
13-01-0260	POCANTICO FARM		SHOREHAM	05770	VT
13-01-0261	MAC LAREN, MRS. ANNE	R D	BENSON	05731	VT
13-01-0274	MALZAC, G. & M.		SHOREHAM	05770	VT
13-01-0311	FOOTE, ARLYN W & W E SR	R D	MIDDLEBURY	05753	VT
13-01-0313	ROADS-END FARM	R D	VERGENNES	05491	VT
13-01-0314	JACKSONS CORNER ACRES	R D	VERGENNES	05491	VT
13-01-0324	BROAD VIEW FARM	R D 2 BOX 124	BRISTOL	05443	VT
13-01-0331	BURNHAM, D. E. & SON		VERGENNES	05491	VT
13-01-0340	FARNHAM + ORVIS		SHOREHAM	05770	VT
13-01-0347	SAUNDERS, LEE W.	R D 2	BRISTOL	05443	VT
13-01-0365	PARTRIDGE BROTHERS	R F D	ORWELL	05760	VT
13-01-0366	KNEE-DEEP FARM	R D 1 WHITCOMB HM	VERGENNES	05491	VT
13-01-0368	HUNGER, ROGER & MAY		WHITING	05778	VT
13-01-0375	DYKEMA, CORNIE	WILCON FARM	NORTH FERRISBURG	05473	VT
13-01-0382	KAYHART FARMS INC.	R D 2 BOX 282	VERGENNES	05491	VT
13-01-0395	MILAWAY, M. & H. FARM	RFD2	MIDDLEBURY	05753	VT
13-01-0398	SAVAGE, ALBERT E.		ORWELL	05760	VT
13-01-0410	HALLOCK, K. B. AND D. W.	AIRYHEAD FARM	VERGENNES	05491	VT
13-01-0411	HOWLETT, THOMAS & DIANE	R F D	BRIDPORT	05734	VT
13-01-0412	HUESTIS, ARTHUR & JOAN	R F D	BRIDPORT	05734	VT
13-01-0418	PRATT, WILBUR		VERGENNES	05491	VT
13-01-0422	SMITH, ROBERT H.&CAROL P	RD1	VERGENNES	05491	VT
13-01-0423	SMITH, GUY E. & SONS FM	R D 1	VERGENNES	05491	VT
13-01-0428	WOOD, ROLAND	RFD1	VERGENNES	05491	VT
13-01-0435	MCBRIDE,C.R. & J.H. HD1	R D 3	VERGENNES	05491	VT
13-01-0436	BODETTE, RAYMOND JR.	R F D 1	VERGENNES	05491	VT
13-01-0452	ALLENWOOD INC.		NEW HAVEN	05472	VT
13-01-0464	HASTINGS, DALE E.	R D 1	VERGENNES	05491	VT
13-01-0473	OVERWHERE FARM	RD1 BOX 344	VERGENNES	05491	VT
13-01-0478	DYKEMA, SIDNEY	R D 1	VERGENNES	05491	VT
13-01-0530	BOURGOIS, BROS.		VERGENNES	05491	VT
13-01-0534	PURINTON, ROBERT	STAR ROUTE	BRISTOL	05443	VT
13-01-0540	SISTERS, PAUL		FERRISBURG	05456	VT
13-01-0542	KITTREDGE,STEPHEN C. HD.	KITTREDGE&SNSDAIRY	VERGENNES	05491	VT
13-01-0563	ATKINS, ROLLIN		FERRISBURG	05456	VT
13-01-0613	WRIGHT, DAVID	R 3	MIDDLEBURY	05753	VT
13-01-0620	SEVERY, JUDSON & DORIS	CORNWALL - RD 2	MIDDLEBURY	05753	VT
13-01-0640	GALVIN, F. AND SONS		SALISBURY	05769	VT
13-01-0643	SABOURIN, HECTOR	R F D 3	MIDDLEBURY	05753	VT
13-01-0712	STOWE FARM	RD2 BOX 97	BRISTOL	05443	VT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
13-01-0728	NORRIS, VERNICE		BRISTOL	05443	VT
13-01-0734	MC KINLEY, JOHN R. JR.	R D 2	VERGENNES	05491	VT
13-01-0808	LARRABEE, W. C. AND V. S		SHOREHAM	05770	VT
13-01-0816	SIMMONS FARM	ROLAND T SIMMONS	ORWELL	05760	VT
13-01-0914	HILTUNEN, ARNE & KATHLEE	R D 1	BRIDPORT	05734	VT
13-01-0920	TORREY, MERTON & STEVEN	R D 1	VERGENNES	05491	VT
13-02-0012	FAIRDALE FARM 2 INC.	WEST ROAD	BENNINGTON	05201	VT
13-02-0015	BRYANT, CHRISTOPHER	HERD 1, R.D.	MANCHESTER CENTER	05255	VT
13-02-0017	HALL FARM		NORTH BENNINGTON	05257	VT
13-02-0034	VAUGHN, MILLARD	R F D 1	ARLINGTON	05250	VT
13-02-0041	POLYMEADOWS FARM		SOUTH SHAFTSBURY	05262	VT
13-02-0071	KELLY, JOHN T.	R F D 1	EAGLE BRIDGE	12057	NY
13-02-0072	SMITH, ERNEST JR.	R F D 1	SALEM	12865	NY
13-02-0089	SHADOWBROOK FARM	BOX 767	BENNINGTON	05201	VT
13-02-0090	ANDREWS, HOWARD	R F D	EAGLE BRIDGE	12057	NY
13-02-0099	ZECHER, I. STANFORD JR.	R F D	EAST DORSET	05253	VT
13-02-0105	STEELE, HENRY & JOHN		PAWLET	05761	VT
13-02-0122	HERRINGTON, SHERMAN	R D 2	HOOSICK FALLS	12090	NY
13-03-0018	WILDER FARM		LYNDONVILLE	05851	VT
13-03-0023	WILLSON, DEAN	R F D 1	ST. JOHNSBURY	05819	VT
13-03-0027	BEAN, LEO	R R 1	SAINT JOHNSBURY	05819	VT
13-03-0053	SIMPSON, DONALD		SUTTON	05867	VT
13-03-0055	SIMPSON, BERNARD		SUTTON	05867	VT
13-03-0120	RICKER, GEO & PETERSON,		GROTON	05046	VT
13-03-0144	PECK, RONALD	BOX 36	DANVILLE	05828	VT
13-03-0169	SEYMOUR, GORDON H.	EVELON FARM	SUTTON	05867	VT
13-03-0173	PAGE, HOWARD		GROTON	05046	VT
13-03-0211	WHITE, REGINALD		RYEGATE	05042	VT
13-03-0223	PEARL, MERWYN		BARNET	05821	VT
13-03-0230	EASTMAN, HAROLD A.	RD BRAINERD ROAD	DANVILLE	05828	VT
13-03-0331	WARD, KENNETH E.	R F D	SAINT JOHNSBURY	05819	VT
13-03-0338	LANGMAID, HUGH	R F D 3	SAINT JOHNSBURY	05819	VT
13-04-0008	HEINS, JOHN C.	R F D 2	WILLISTON	05495	VT
13-04-0115	SHELBURNE FARMS		SHELBURNE	05482	VT
13-04-0119	VARNEY, HARRY	SNOWDRIFT LANE	CHARLOTTE	05445	VT
13-04-0145	BENNETT, ROGER AND DOUG	R F D	RICHMOND	05477	VT
13-04-0173	BUSHEY, RANDALL FARM 2		ESSEX JUNCTION	05452	VT
13-04-0195	KALI YUGA FARM 2	R D 1	HINESBURG	05461	VT
13-04-0203	BUSHEY BROTHERS FARM 1	R D 2	ESSEX JUNCTION	05452	VT
13-04-0204	CHAPMAN, MARVIN	R F D	WILLISTON	05495	VT
13-04-0205	CLARK, MARVIN	R F D	WILLISTON	05495	VT
13-04-0208	FONTAINE, RAYMOND	R F D	WILLISTON	05495	VT
13-04-0225	SWEENEY, R. L.	R F D	MILTON	05468	VT
13-04-0228	COLLINS, DR. FARM		COLCHESTER	05446	VT
13-04-0231	DEVINO, EARL	R F D 2	MILTON	05468	VT
13-04-0309	THOMPSON, ROLAND E.		COLCHESTER	05446	VT
13-04-0315	PACKARD, ARTHUR JR.	R F D 1	ESSEX JUNCTION	05452	VT
13-04-0420	QUESNEL, HERMAN	R F D	HUNTINGTON	05462	VT
13-04-0501	VT AG EXP STA S. GIBSON	DAIRY BUILDING U V	BURLINGTON	05401	VT
13-04-0503	VT AG EXP STA S. GIBSON	DAIRY BUILDING U V	BURLINGTON	05401	VT
13-04-0504	VT AG EXP STA S. GIBSON	DAIRY BUILDING U V	BURLINGTON	05401	VT
13-06-0006	GATES, CHARLES & HUGH		FRANKLIN	05457	VT
13-06-0024	NOISEUX, MRS. A. B.	R F D 3	ENOSBURG FALLS	05450	VT
13-06-0108	BESSETTE, JAMES & REBECC	R D 1	SWANTON	05488	VT
13-06-0109	GUAY, BERNARD	RD 3	SAINT ALBANS	05478	VT
13-06-0111	HUBBARD, GEORGE F.	R D 1	SAINT ALBANS	05478	VT
13-06-0126	VALLEE, R. L.	R D 1	SAINT ALBANS	05478	VT
13-06-0130	DUNSMORE, DR. MURRAY	R D 1	SWANTON	05488	VT
13-06-0216	SUNSET VIEW FARM	R. D. 2	ENOSBURG FALLS	05450	VT
13-06-0219	TULIP, DR. HENRY T.	R D 2	SAINT ALBANS	05478	VT
13-06-0314	HULL, WENDALL	R D 2	ENOSBURG FALLS	05450	VT
13-06-0386	HUBBARD, RALPH	R D 1	SAINT ALBANS	05478	VT
13-06-0399	CARPENTER, JOHN & BETTY	R D FARM 1	ENOSBURG FALLS	05450	VT
13-06-0455	SWEET, ERNEST & CATHERIN	R F D	EAST FAIRFIELD	05448	VT
13-06-0474	CARPSDALE FARM, INC.	RD FARM 2	ENOSBURG FALLS	05450	VT
13-06-0476	MAYOTTE, DAVID & BARBARA	R F D 2	EAST FAIRFIELD	05448	VT
13-06-0492	BEGNOCHE, GASTON		MONTGOMERY CENTER	05471	VT
13-06-0503	CONGER, NEIL		ST ALBANS	05478	VT
13-06-0618	COUTURE, PAUL & RAYMONDE	RFD HERD 1	ENOSBURG FALLS	05450	VT
13-06-0621	HAWLEY, BRIAN	R.D.1	SWANTON	05488	VT
13-06-0630	DEAN, JAMES C.	RFD 1	ST. ALBANS	05478	VT
13-06-0649	DUNSMORE, CAROL	RFD1	SWANTON	05488	VT
13-07-0042	BULLIS, FRANK	R F D 1	GRAND ISLE	05458	VT
13-08-0012	JONES, ROBERT	R D	HYDE PARK	05655	VT
13-08-0022	TAPLIN, CHARLES HD2		STOWE	05672	VT
13-08-0040	KEITH BROTHERS		MORRISVILLE	05661	VT
13-08-0051	HUNT, WILBUR & VICTOR		JEFFERSONVILLE	05464	VT
13-08-0053	TRASK, FREDERICK JR. HD1		CAMBRIDGE	05444	VT
13-08-0122	WHITAKER, HOWARD & ARDEL		HYDE PARK	05655	VT
13-08-0125	GATES, GORDON HERD 1		CAMBRIDGE	05444	VT
13-08-0146	MAXHAM, J. ALLEN	JAM HOLSTEIN FARM	JOHNSON	05656	VT
13-08-0177	DEL-KING FARM	R F D	EDEN	05652	VT
13-09-0003	BUTTON, ARTHUR		CHELSEA	05038	VT
13-09-0005	HOWE, CHARLIE J. & ALAN	HOWEACRES FARM	TUNBRIDGE	05077	VT
13-09-0007	HOWE, MARK A.		TUNBRIDGE	05077	VT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
13-09-0008	HOWE, MERLE W.		TUNBRIDGE	05077	VT
13-09-0048	WHITNEY AND LYMAN	BARN 1	CHELSEA	05038	VT
13-09-0106	LEETE, D. AND S.		WELLS RIVER	05081	VT
13-09-0133	CARPENTER, CONRAD	R F D	RANDOLPH CENTER	05061	VT
13-09-0134	STOCKING, DONALD	R F D	FAIRLEE	05045	VT
13-09-0139	HODGDON, PERRY & CAROL	R F D	RANDOLPH	05060	VT
13-09-0140	GULICK, DONALD		ELY	05044	VT
13-09-0148	BROWN, FRANK H. JR.	R F D 1	BRADFORD	05033	VT
13-09-0167	SMITH, DONALD A.	R F D	RANDOLPH CENTER	05061	VT
13-09-0169	VERMONT TECH COLLEGE	HOLSTEIN HERD	RANDOLPH CENTER	05061	VT
13-09-0170	BLAISDELL, KENNETH JR.	R F D	RANDOLPH CENTER	05061	VT
13-09-0184	STEVER, MELVIN J.	R D 1	ELY	05044	VT
13-09-0191	DICKIE, KATHLEEN & LOGAN		HAVERHILL	03765	NH
13-09-0198	PALMER, WALTER G.	R F D	RANDOLPH	05060	VT
13-09-0201	AVERY, ALBERT S.		WEST TOPSHAM	05086	VT
13-09-0204	BURGESS FARM A&K BURGESS		BRADFORD	05033	VT
13-09-0216	METCALF, BRYCE	R D 1	EAST CORINTH	05040	VT
13-09-0224	TYLER FARMS		WEST NEWBURY	05085	VT
13-09-0225	WHITE, DUSTIN & JANICE		CORINTH	05039	VT
13-09-0251	DEVINS BROTHERS		BRADFORD	05033	VT
13-09-0252	SUNSET HILL FM2 OCSTEVEN	TERRACE ROAD R D 1	WELLS RIVER	05081	VT
13-09-0261	LEWIS, DELWIN & SON INC.		STRAFFORD	05072	VT
13-09-0267	BRALEY, GEO. M. & LINDA	RFD2	RANDOLPH	05060	VT
13-09-0280	BROWN AND DONAHUE		ROYALTON	05063	VT
13-09-0305	GEORGE, GORDEN	R F D 1	ELY	05044	VT
13-09-0314	ROBINSON BROTHERS		SHARON	05065	VT
13-09-0322	HARKDALE FARM INC. AYR		NEWBURY	05051	VT
13-09-0324	DUNLOOKIN FARM	ARTHUR & BRUCE HYD	BRADFORD	05033	VT
13-09-0403	WHITCOMB, NEWTON		CHELSEA	05038	VT
13-09-0409	EDWARDS, A. & SONS		CHELSEA	05038	VT
13-09-0427	PINEVILLE FARM	R F D	RANDOLPH CENTER	05061	VT
13-09-0517	NEEDLES EYE FARM		TUNBRIDGE	05077	VT
13-09-0532	RUSSELL, S. F. AND P. C.		TUNBRIDGE	05077	VT
13-09-0538	ROBINSON, RALPH		STRAFFORD	05072	VT
13-09-0713	LITTLE, FABIAN	R F D 2	WILLIAMSTOWN	05679	VT
13-09-0728	ABBOT, HARTWELL B. JR.	STAR ROUTE	RANDOLPH CENTER	05061	VT
13-09-0736	SPAULDING, J. H. & B. S.	R F D 1	SOUTH ROYALTON	05068	VT
13-09-0747	CAMP, LAWRENCE G.		EAST RANDOLPH	05041	VT
13-09-0802	CHURCHILL, ROBERT	R F D	BROOKFIELD	05036	VT
13-09-0805	PALMER FARM		RANDOLPH CENTER	05061	VT
13-09-0808	FLIN-DALL RANCH	RFD1	RANDOLPH	05060	VT
13-09-0817	BROWN, ARTHUR		WASHINGTON	05675	VT
13-10-0004	DURGIN, HARRY F.	SUNSET DRIVE R F D	WEST CHARLESTON	05872	VT
13-10-0009	JORDAN, JAMES & NANCY		MORGAN CENTER	05854	VT
13-10-0026	BEFORE, MAURICE T.	AGAWAM FARM RT 2	NEWPORT	05855	VT
13-10-0027	PETIT, EDMOND	R D 2	NEWPORT	05855	VT
13-10-0029	SHATNEY, CARROLL		GREENSBORO BEND	05842	VT
13-10-0033	MARTIN, ROGER		CRAFTSBURY COMMON	05827	VT
13-10-0035	CHAMBERLIN, RUPERT	R F D	BARTON	05822	VT
13-10-0036	DUNBAR, WAYNE & ELAINE	FOUR-WINDS FARM	CRAFTSBURY	05826	VT
13-10-0040	POULIN, GASTON		NORTH TROY	05859	VT
13-10-0043	ELLIOTT, BRYCE & JAN	R D	BARTON	05822	VT
13-10-0049	NELSON, DOUGLAS		DERBY LINE	05830	VT
13-10-0307	MAXWELL, MAURICE & LOIS	R D 1	NEWPORT	05855	VT
13-10-0321	PETIT, ROBERT	R D 2	NEWPORT	05855	VT
13-10-0323	PERRY, LEON	R F D	ORLEANS	05860	VT
13-10-0335	ROBILLARD, JOSEPH & MARI	DERBYVIEW FARM R D	NEWPORT	05855	VT
13-10-0341	MAXWELL, DALE & MARGARET		EAST CHARLESTON	05833	VT
13-10-0350	LEBLANC, RAYMOND&SUZANNE	BURTON HILL FARM	BARTON	05822	VT
13-10-0351	MAXWELL, DALE	R D 1	BARTON	05822	VT
13-10-0372	LEBLANC, GABRIEL & JEANN		BARTON	05822	VT
13-10-0404	LUMSDEN, LEE		HARDWICK	05843	VT
13-10-0405	HOUSTON, GARY		CRAFTSBURY	05826	VT
13-10-0406	MEUNIER, ROGER & DEBORAH		WESTFIELD	05874	VT
13-10-0412	LAWSON, JERRY & EFFIE	R D 2	NEWPORT	05855	VT
13-10-0416	LAMARCHE, CLAUDE & CARNE		IRASBURG	05845	VT
13-10-0417	LUMSDEN, LAWRENCE	R D	GREENSBORO BEND	05842	VT
13-10-0440	JUDD, ROBERT		NORTH TROY	05859	VT
13-10-0448	PROVOST, HENRY		DERBY	05829	VT
13-10-0450	ROYER, ANDREW		NEWPORT CENTER	05857	VT
13-10-0466	RODGERS, JOHN & SON	RODGERS FARM R F D	WEST GLOVER	05875	VT
13-10-0471	LEBLANC, GASTON,JR.	R.F.D.	NORTH TROY	05859	VT
13-10-0480	BLODGETT, WARREN&RUSSELL	R F D	ORLEANS	05860	VT
13-11-0107	CONGDON BROTHERS		NORTH CLARENDON	05759	VT
13-11-0116	MILLS, HAROLD L.		FLORENCE	05744	VT
13-11-0120	THOMAS, ORIN A. & SONS	ROUTE 1	RUTLAND	05701	VT
13-11-0127	GALLIPO, ROONEY & FRED	R F D	RUTLAND	05701	VT
13-11-0132	KIMBALL, DEXTER	OLD TOWN FRM RD RD	BRANDON	05733	VT
13-11-0203	DAVENPORT, JAMES & SON	R F D	WALLINGFORD	05773	VT
13-11-0217	STAFFORD, FRANK&VIRGINIA	R F D	WALLINGFORD	05773	VT
13-11-0317	PARKER, ELVID		SOUTH GRANVILLE	12832	NY
13-11-0324	PARKER, ELON		GRANVILLE	12832	NY
13-11-0351	BY ROX FARM		RUTLAND	05701	VT
13-11-0357	CRESSY, CLIFTON & D.R.	R D 1	FLORENCE	05744	VT
13-11-0389	WY-RO MAPLE LANE FARMS	R D 1	MIDDLETOWN SPRING	05757	VT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
13-11-0402	BUXTON, HENRY		MIDDLETOWN SPRING	05757	VT
13-11-0406	PURPLE DELL FARM	RFD1 ATT L. HASHAK	HAMPTON	12837	NY
13-11-0411	LADD, BERT HERD 1	WEST RUTLAND RD, R	IRA	05777	VT
13-11-0438	MCGANN, ROY	RD 1	POULTNEY	05764	VT
13-11-0457	MONROE, ALAN & FRANCES	RD2	BRANDON	05733	VT
13-11-0458	PERRY, WALTER C. HERD 2		HAMPTON	12837	NY
13-11-0467	SMOKEY HOUSE FARM	BOX 238	DANBY	05739	VT
13-11-0504	KING, KENYON		BENSON	05731	VT
13-12-0007	GOVE, ROBERT	P.O. BOX 565	MORETOWN	05660	VT
13-12-0013	MAYNARD, EVERETT C.	R F D 1	MORETOWN	05660	VT
13-12-0014	NEILL, ELWIN A.	ROUTE 1	MORETOWN	05660	VT
13-12-0026	CHURCHILL, PERCY &PAULIN		CABOT	05647	VT
13-12-0085	ABBOTT, KNIGHT & RUTH	BOX 22	CABOT	05647	VT
13-12-0108	DODGE, GEORGE	R F D 3	BARRE	05641	VT
13-12-0114	HOLLY BROOK FARMS		WEST DANVILLE	05873	VT
13-12-0115	GOULD, DICK, MARGARET&RD		MARSHFIELD	05658	VT
13-12-0154	BLAISDELL, CARLTON	R F D	WEST DANVILLE	05873	VT
13-12-0161	CARPENTER, CHAS & BARBAR	R F D 1	MARSHFIELD	05658	VT
13-12-0172	BOUTIN, ARMAND	R F D 1	WILLIAMSTOWN	05679'	VT
13-12-0174	WHITE, NELSON & VELMA		WEST DANVILLE	05873	VT
13-12-0181	HALL, JOHN & DONNA	R F D	EAST MONTPELIER	05651	VT
13-12-0191	CLEAVES, AUSTIN	R D	EAST MONTPELIER	05651	VT
13-12-0227	SCRIBNER, STANLEY	R D 3	MONTPELIER	05602	VT
13-12-0244	BROCK, JOHN W.	R F D 3	MONTPELIER	05602	VT
13-12-0254	MAC-NOBLE FARMS INC.		EAST MONTPELIER	05651	VT
13-12-0255	LAMBERT, RICHARD & LINDA	HERD 1	GRANITVILLE	05654	VT
13-12-0259	LINDER, DALE A & DINNY S	R F D 1	PLAINFIELD	05667	VT
13-12-0266	BANCROFT, ROBERT L.	R F D 1	EAST MONTPELIER	05651	VT
13-12-0268	BOOTH, GORDON	R F D 3	BARRE	05641	VT
13-12-0337	BOUCHARD, PAUL & LOUISE	R F D	PLAINFIELD	05667	VT
13-13-0015	MILLER, P.E. & J. M.		VERNON	05354	VT
13-13-0018	PUTNEY SCHOOL, INC.	LAURENCE TITUS MGR	PUTNEY	05346	VT
13-13-0061	RANNEY, ISABELLE S.	R F D	PUTNEY	05346	VT
13-13-0072	JACQUE, WILLIAM	JACKSONVILLE ROAD	COLRAIN	01340	MA
13-13-0107	DUNKLEE, ALFRED A.		VERNON	05354	VT
13-13-0140	KURN HATTIN HOME		WESTMINISTER	05158	VT
13-13-0145	SUMNER, HOMER		WEST HALIFAX	05358	VT
13-13-0312	JANEWAY, EDWARD		SOUTH LONDONDERRY	05155	VT
13-14-0108	GILNOCKY FARM	ATT B.W. SMITH BX7	WINDSOR	05089	VT
13-14-0133	HUNT, JOHN		HARTLAND FOUR COR	05049	VT
13-14-0142	GREEN ACRES FARM 1	BOX 114	NORTH HARTLAND	05052	VT
13-14-0149	BISHOP FARM INC 2	R F D	SPRINGFIELD	05156	VT
13-14-0154	GERMAIN, LEONARD L	R F D	SPRINGFIELD	05156	VT
13-14-0160	BIGELOW, DON	RFD 3	BETHEL	05032	VT
13-14-0166	DODGE, GEORGE H.	STAR ROUTE	SOUTH ROYALTON	05068	VT
13-14-0170	EDDY, STEPHEN H.	R F D 3 FARM NO. 1	BETHEL	05032	VT
13-14-0171	EDDY, DAVID & JEAN P.	R F D 1	BETHEL	05032	VT
13-14-0173	ADAMS BROTHERS	R D 1	CHESTER	05143	VT
13-14-0180	NOSMAN, D. F.	R F D	SPRINGFIELD	05156	VT
13-14-0188	MAXHAM, M. P.	R F D	HARTLAND	05048	VT
13-14-0195	KETCHUM, FRANCIS & ROBER		STOCKBRIDGE	05772	VT
13-14-0201	HARVEY BROS ATT R HARVEY		ROCHESTER	05767	VT
13-14-0202	BILLINGS FARM		WOODSTOCK	05091	VT
13-14-0205	CONKLIN, ALBERT E.	ROUTE 1 BOX 128	WOODSTOCK	05091	VT
13-14-0212	LEXINGTON FARM	ATT E H LOCKE	READING	05062	VT
13-14-0214	QUINN, FORREST	R F D	WOODSTOCK	05091	VT
13-14-0223	BISHOP FARM INC 3	R F D	SPRINGFIELD	05156	VT
13-14-0228	GLENDOWER FARM	P. O. BOX 17	SOUTH NEWBURY	05066	VT
13-14-0316	LEWIS, ORA	R F D 2	WOODSTOCK	05091	VT
13-14-0322	RIKERT, JAMES	R F D 2	SOUTH ROYALTON	05068	VT
13-14-0329	MAPLEROW FARM		WHITE RIVER JUNCT	05001	VT
13-14-0416	MAXFIELD, N. B. AND SONS		NORTH HARTLAND	05052	VT
13-14-0508	HUNT, JOHN R.		ROCHESTER	05767	VT
13-14-0524	MARTIN FARMS		ROCHESTER	05767	VT
14-10-0001	HALE BROTHERS	SUNSET FARM 2	TYRINGHAM	01264	MA
14-10-0002	WILDE, MR. & MRS. H. G.	HIGHLAWN FARM	LENOX	01240	MA
14-10-0008	PULPIT ROCK FARM	916 E. NEW LENOX R	PITTSFIELD	01200	MA
14-10-0011	CANDE, NELSON	FLINTSTONE FM NO.	DALTON	01226	MA
14-10-0013	MALNATI, DR. & MRS J. J.	1054 STATE ROAD	NORTH ADAMS	01247	MA
14-10-0101	TRYON, RICHARD		MONTEREY	01245	MA
14-10-0126	HOWARD, WALTER	HOWARD FARM	TYRINGHAM	01264	MA
14-10-0133	MALNATI, ANTONIO J.		ASHLEY FALLS	01222	MA
14-10-0138	WALKER, JOHN F.	R D	WEST STOCKBRIDGE	01266	MA
14-10-0227	LEGEYT, RICHARD H.	RFD	SHEFFIELD	01257	MA
14-10-0230	LIMESTONE FARM	SSR	CANAAN	06018	CT
14-10-0231	CRYSTAL HILL FARM		MILL RIVER	01244	MA
14-10-0233	TURNER, WILLIAM & SONS	ATT F TURNER BOX 1	GREAT BARRINGTON	01230	MA
14-10-0235	CHAPIN, ROBERT A.		SHEFFIELD	01257	MA
14-10-0244	BANGS, FRED A.		ASHLEY FALLS	01222	MA
14-10-0246	DELLERT, DWIGHT		ASHLEY FALLS	01222	MA
14-10-0309	GALUSHA, DANIEL E.	GREEN RIVER ROAD	WILLIAMSTOWN	01267	MA
14-10-0311	RODDA, ARTHUR		HANCOCK	01237	MA
14-10-0325	PHELPS, HARLEY	NEW ASHFORD	LANESBORO	01237	MA
14-10-0327	FLETCHERS JERSEY ACRES		CHESHIRE	01225	MA
14-10-0345	WIRTES, ROBERT	SILVER BIRCH FARM	LANESBORO	01237	MA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
14-10-0348	BALAWENDER, FRED S.		CHESHIRE	01225	MA
14-10-0352	QUIMBY, DONALD HD 1	HANCOCK ROAD	WILLIAMSTOWN	01267	MA
14-10-0407	SLATER, CHARLES	R D 1 MONTEREY RD	TYRINGHAM	01265	MA
14-11-0117	PURINGTON, HERBERT	WILSON HILL	COLRAIN	01340	MA
14-11-0150	HASTINGS, DALE E.	383 EAST RIVER ST	ORANGE	01364	MA
14-11-0164	PARSONS, RICHARD G.	R F D 2 BOX 171	NORTHFIELD	01360	MA
14-11-0168	HERZIG, DONALD W.	SHELBURNE FALLS RD	CONWAY	01341	MA
14-11-0177	YOUNGBLOOD FARM 1	OLD ALBANY RD.	GREENFIELD	01301	MA
14-11-0181	CHICKERING,SAM,JOAN,CARI	EMERALD ACRES FM 1	SOUTH DEERFIELD	01373	MA
14-11-0201	CLARK, MALCOLM S.	APPLE VALLEY ROAD	ASHFIELD	01330	MA
14-11-0226	TAYLOR, ROLAND	MILL ROAD	SOUTH ASHFIELD	01371	MA
14-11-0237	SCOTT, ROGER B. HD1	APPLE VALLEY ROAD	ASHFIELD	01330	MA
14-11-0239	FITZGERALD, WILLIAM R.		SOUTH ASHFIELD	01371	MA
14-11-0302	WRIGHT, JOHN AND SONS	LEYDEN ROAD	GREENFIELD	01301	MA
14-11-0308	SHEARER, LAWRENCE JR.		COLRAIN	01340	MA
14-11-0320	MELLOW MEADOWS FARM	CROSS ST-A. MILLER	BERNARDSTON	01337	MA
14-11-0321	HERRON,O. MAPLE SHADE FM	LEYDEN STAGE RD	GREENFIELD	01301	MA
14-11-0324	WAUBAN FARM 1	WATSON ROAD R F D	ASHFIELD	01330	MA
14-12-0001	WENTWORTH, MRS. HAROLD T	SOUTH EAST STREET	AMHERST	01002	MA
14-12-0003	JACQUES, CHARLES&SNS HD1	575 SO. PLEASANT S	AMHERST	01002	MA
14-12-0052	CARLSON, DONALD R.	R F D 1	WARE	01082	MA
14-12-0064	COLE, RICHARD I.	FRANKLIN STREET	BELCHERTOWN	01007	MA
14-12-0069	HORTON, JACK HERD 2	R F D	CUMMINGTON	01026	MA
14-12-0070	TRACY, RICHARD	HERD 2	EASTHAMPTON	01027	MA
14-12-0102	FOWLES, ELWYN M.	SUNNYDELL FARM	SOUTHAMPTON	01073	MA
14-12-0105	SMITH SCHOOL		NORTHAMPTON	01060	MA
14-12-0202	WENTWORTH, FRED A.	STANLEY STREET	AMHERST	01002	MA
14-12-0207	BARSTOWS LONGVIEW FARM	R F D 1	HADLEY	01035	MA
14-12-0217	LAVALLE, FRANCIS J., JR.	R R 1 BOX 591A HD	BELCHERTOWN	01007	MA
14-12-0321	WICKLAND, FRANCIS	BRYANT ST	CHESTERFIELD	01012	MA
14-12-0356	PARSONS, MAHLON K.	R F D	EAST HAMPTON	01027	MA
14-12-0359	WEST, OSBORNE C.	R F D	HADLEY	01035	MA
14-12-0402	HILTON, BERNARD UNIV.MAS	303 STOCKBRIDGE MA	AMHERST	01002	MA
14-12-0508	BURT AND SONS, INC	EAST ST	EASTHAMPTON	01027	MA
14-13-0030	STEVENS, GEORGE W. JR.	POCHASSIC RD BOX 1	WESTFIELD	01085	MA
14-13-0035	WATERMAN, RICHARD	COLLEGE HIGHWAY	SOUTHWICK	01077	MA
14-13-0040	HALL, P. K. AND SON	SUNNYSIDE RD	SOUTHWICK	01077	MA
14-13-0070	PUTNAM, RICHARD B. HERD	283 LOOMIS STREET	SOUTHWICK	01077	MA
14-14-0010	ATLANTIC UNION COLLEGE	ATT RICHARD A FOLG	SOUTH LANCASTER	01561	MA
14-14-0025	DAVIS, JOHN A. AND SON		STERLING JUNCTION	01565	MA
14-14-0033	FERNALD, W. E. SCHOOL	TEMPLETON COLONY	BALDWINVILLE	01436	MA
14-14-0038	GOODFIELD, CHESTER E. FM		HARDWICK	01037	MA
14-14-0041	HANSEN AND ROBERTS		GILBERTVILLE	01031	MA
14-14-0048	HOOK, CARL	140 GREEN ST	SHREWSBURY	01545	MA
14-14-0053	JORDAN, WARREN & WAYNE	MUSCHOPAUGE ROAD	RUTLAND	01543	MA
14-14-0056	KING, LEWIS E.	DREAMLAND FARM	NEW BRAINTREE	01531	MA
14-14-0057	KING, WILLIAM & SONS	HERD 1	SUTTON	01527	MA
14-14-0066	MUDGETT, ARTHUR		STERLING JUNCTION	01565	MA
14-14-0075	PIERCE, ROBERT B.	1028 PLEASANT ST	PAXTON	01612	MA
14-14-0078	PROCTOR, D. L. AND SON		SPENCER	01562	MA
14-14-0081	PROUTY, H. S. AND A. C.	STAR ROUTE	GILBERTVILLE	01031	MA
14-14-0092	SURABIAN, HARRY	378 PROSPECT ST	WEST BOYLSTON	01583	MA
14-14-0099	WELLS, RUTH DYER	GAYVIL FARM	CHARLTON CITY	01508	MA
14-14-0102	WHITTIER FARMS INC 1	TOWN FARM ROAD	WEST SUTTON	01527	MA
14-14-0125	HARPER, DAVID	HARPERS DAIRY FARM	LEOMINSTER	01453	MA
14-14-0128	ADAMS, CLARENCE	NORTH WEST RD	SPENCER	01562	MA
14-14-0172	DOWNS, RICHARD		EAST DOUGLAS	01516	MA
14-14-0174	MASONIC HOME	ATT DONALD LAWYER	CHARLTON	01507	MA
14-14-0185	OAKLAWN FARM	BOX 16	SPENCER	01562	MA
14-14-0186	TOWN LINE DAIRY FARM	R F D WILLIAM ST	UPTON	01568	MA
14-14-0192	PILLSBURY, ROGER S. FM	HEYWOOD RD R F D	LEOMINSTER	01453	MA
14-14-0222	GOODFIELD, CHESTER E. FM		HARDWICK	01037	MA
14-14-0223	WHITTIER FARMS INC. 2	DOUGLASRD J WHITTI	WEST SUTTON	01527	MA
14-14-0224	COTTING, C.E. CHEDCO FM	ATT A.C. WARNER RT	BERLIN	01503	MA
14-14-0239	PILLSBURY, ROGER S. FM 2	HEYWOOD ROAD R F D	LEOMINSTER	01453	MA
14-14-0240	MASON, ORRIN W. JR.	R F D	JEFFERSON	01522	MA
14-14-0250	STILLMAN, C. E.	LANCASTER AVE	LUNENBURG	01462	MA
14-14-0257	BENNETT, HARRY JR.	R F D 1 BOX 38	NORTH BROOKFIELD	01535	MA
14-14-0261	WAYTINA, THEODORE		NORTH BROOKFIELD	01535	MA
14-14-0270	OAKHOLM FARM	LAKE ROAD	BROOKFIELD	01506	MA
14-14-0282	AHEARN, GEORGE F.	180 MARSHALL ST.	PAXTON	01612	MA
14-14-0291	PAQUIN, R. J. + SONS	ELMWOOD ROAD	LUNENBURG	01462	MA
14-14-0296	KIBBE, CORYDON W.	RAGGED HILL ROAD	WEST BROOKFIELD	01585	MA
14-14-0310	MEANS, BLANCHARD W. HERD	ELMHILL FARM	BROOKFIELD	01506	MA
14-14-0313	DEWEY, CARL T.	UPPER CHURCH STREE	GILBERTVILLE	01031	MA
14-15-0003	MATTISON, E. A.	WILLIAMS RD	CONCORD	01742	MA
14-15-0014	WOLFPEN FM ATT. C.BRADLE	SEARS ROAD	SOUTHBORO	01772	MA
14-15-0015	EASTLEIGH FARMS	RD1 H GALLAGHER SU	FRAMINGHAM CENTER	01701	MA
14-15-0121	SKYFIELD FARM GUERNSEY	ALLAN CROSLAND	GROTON	01450	MA
14-15-0123	ROSSBACH, GEORGE AND SON	TURNPIKE ROAD	TOWNSEND	01469	MA
14-15-0133	PICKARD, WILLIAM L. HD 1	245 FOSTER STREET	LITTLETON	01460	MA
14-15-0136	STONYMEADE FARMS	JOHN CUMING BLDG.	CONCORD	01742	MA
14-15-0201	SMITH, FARNHAM W.	GREAT BROOK FARMS	CARLISLE	01741	MA
14-15-0203	TEWKSBURY HOSPITAL	ATTN. L. KARNER	TEWKSBURY	01876	MA
14-16-0002	ESSEX AGRIC.&TECH. INST.	ATT: R. FITZPATRIC	HATHORNE	01937	MA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
14-16-0008	WHITE FARMS, INC.	ROWLEY BRIDGE ROAD	TOPSFIELD	01983	MA
14-16-0009	APPLETON FARMS		IPSWICH	01938	MA
14-16-0015	MEREDITH FARM	CROSS ST	TOPSFIELD	01983	MA
14-16-0021	SARGENT, ROBERT R.	BEAR HILL ROAD	MERRIMAC	01860	MA
14-16-0109	SPRING HILL FARM INC FM1	133 NECK ROAD	WARD HILL	01830	MA
14-16-0130	SPRING HILL FARM INC FM2	133 NECK ROAD	WARD HILL	01830	MA
14-16-0207	FOSTER, EARL	135 FOSTER STREET	NORTH ANDOVER	01845	MA
14-17-0028	WRENTHAM STATE SCHOOL	ATT GEORGE KENNEDY	WRENTHAM	02093	MA
14-17-0040	WHEELER, PHILLIPS W.	1489 WEST ST	WRENTHAM	02093	MA
14-17-0041	BRIGGS, ROBERT	38 WINTHROP STREET	WEST MEDWAY	02053	MA
14-18-0012	HOUGHTON, WILLIAM A.	R F D	NORTON	02766	MA
14-18-0040	SATUCKET FM,C.T SANDERSO	VAUGHN HILL RD.BX2	ROCHESTER	02770	MA
14-18-0117	NYSTROM, ART	588 VERNON STREET	BRIDGEWATER	02324	MA
14-18-0213	GREAT HILL TRUST	GREAT HILL FARM	MARION	02738	MA
14-18-0251	CUMBERLAND FARMS 1	CURVE STREET	BRIDGEWATER	02324	MA
14-19-0015	FLINT, BENJ W.	832 EAST STREET	MANSFIELD	02048	MA
14-19-0041	CHACE, WARREN R.	BARNEY AVE	SEEKONK	02771	MA
14-19-0177	CUMBERLAND FARMS 2	114 HOPPIN HILL RD	NO ATTLEBORO	02760	MA
14-20-0002	MARTIN, ANTHONY	BX 722 MOONAKIS FM	SANDWICH	02563	MA
15-11-0111	PANCIERA, ALDO	90 FRANKLIN ST	WESTERLY	02891	RI
15-11-0115	MACDONALD, STUART K.	R F D 1	SLOCUM	02877	RI
15-11-0116	COTTRELL HOMESTEAD	OLIVER COTTRELL	WEST KINGSTON	02892	RI
15-11-0128	KENYON, HENRY AND SONS		WYOMING	02898	RI
15-11-0131	HOYLE, G. THOMAS		WEST KINGSTON	02892	RI
15-11-0143	PANCIERA BROTHERS	ALTON ROAD	BRADFORD	02808	RI
15-11-0152	UNIVERSITY RHODE ISLAND	AN &,DRY HUSB DEPT	KINGSTON	02881	RI
15-11-0153	CLARK, GEORGE P & VERA J	HORSESHOE FALLS FM	SHANNOCK	02875	RI
15-11-0158	PANCIERA, CHARLES E.	DUNNS CORNERS RFD	WESTERLY	02891	RI
15-13-0121	HILLSIDE FARMS INC.	1308 PHENIX AVE	CRANSTON	02910	RI
15-14-0002	FRANLART FARM	WILLOW AVENUE	LITTLE COMPTON	02837	RI
15-14-0116	KESSON, J. S. AND SON	1903 WEST MAIN RD	MIDDLETOWN	02843	RI
15-14-0143	LEBREUX, LUCIEN	1057 CRANDALL RD	TIVERTON	02878	RI
15-14-0145	VAUCLUSE FARM	P O BOX 534	NEWPORT	02840	RI
15-14-0151	SCONYERS, HELEN	141 CORNELL RD.	TIVERTON	02878	RI
16-02-0003	WALT,S DAIRY	53 MAPLE AVE.	SHELTON	06484	CT
16-02-0020	GREEN OAKS FARM	RICHARD C ROCKWELL	NEWTOWN	06470	CT
16-02-0218	LUFKIN, DAN W	POVERTY HOLLOW FAR	NEWTOWN	06470	CT
16-04-0002	OSBORN PRISON FARM	BOX G	HAZARDVILLE	06036	CT
16-04-0003	MERRITT, RICHARD H.	TOWN FARM RD	FARMINGTON	06032	CT
16-04-0013	KRISTOFF BROTHERS	183 BAILEY ST	GLASTONBURY	06033	CT
16-04-0015	MINNECHAUG FARM	2992 HEBRON AVENUE	GLASTONBURY	06033	CT
16-04-0023	SHELDON MEL FARM	SHELDON STREET	EAST GRANBY	06026	CT
16-04-0060	HILLCREST FARM HOLSTEIN	68 DEMING AVENUE	NEWINGTON	06111	CT
16-04-0112	NIELSEN, CHRIS AND SONS	1312 HALL BLVD	BLOOMFIELD	06002	CT
16-04-0133	CROUSS, LESLIE NELSON JR	BOX 261	BLOOMFIELD	06002	CT
16-04-0211	PETERSEN, A.C. FMS 2, IN	61 TERRY PLAIN ROA	BLOOMFIELD	06002	CT
16-04-0212	THRALL, H. C. AND SONS	DAY HILL RD	WINDSOR	06095	CT
16-04-0222	STROH, CHARLES	HILLTOP FARM	SUFFIELD	06078	CT
16-04-0224	MILLER, FRED	SHELDON ST	WEST SUFFIELD	06093	CT
16-04-0230	NIELSEN, E. HOWARD	201 WOODLAND AVENU	BLOOMFIELD	06002	CT
16-04-0235	PETERSEN, A. C. FMS 3,IN	61 TERRY PLAIN ROA	BLOOMFIELD	06002	CT
16-04-0250	EDDY FARM	277 CEDAR STREET	NEWINGTON	06111	CT
16-04-0314	MUNSON, NORM AND DON	782 KENSINGTON RD	KENSINGTON	06037	CT
16-04-0403	COULTER BROTHERS	TAINTOR HILL	SUFFIELD	06078	CT
16-04-0404	COLTON, WILLIAM H.	NORTH GRANBY ROAD	GRANBY	06035	CT
16-04-0411	COLLINS POWDER HILL FARM	POWDER HILL RD	ENFIELD	06082	CT
16-06-0001	ANDERSON BROTHERS	BENTON ROAD	HORRIS	06763	CT
16-06-0020	CARLSON, DOUGLAS J.	CARLWOOD FARM RFD	CANAAN	06018	CT
16-06-0029	DEEP LAKE FARM		LAKEVILLE	06039	CT
16-06-0031	DUDLEY, GEORGE C.		LITCHFIELD	06759	CT
16-06-0036	FALCON FLIGHT FM	BEACH ST-A A CHENE	LITCHFIELD	06759	CT
16-06-0048	GIULIAN, ALBERT	BONEY HILL RD	CANAAN	06018	CT
16-06-0050	GOLDEN HARVEST FARM	GUERNSEY	BRIDGEWATER	06752	CT
16-06-0067	HURLBUT FARM	R F D 3	WINSTED	06098	CT
16-06-0077	LEE, ABEL		LAKEVILLE	06039	CT
16-06-0096	PLUMB, FRED		LITCHFIELD	06759	CT
16-06-0105	RIPLEY, LOUIS R. HOL	ATT FARM MANAGER R	LITCHFIELD	06759	CT
16-06-0122	SPENCER, W. W.	R F D 1	WATERTOWN	06795	CT
16-06-0125	STEVENS, LAWRENCE	R F D 1	WEST CORNWALL	06796	CT
16-06-0127	SULLIVAN, GEORGE JR.	139 PARK LANE	NEW MILFORD	06776	CT
16-06-0128	PRATT, GEORGE D. JR.	SUNNY VALLEY FARM	NEW MILFORD	06776	CT
16-06-0130	TANNER, LEWIS	NUTMEG ACRES FARM	NEW PRESTON	06777	CT
16-06-0136	TOLL GATE FARMS	CHESNUT HILL	LITCHFIELD	06759	CT
16-06-0137	TOPLANDS FARM	RFD P.MACDONALD,MG	ROXBURY	06783	CT
16-06-0142	VAILL, DONALD	BOX 62	GOSHEN	06756	CT
16-06-0145	WEBSTER, ARTHUR	P O BOX 217	LITCHFIELD	06759	CT
16-06-0152	WHITE AYR FARMS	R & E WHITEHEAD RF	WASHINGTON DEPOT	06794	CT
16-06-0154	WILBER,GEORGE-BROWN SWIS	R F D 1	WINSTED	06098	CT
16-06-0159	ZINKE, NORBERT	BANANA FARM	CANAAN	06018	CT
16-06-0162	GOLD, T. S.-CREAM HILL F	R F D 1	WEST CORNWALL	06796	CT
16-06-0201	ATWOOD, GROVER C.	BELDEN ROAD	FALLS VILLAGE	06031	CT
16-06-0204	FOLEY, THOMAS AND SONS	BOX 633	CANAAN	06018	CT
16-06-0208	GRASSLAND FARM	HAMMERTOWN ROAD	SALISBURY	06068	CT
16-06-0225	LORENZO, OTTAVIO	TOWN HILL ROAD	LAKEVILLE	06039	CT
16-06-0236	HARRIS, GEORGE	R D 3 BROWN SWISS	NEW MILFORD	06776	CT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
16-06-0244	JACQUIER, ROBERT	R F D	EAST CANAAN	06024	CT
16-06-0247	REIMER, CHARLES R.	R F D 3	NEW MILFORD	06776	CT
16-06-0249	HEINGART, CHARLES L.	R F D 3	HARWINTON	06790	CT
16-06-0269	THORN, MARSHALL	IVES ROAD	LITCHFIELD	06759	CT
16-06-0312	STICKELS, ALLEN E. JR	MAPLE STREET	LITCHFIELD	06759	CT
16-06-0319	HURLBURT, ALLYN H JR	HAUTBOY HILL RD	FALLS VILLAGE	06031	CT
16-06-0340	TABER, PAUL & LINDSEY	REBAT FARM RT 109	MORRIS	06763	CT
16-06-0345	WENTWORTH, HOWARD AND SN	FARM 2	EAST CANNAN	06024	CT
16-06-0348	EIPPER, R. J. & R. C.	BOX 91	ROXBURY	06783	CT
16-06-0357	MONTGOMERY, RUSSELL	BACON ROAD HERD 1	ROXBURY	06783	CT
16-06-0364	CY-BON FARM	LITCHFIELD ROAD	MORRIS	06763	CT
16-06-0369	SUNSET FARM	ARTILLERY RD	WATERTOWN	06795	CT
16-06-0372	GLADDING, KENNETH E.	WEST ST., BOX 252	LITCHFILED	06759	CT
16-06-0389	GILLETTE, ROBERT HD1	SILENT MEADOW FARM	LAKEVILLE	06039	CT
16-06-0394	MURPHY, VERNON M. & SON	MURPHY ROAD	NEW PRESTON	06777	CT
16-06-0396	WILLIAMS, DANIEL	CARMEL HILL RD	WOODBURY	06798	CT
16-06-0412	DURST, TOM	HILLTOP FARM	SALISBURY	06068	CT
16-10-0014	BROCKETT, TED	888 THOMPSON STREE	NORTH HAVEN	06473	CT
16-10-0017	NEUBIG FARM, INC.	BARBERRY ROAD	NORTH HAVEN	06473	CT
16-10-0027	WILMOT BROTHERS HD 1	GUNNTOWN ROAD	NAUGATUCK	06770	CT
16-10-0029	SCHREIBER, DAVID T.	QUAKER FARMS RD	OXFORD	06483	CT
16-10-0032	SOUTHBURY TRAINING SCHOO	ATT EDWARD HVEEM	SOUTHBURY	06488	CT
16-10-0041	LARKIN, HOWARD T.	SOUTH ST	MIDDLEBURY	06762	CT
16-10-0045	GREENBACKER, C.&SNS. FM1	743 MURDOCK AVENUE	MERIDEN	06450	CT
16-10-0048	TOMLINSON, W. P. AND SON	WOODHOUSE AVE	WALLINGFORD	06492	CT
16-10-0053	MASONIC HOME FOUNDATION	MASONIC AVENUE	WALLINGFORD	06492	CT
16-10-0119	SELF, ROBERT C. FLOSTN F	63 GRIEB ROAD	WALLINGFORD	06492	CT
16-10-0120	COAG FARM	NORTHFORD RD	WALLINGFORD	06492	CT
16-10-0123	GEHRKE, HAROLD C.	178 GREIB ROAD	WALLINGFORD	06492	CT
16-10-0134	HITCHCOCK, ROBERT D.	BALDWIN ROAD	WOODBRIDGE	06500	CT
16-10-0135	WILMOT BROTHERS HD 2	GUNNTOWN ROAD	NAUGATUCK	06770	CT
16-10-0139	PAGE, ROBERT A.	TOTOKET ROAD	NORTH BRANFORD	06471	CT
16-12-0006	BROWN, J. FRANKLIN	WYCHWOOD FARM	STONINGTON	06378	CT
16-12-0010	BROCK, E LEROY & SON FM	RIDGE ROAD	MIDDLETOWN	06457	CT
16-12-0011	MOONHILL DAIRY FARM	MCDONALD RD.	COLCHESTER	06415	CT
16-12-0017	GADBOIS, STUART E.	R F D 4	COLCHESTER	06415	CT
16-12-0020	GASPARINO, ALDO	R F D 1	NORWICH	06360	CT
16-12-0027	KRAUSE, HAROLD	R F D 1	WILLIMANTIC	06226	CT
16-12-0034	MT.HIGBY DAIRYFM. F.KOSK	HIGBY ROAD	MIDDLETOWN	06457	CT
16-12-0037	PIONEER FARM	ATT E L MARSH	OLD LYME	06371	CT
16-12-0041	NORMAN, GEORGE E.	NORMAN RD. GUERNSE	JEWETT CITY	06351	CT
16-12-0042	PALMER, CHARLES	R F D 2	LISBON	06351	CT
16-12-0046	WINKLER, R & I	GUILFORD ROAD	DURHAM	06422	CT
16-12-0063	BROCK, E. LEROY & SON FM	RIDGE RD	MIDDLETOWN	06457	CT
16-12-0080	NELSON, CONRAD	R F D 1	UNCASVILLE	06382	CT
16-12-0083	GOOD BROS.	R F D 3	NORWICH	06360	CT
16-12-0101	CUSHMAN, N. AND SON		LEBANON	06249	CT
16-12-0129	RAYDONGEO FARM	BOX 972	NEW LONDON	06301	CT
16-12-0132	COX, R. GLENN	RFD 1 WNDRG WALLS	NORWICH	06360	CT
16-12-0134	STEBNER FARM	COOK HILL RD	LEBANON	06249	CT
16-12-0135	WOLF, RICHARD	R F D 1	LEBANON	06249	CT
16-12-0138	ROODE, R.L.&D.J. HERD 1	R F D 1	JEWETT CITY	06351	CT
16-12-0148	WEIGART, H. & SONS HD 1	R F D 1	LEBANON	06249	CT
16-12-0155	BARNES DAIRY	DON L BARNES RFD 3	NORWICH	06360	CT
16-12-0164	DUBICKI, KENNETH	R F D 2	NORWICH	06360	CT
16-12-0168	BECKWITH BROTHERS		NORTH FRANKLIN	06254	CT
16-12-0169	DE BARI, JERRY	STRICKLAND STREET	PORTLAND	06480	CT
16-12-0170	OSGA, JOHN J. JR.	R F D 3	NORWICH	06360	CT
16-12-0191	STOREY, GEORGE	YAWBUX VALLEY	NORTH STONINGTON	06359	CT
16-12-0210	MANNING, OLIVER HD 2	BROWN SWISS	LEBANON	06249	CT
16-12-0217	ROODE, R.L. & D.J. HERD	RFD 1	JEWETT CITY	06351	CT
16-14-0003	NIEMANN, KENNETH	RURAL ROUTE 1	ELLINGTON	06029	CT
16-14-0014	BAHLER FARMS INCORPORATE	R D 1	ELLINGTON	06029	CT
16-14-0017	KAMINSKI, L. AND T.	BELLEVUE AVE	ROCKVILLE	06066	CT
16-14-0020	LUGINBUHL, EDWARD	R F D 1	ELLINGTON	06029	CT
16-14-0022	PEASE, HORACE	9TH DEST RD	SOMERS	06071	CT
16-14-0037	SZEGDA, JOSEPH		COLUMBIA	06237	CT
16-14-0038	KAPLAN, MORRIS		COLUMBIA	06237	CT
16-14-0041	SPRING MANOR FARM	UNIV OF CONN, BOX	MANSFIELD DEPOT	06251	CT
16-14-0046	ELLIS, KENNETH & SON	MAPLELEAF E FM RFD	HEBRON	06248	CT
16-14-0050	LUGINBUHL FAMILY FARM	RFD4	ROCKVILLE	06066	CT
16-14-0060	ELM KNOLL FARMS HERD2	R D 2	SOMERS	06071	CT
16-14-0063	CHASE, FRANK	ELLINGTON RD	SOMERS	06071	CT
16-14-0100	GIGLIO BROS	R F D 2 BOX 183	BOLTON	06040	CT
16-14-0108	MARTIN, RUSSELL W.	P. O. BOX 144 FARM	WILLIMANTIC	06226	CT
16-14-0109	SZEGDA, RONALD		COLUMBIA	06237	CT
16-14-0113	UNIV OF CONN. W S GAUNYA	DEPT. OF ANIMAL IN	STORRS	06268	CT
16-14-0114	UNIV OF CONN. W S GAUNYA	DEPT. OF ANIMAL IN	STORRS	06268	CT
16-14-0118	HECKLER BROTHERS	BREWSTR ST BX245 R	COVENTRY	06238	CT
16-14-0120	HOFFMAN, DONALD	JOB'S HILL ROAD	ELLINGTON	06029	CT
16-14-0130	SAGLIO, RONALD	R F D 1	HEBRON	06248	CT
16-14-0138	HUFF, GARY HERD1	ROUTE 44	EAST WILLINGTON	06279	CT
16-16-0002	BARRETT, GEORGE	R F D 2	WOODSTOCK	06281	CT
16-16-0050	HIBBARD HILL FARM	R F D 2	WOODSTOCK	06281	CT
16-16-0060	ANDRUS, KAYE		MANSFIELD CENTER	06250	CT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
16-16-0071	STONE BROTHERS	R F D	HAMPTON	06247	CT
16-16-0078	FRANZMANN, PAUL	R F D 1 MASON ROAD	BROOKLYN	06234	CT
16-16-0121	STAN WAL FARM	R D 1 GENDRON ROAD	MOOSUP	06354	CT
16-16-0123	TYLER BROTHERS	R F D 1 HERD 1	CANTERBURY	06331	CT
16-16-0124	BURROUGHS BROTHERS	BARSTOW RD	CANTERBURY	06331	CT
16-16-0137	FAIR VUE FARM	STAR ROUTE	SOUTH WOODSTOCK	06267	CT
16-16-0146	WAY, BURTON L	P.O. BOX 139	ONECO	06373	CT
16-16-0160	TYLER BROTHERS	R D 1 HERD 2	CANTERBURY	06331	CT
16-16-0161	TYLER BROTHERS	R D 1 HERD 3	CANTERBURY	06331	CT
21-01-0062	STEVENS, MARK W.	1000 DELAWARE AVE	ALBANY	12200	NY
21-01-0253	COOKE, LAWRENCE	R D 1	OAK HILL	12460	NY
21-01-0607	COLE HILL FARMS		BERNE	12023	NY
21-01-0879	LAGRANGE BROTHERS		FEURA BUSH	12067	NY
21-01-0928	HEATH, WILLIAM AND SONS		GLENMONT	12077	NY
21-02-0033	MARLON FARMS	R D 3 C. HABBERFIE	WELLSVILLE	14895	NY
21-02-0077	KNIBLOE, KEITH H.	R D 2	FILLMORE	14735	NY
21-02-0116	SMITH, OTIS	RFD 3	CUBA	14727	NY
21-02-0129	DUNLAP, ALTON	R F D 3	CUBA	14727	NY
21-02-0178	BRUBAKER, WILBUR		WHITESVILLE	14897	NY
21-02-0202	LAMPHIER, HARLEY & SONS	R D 1	WELLSVILLE	14895	NY
21-02-0247	FURNISS, WILLIAM H.	R D 1	HOUGHTON	14744	NY
21-02-0253	WATERS, LEWIS		WHITESVILLE	14897	NY
21-02-0265	HEINTZ, HERBERT S.&MARCI	R D 3 ABBOTS RD	CUBA	14727	NY
21-02-0322	WILLIAMS, ARTHUR	RD 1	HOUGHTON	14744	NY
21-02-0380	SUBJECT, ALBERT	R F D 2 RUS-MAR FM	CUBA	14727	NY
21-02-0423	HOUGHTON COLLEGE FARM	R F D	HOUGHTON	14744	NY
21-02-0605	STATE UNIV AG & TECH COL	FARM DEPT	ALFRED	14802	NY
21-02-0965	SNIDER, CEYLON R.	R F D	FILLMORE	14735	NY
21-03-0061	WINSOR ACRES	R D 2	HARPURSVILLE	13787	NY
21-03-0073	VANSLYKE, LEE	R D 3	WINDSOR	13865	NY
21-03-0126	DEW-DEC FARM INC.	R D 3	WINDSOR	13865	NY
21-03-0204	MEISNER, WILLIAM F.	R D 1 BOX 60	NEWARK VALLEY	13811	NY
21-03-0217	HAMLIN, THOMAS	R D 1	DEPOSIT	13754	NY
21-03-0223	AUKEMA, DOUGLAS	KNAPP HILL ROAD	CHENANGO FORKS	13746	NY
21-03-0225	LAWRENCE BROTHERS	R D 1	CONKLIN	13748	NY
21-03-0246	GILG, GEORGE & MARY	R D 2	HARPURSVILLE	13787	NY
21-03-0368	WORDEN BROTHERS	R D 2	WINDSOR	13865	NY
21-03-0687	HELM, KARL	RD 1	NINEVEH	13813	NY
21-03-0879	OLIN, DONALD	RD 2	HARPURSVILLE	13787	NY
21-03-0910	WICKS, ALFRED	RD 1	PORT CRANE	13833	NY
21-03-0982	HOLCOMB, ROBERT	R D 2	GREENE	13778	NY
21-04-0020	PUTT, ALBERT F. HD2	BIRCH RUN RD.	ALLEGANY	14706	NY
21-04-0036	FRANGALEX FARM	ATT F.C. ANDERA RD	GREAT VALLEY	14741	NY
21-04-0069	RUSHING BROOK FARM	ATT LYLE WAITE RD	RANDOLPH	14772	NY
21-04-0121	JEDRZEJEK BROTHERS	R D 1	ELLICOTTVILLE	14731	NY
21-04-0128	KENT, WAYNE	R F D	LITTLE VALLEY	14755	NY
21-04-0130	HINTZ, ERWIN	R F D	EAST OTTO	14729	NY
21-04-0134	STUDLEY FARMS	RFD 2	GOWANDA	14070	NY
21-04-0168	DONJA FARM	R D 1	DELEVAN	14042	NY
21-04-0307	EL-A-RAY FARM	RFD 3 RAYMOND HILL	CATTARAUGUS	14719	NY
21-04-0311	CHARLESWORTH, HOWARD	R F D 1	EAST OTTO	14729	NY
21-04-0312	CHAPMAN, EDGAR	R F D 1	CONEWANGO VALLEY	14726	NY
21-04-0316	PALMARJA FARM	WEST FIVE MILE ROA	ALLEGANY	14706	NY
21-04-0348	MARTDALE FARMS	R D 2	OLEAN	14760	NY
21-04-0369	SENN, DALE	R D 1	RANDOLPH	14730	NY
21-04-0409	SILVER FALLS FARMS	RFD DONALD DEWEY	PERRYSBURG	14129	NY
21-04-0441	ELLIS, JAMES HERD 2	R D 3	CATTARAUGUS	14719	NY
21-04-0482	DECHOW, ROBERT	R F D	LITTLE VALLEY	14755	NY
21-04-0499	DECHOW, RONALD & GARY	R.F.D. BOX 309A	LITTLE VALLEY	14755	NY
21-04-0501	FRENTZ, JAMES A HD1	6732 FARM MARKET R	CATTARAUGUS	14719	NY
21-04-0597	KRISTLAHN FARM		PORTVILLE	14770	NY
21-04-0619	ECCLES FARM	RD1 ATT H. T. ECCL	RANDOLPH	14772	NY
21-05-0011	ALEXANDER, HAROLD	R D 1	UNION SPRINGS	13160	NY
21-05-0030	RIPLEY, ROLAND	R D 4	CORTLAND	13045	NY
21-05-0031	SEXAUER AND LOCKWOOD	RD 3	AUBURN	13021	NY
21-05-0043	DUNHAM, ROBERT	R D 3	MORAVIA	13118	NY
21-05-0094	KEHOE, DONALD	R D 2	MORAVIA	13118	NY
21-05-0095	VAN NOSTRAND, MM. W.		VENICE CTR	13161	NY
21-05-0114	DATES, CARL	R D 2	RED CREEK	13143	NY
21-05-0156	DAVIS, ARTHUR		GENOA	13071	NY
21-05-0157	STEVENS, DUANE	RD 2	RED CREEK	13143	NY
21-05-0167	DUNKLE, E. C.	R D 1	KING FERRY	13081	NY
21-05-0194	CAMPBELL, WARREN		STERLING	13156	NY
21-05-0210	MONELL, DAVID R.	R D 2	CATO	13033	NY
21-05-0221	GREYSTONE FARM, INC.	RD 3	AUBURN	13021	NY
21-05-0234	BUXENBAUM, RONALD	R D 1	AURORA	13026	NY
21-05-0242	ABER, PHILIP W.	R D 1	MORAVIA	13118	NY
21-05-0244	LERSON LAWN FARM	BOX 44	SENNETT	13150	NY
21-05-0249	PEARCE, RICHARD W. & SON	R D 5	AUBURN	13021	NY
21-05-0270	PATCHEN, KENNETH A. & SO		LOCKE	13092	NY
21-05-0275	LITTLEJOHN FARMS	R D 1	UNION SPRINGS	13160	NY
21-05-0309	MONTGOMERY, GEORGE	R D 2	GROTON	13073	NY
21-05-0334	HATFIELD, W. KEITH	BOX 202 R D 1	SCIPIO CENTER	13147	NY
21-05-0344	CAREY BROTHERS, HERD 2	R D 1	LOCKE	13092	NY
21-05-0360	HILTON, DORWIN & SONS	R D 3	CATO	13033	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-05-0362	WALTON, JOHN	R D 1	CATO	13033	NY
21-05-0376	MCMAHON, RALPH M.	R D 6	AUBURN	13021	NY
21-05-0388	ROSSBACH, DIETRICH	CREST EDGE FM	VENICE CENTER	13161	NY
21-05-0396	VITALE, PAUL	R3 HAPPINESS HILL	AUBURN	13150	NY
21-05-0397	MAPLEHURST FARM	PATTINGTON, RUS&BR	SCIPIO CENTER	13147	NY
21-05-0407	CAREY, DONALD	R D 1	WEEDSPORT	13166	NY
21-05-0419	RICHARDSON, ROBERT G.	SHERWOOD FARMS	AURORA	13026	NY
21-05-0421	MORSE, PAUL	R D 1	MORAVIA	13118	NY
21-05-0422	PERRY, MARK R.	R D 3	AUBURN	13021	NY
21-05-0428	MITCHELL, CHARLES		MORAVIA	13118	NY
21-05-0435	SHELDON, L. W. AND SONS	R 1	FULTON	13069	NY
21-05-0440	DUNHAM, JAMES	R D 1	MARTVILLE	13111	NY
21-05-0441	MUTCHLER, EUGENE		VENICE CENTER	13161	NY
21-05-0449	HEAD, LINN JR. & SONS	R D 2	MORAVIA	13118	NY
21-05-0764	GAHWILER, ALBERT	R D 2	AUBURN	13021	NY
21-05-0832	HARGETT, R & MILLER, R	SAXOJAC FM RD 2	LOCKE	13092	NY
21-05-0878	HATFIELD, ARBON & DONALD	RD#1 BLUVAL FARM	MORAVIA	13118	NY
21-05-0982	SOUTHARD, LEE	RD 3 CLOVER HILL F	CATO	13033	NY
21-06-0011	AMES, CHARLES	R D 2	JAMESTOWN	14701	NY
21-06-0029	CARLBERG FARMS	R D 1	FREWSBURG	14738	NY
21-06-0031	WHITE, JOHN	R D 2	CLYMER	14724	NY
21-06-0043	FORBES FARMS	ROUTE 6	JAMESTOWN	14701	NY
21-06-0049	NEWELL, EDWARD	R D 1	SHERMAN	14781	NY
21-06-0053	ANDERSON, MERVEL		KENNEDY	14747	NY
21-06-0060	COCHRANE, A. JAMES JR.	R D 2	RIPLEY	14775	NY
21-06-0061	CROWELL, DONALD V.	R D 2	SOUTH DAYTON	14138	NY
21-06-0070	IVETT, LYNN AND SON	R D 2	SOUTH DAYTON	14138	NY
21-06-0114	CROWELL, NORTON	R D 1	CHERRY CREEK	14723	NY
21-06-0149	TRUMP, ROGER	R D 1	WESTFIELD	14787	NY
21-06-0166	GIBBONS, JACK W.	R D 2	CLYMER	14724	NY
21-06-0231	LAWSON, RALPH J.	520 CAMP STREET	JAMESTOWN	14701	NY
21-06-0256	LINDQUIST, GEORGE HD 1	R D 1	KENNEDY	14747	NY
21-06-0283	WRIGHT, HOWARD	R D 2	CLYMER	14724	NY
21-06-0291	WHITNEY, OLIVER	R D 2	CLYMER	14724	NY
21-06-0293	BRATT, FRANK AND SON	R D 2	JAMESTOWN	14701	NY
21-06-0327	HESS, ROBERT	CENTER ST.	CHERRY CREEK	14723	NY
21-06-0348	BENNINK, DONALD	RD1 CLYMER CENTER	CLYMER	14724	NY
21-06-0349	TENPAS, JAN JR.	R D 1	CLYMER	14724	NY
21-06-0366	RATER, LAWRENCE	R D 4	SHERMAN	14781	NY
21-06-0394	CROSS, ROBERT	R D 2	KENNEDY	14747	NY
21-06-0420	THOMPSON FARM, R & H & V	R D 2	KENNEDY	14747	NY
21-06-0423	MILLER, RAYMOND & RICHAR	R D 2	KENNEDY	14747	NY
21-06-0494	ANDERSON, LEON	R D 3	JAMESTOWN	14701	NY
21-06-0497	CUNNINGHAM, RONALD	R D 1	SHERMAN	14781	NY
21-06-0505	COWEN, WARREN L.		CONEWANGO VALLEY	14726	NY
21-06-0510	LAPORTE, JOESPH	PROSPECT ROAD	WESTFIELD	14787	NY
21-06-0535	WASSINK, RAYMOND W.		CLYMER	14724	NY
21-06-0565	ANDERSON BROTHERS	R D 5	JAMESTOWN	14701	NY
21-06-0566	FAIRDAWN FARMS INC.	ATT.DOUGLASFAIRBAN	FORESTVILLE	14062	NY
21-06-0594	LIDDELL, EDWARD	RD1, BAYVIEW ROAD	BEMUS POINT	14712	NY
21-06-0600	DALMORE HOLSTEINS	RD 2, BOX 137	SINCLAIRVILLE	14782	NY
21-06-0615	MC-AL-LEE FARMS	RD1 ATT H H FERRY	FREDONIA	14063	NY
21-06-0644	GREEN, FREDRICK E.	HANOVER RD. R.D.	FORESTVILLE	14062	NY
21-06-0653	SVENTEK, JOSEPH	R D 3	SHERMAN	14781	NY
21-06-0655	GROSS, EDGAR F.	7136 ROOD ROAD	SINCLAIRVILLE	14782	NY
21-06-0659	SUGAR MAPLE FARM	R D 1	SHERMAN	14781	NY
21-06-0704	HEWESHURST FARM 2	R D 2	MAYVILLE	14757	NY
21-06-0708	HOOKER, LAWRENCE	R D 2	SOUTH DAYTON	14138	NY
21-06-0729	FINCH, JAMES	R F D 2, BOX 15	SOUTH DAYTON	14138	NY
21-06-0747	RESLINK, MELVIN	R D 2	CLYMER	14724	NY
21-06-0846	KIMVALE FARM	RD 1	FALCONER	14733	NY
21-07-0014	LANT, FRED AND SONS	R D 2	HORSEHEADS	14845	NY
21-07-0033	HOFBAUER, OWEN	R D 1	PINE CITY	14871	NY
21-07-0080	DALRYMPLE FM A. DALRYMPL	334 SING SING ROAD	HORSEHEADS	14845	NY
21-07-0085	WOOD, CHARLES W.	RD 2	SAYRE	18840	PA
21-07-0089	EVERETTS, FLOYD FARM 2	R D 2	HORSEHEADS	14845	NY
21-07-0090	EVERETTS, FLOYD FARM 1	R D 2	HORSEHEADS	14845	NY
21-07-0091	BENNETT BROS	RIDGE ROAD	HORSEHEADS	14845	NY
21-07-0376	BUSH, KENNETH & SONS	RD2	ELMIRA	14901	NY
21-07-0433	ELMIRA REFORMATORY		ELMIRA	14900	NY
21-07-0573	HOOSE, ELWIN		WELLSBURG	14894	NY
21-08-0019	HUZZY, DOUGLAS OR DAVID	STAR ROUTE	GREENE	13778	NY
21-08-0020	HOWARD, JOHN E.	BOX 302	SHERBURNE	13460	NY
21-08-0027	BUTTON, OWEN		SOUTH NEW BERLIN	13843	NY
21-08-0060	GREGAIGHT FARMS	KARL L. GREGORY	SOUTH NEW BERLIN	13843	NY
21-08-0066	SPREUSVIEW FARMS INC.	R D 1	MOUNT UPTON	13809	NY
21-08-0077	LACROCE, VINCENT	BOX 125 R D 1	SHERBURNE	13460	NY
21-08-0100	FLEMING, DEWITT E.		GUILFORD	13780	NY
21-08-0117	DAVIDSON, R. & J.	R D 1	SHERBURNE	13460	NY
21-08-0123	DOYLE, PAUL	R D 1	WEST EDMESTON	13485	NY
21-08-0152	PLANKENHORN & ORTON HD 1	RIVERLEA FARMS BX3	SIDNEY	13838	NY
21-08-0154	BENSON, ALF P.	SUN BEN FM R D 2	NEW BERLIN	13411	NY
21-08-0173	BLANCHARD FARMS 1	LEE AND STEWART	SMYRNA	13464	NY
21-08-0188	FAIRCHILD, MELVIN	R D 1	SHERBURNE	13460	NY
21-08-0222	LATHROP, C. E.	BOX 251 B	SHERBURNE	13460	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-08-0230	HOLL, THOMAS JR.		DE RUYTER	13052	NY
21-08-0245	MCGOWAN, WILLIAM S.	R D 3	OXFORD	13830	NY
21-08-0246	COLEGROVE, JOHN & BEVERL	R D 2	EDMESTON	13335	NY
21-08-0247	IVES, DAVID	R D 3	BAINBRIDGE	13733	NY
21-08-0273	BENNETT, RONALD	R D 1	BURLINGTON FLATS	13315	NY
21-08-0312	BUTTON, LESLIE	R D 2	SOUTH NEW BERLIN	13843	NY
21-08-0324	RACE FARM	R D 1	GREENE	13778	NY
21-08-0330	WILLIAMS, HARRY	R D 1	OXFORD	13830	NY
21-08-0347	MARSHMAN FARMS	RD 3	OXFORD	13830	NY
21-08-0368	CLARK, BURR E.	R D	EARLVILLE	13332	NY
21-08-0391	MEEK, ARCHIE	R F D 2	NORWICH	13815	NY
21-08-0404	GILBERT, LESLIE		PITCHER	13136	NY
21-08-0405	ROX BURGHE FARMS	RFD 1	EDMESTON	13335	NY
21-08-0419	MICHA, JOHN	R D 2	GREENE	13778	NY
21-08-0434	CONINGS, PHILIP C.	RFD 1	BAINBRIDGE	13733	NY
21-08-0481	ROMAREN FMS M JOHNSON&SN	BOX 68 R D 1	SHERBURNE	13460	NY
21-08-0489	MUDGE, WILLIAM		CINCINNATUS	13040	NY
21-08-0492	SYLSTRA, N. L. JR.	R D 2	OXFORD	13830	NY
21-08-0523	DAVIS, ARTHUR	R D 1	GREENE	13778	NY
21-08-0587	EAVES, THOMAS		SHERBURNE	13460	NY
21-08-0629	EATON, J. W.	HERD 1	PITCHER	13136	NY
21-08-0663	SABIN, REXFORD	R D 3	OXFORD	13830	NY
21-08-0691	TALBOT, G. EDWARD	EDKAY FARM R D 1	WEST EDMESTON	13485	NY
21-08-0697	DUELHAVEN FARM		MCDONOUGH	13801	NY
21-08-0701	STANTON, FRANCIS	R D 1	EDMESTON	13335	NY
21-08-0705	JOHNSON, DONALD	R D 1	NEW BERLIN	13411	NY
21-08-0747	EAVES, JAMES	BOX 653	SHERBURNE	13460	NY
21-08-0766	DUNGEY, HARRISON HD1	RD 1	SHERBURNE	13460	NY
21-08-0784	ROUNDS, EDWARD	R D 1	GREENE	13778	NY
21-08-0874	WELCH, CLAYTON A.	R D 2	SOUTH NEWBERLIN	13843	NY
21-08-0888	ANDERSON, H. J.	R D 1	HARPURSVILLE	13787	NY
21-08-0899	BEAUMONT, C. G.	R D 3	OXFORD	13830	NY
21-08-0901	HARTWELL, CYRUS	R D	SHERBURNE	13460	NY
21-08-0941	LATHROP, BARRY L.		SHERBURNE	13460	NY
21-08-0949	ANGELL, BURNELL		DE RUYTER	13052	NY
21-09-0004	MURPHY, KEN & VERNON		CHAZY	12921	NY
21-09-0025	ASHLEY, CHARLES		WEST CHAZY	12992	NY
21-09-0077	BECHARD, FELIX	RFD1 BORDER VIEW F	CHAMPLAIN	12919	NY
21-09-0081	ROBINSON, THOMAS	RD 1	CHAMPLAIN	12919	NY
21-09-0092	ALLEN, STEVE	R D 1	PERU	12972	NY
21-09-0236	JUBERT, VICTOR J.	ROUTE 1 BOX 414	PLATTSBURGH	12901	NY
21-09-0254	BENSON, DONALD S.	R D 1	PERU	12972	NY
21-09-0265	RUSSELL, MICHAEL	DOANE FARM	CHAZY	12921	NY
21-09-0274	COULTER, BRUCE		ELLENBURG CENTER	12934	NY
21-09-0285	SOUZA, R. N. & M. H.	RT. 9 BOX 114	CHAZY	12921	NY
21-09-0374	CHEESEMAN, MARSHALL		ELLENBURG DEPOT	12935	NY
21-09-0387	CHEESEMAN, WINFRED		ELLENBURG DEPOT	12935	NY
21-09-0548	BANKER FARMS	R D 1 BOX 406	PLATTSBURGH	12901	NY
21-09-0999	STAFFORDSHIRE FARMS		PERU	12972	NY
21-10-0022	DEEP ACRES	RD	KINDERHOOK	12106	NY
21-10-0024	METTLER & FOURNIER	RFD	HILLSDALE	12529	NY
21-10-0041	KEELERS CRAIGSIDE DAIRY	R D 2	HUDSON	12534	NY
21-10-0058	HEINS, JOHN	RD 1	HUDSON	12534	NY
21-10-0061	HI DIDDLE FARM 1	RD 2	GERMANTOWN	12526	NY
21-10-0062	SHAKER VIEW FARM	P.O. BOX 40	NEW LEBANON CENTE	12125	NY
21-10-0073	WELLS, G. LEWIS	RFD	PINE PLAINS	12567	NY
21-10-0074	SCISM, RICHARD & SON	BOX 13	STUYVESANT	12173	NY
21-10-0078	SCHNEEBERGER, FRED	R F D 1	ANCRAM	12502	NY
21-10-0084	SUNNY MEAD FARMS, INC.	R F D	HILLSDALE	12529	NY
21-10-0086	TOPCER A FARMS		COPAKE	12516	NY
21-10-0109	CLAGHORN, D. AND C.	RD 2	HUDSON	12534	NY
21-10-0139	BEHRENS, E. H.		OLD CHATHAM	12136	NY
21-10-0144	MERRICK, IRVING		ANCRAM	12502	NY
21-10-0174	SHADOWBROOK FARM	BOX 40	NEW LEBANON CENTE	12125	NY
21-10-0181	BITEL, FRANK J.		ANCRAMDALE	12503	NY
21-10-0189	FLOS VALLEY FARMS	R D BOX 86 C.AGANN	VALATIE	12184	NY
21-10-0201	STONEHOUSE FARM	R D 2	HUDSON	12534	NY
21-10-0203	LANGDON, ADRIAN C.		COPAKE	12516	NY
21-10-0207	BRUSIE, ORRIN		COPAKE	12516	NY
21-10-0221	MILLER, HERBERT	SNOOK HILL FARM	COPAKE	12516	NY
21-10-0222	COLLIER, HOWARD	R D 1 BOX 12A	HUDSON	12534	NY
21-10-0228	RANCH 387	T. E. NOLAN R D 1	HILLSDALE	12529	NY
21-10-0230	DUTCH ACRES	BOX 37	NORTH CHATHAM	12132	NY
21-10-0231	JACQUE, ROBERT A. & SONS	R D 2	HUDSON	12534	NY
21-10-0243	OSOFSKY, DAVID & RONALD	SHULTZ HILL ROAD F	PINE PLAINS	12567	NY
21-10-0245	HUGHES, D & NEAR, MARY	R D 1 PLEASANT ACR	COPAKE	12516	NY
21-10-0263	GROSS, FRANK		MILLERTON	12546	NY
21-10-0272	COOLEY, RALPH D. JR.	R D 1	GHENT	12075	NY
21-10-0291	SCHULERUD, CARL L.	R D 2	VALATIE	12184	NY
21-10-0304	DORN, FRED	DOREIGH FARM 2	NORTH CHATHAM	12132	NY
21-10-0306	HESS BROTHERS FARM 3	RD 1	HUDSON	12534	NY
21-10-0310	FISH, LOUIS W. JR. FM1		ANCRAM	12502	NY
21-10-0318	SHELTON, JOHN	SAWCHUCK ROAD	MILLERTON	12546	NY
21-10-0322	DORN, FRED DOREIGH FM1	634 KNICKERBACKER	SCHODACK LANDING	12156	NY
21-10-0329	LO-NAN FARM	1	PINE PLAINS	12567	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-10-0379	CHITTENDEN, S. N. HD 1		NEW LEBANON	12125	NY
21-10-0419	CAMPBELL BROTHERS	R D 1	CRARYVILLE	12521	NY
21-10-0449	COOLEY, RALPH	RD 1	GHENT	12075	NY
21-10-0471	BEAVER CREEK FARM	RD 1	HUDSON	12534	NY
21-10-0608	KINDERHOOK FARMS DAIRY	RD 1 BOX 107-9	VALATIE	12184	NY
21-10-0681	GLENNCROSS FARM	R F D 2	VALATIE	12184	NY
21-10-0723	MILLERHURST FARM	ROUTE 82	ANCRAMDALE	12503	NY
21-10-0727	SCHRADER, A. G. AND SONS	R F D 2	GERMANTOWN	12526	NY
21-10-0912	BRALEY, J. WARREN	R F D	CHATHAM	12037	NY
21-10-0928	HOYSRADT, HENRY R	R D 1	ANCRAMDALE	12503	NY
21-10-0978	SOMMERHOFF, CHRIS HDI		ANCRAMDALE	12503	NY
21-11-0010	DIESCHER, WILLIAM & JOHN	R D 1	CORTLAND	13045	NY
21-11-0022	THE GOLDWATER FARM	5193 FOSTER RD. RF	CORTLAND	13045	NY
21-11-0052	WEDDLE, STANLEY J.	R D 1	HOMER	13077	NY
21-11-0067	GUNZENHAUSER, B & G	1212 STARR RD	CORTLAND	13045	NY
21-11-0082	BROOKS, RICHARD A.	R D 2	HOMER	13077	NY
21-11-0087	VANPATTEN, WILLIAM J.	STAR ROUTE	PREBLE	13141	NY
21-11-0090	MCJUNKIN, REED & ELEANOR	R D 1	CORTLAND	13045	NY
21-11-0095	BICKFORD, EDWIN JR.	R D 1	EAST FREETOWN	13055	NY
21-11-0099	YOUNG, ERNEST W.	R D 2	CUYLER	13050	NY
21-11-0101	SEARS, FRANCIS	RD 4	CORTLAND	13045	NY
21-11-0105	JONES, DONALD & WALTER	DONALTER FARMS R D	HOMER	13077	NY
21-11-0118	MCMAHON, RICHARD T.	R D 2	HOMER	13077	NY
21-11-0121	GIGLIUTO, JOSEPH	R D 2	HOMER	13077	NY
21-11-0134	LONERGAN, THOMAS J.	R D 2	HOMER	13077	NY
21-11-0171	UNDERWOOD, WILLIAM		TULLY	13159	NY
21-11-0178	WRIGHT, WILLIAM S.		PREBLE	13141	NY
21-11-0190	STOUGHTON, E. & E.	RD 1	CORTLAND	13045	NY
21-11-0203	ARMSTRONG, GEORGE	R D 1	HOMER	13077	NY
21-11-0211	VOSSLER, EUGENE		PREBLE	13141	NY
21-11-0233	HEATH, JAMES H.	R D 1	MCGRAW	13101	NY
21-11-0253	WEBSTER, CLAIR	R D 2	HOMER	13077	NY
21-11-0258	COOMBS, KEVIN E.	R D 1	MCGRAW	13101	NY
21-11-0261	KINNICH, LEONARD	R D 2	MARATHON	13803	NY
21-11-0265	YOUNG, MALCOLM H.	R D 1	CORTLAND	13045	NY
21-11-0268	HARVEY, NORMAN	R D 1	MARATHON	13803	NY
21-11-0284	KITTS, DAVID W.	R D 4	CORTLAND	13045	NY
21-11-0292	FORD, HOWARD A.	R D 3	CORTLAND	13045	NY
21-11-0308	MCCALL, LAWRENCE	4624 MCDONALD ROAD	HOMER	13077	NY
21-11-0344	KNAPP, ROBERT D. & SONS		PREBLE	13141	NY
21-11-0349	SLOCUM, TOM	R D 1	CINCINNATUS	13040	NY
21-11-0351	GLENSITE STOCK FARM	RD1 ALFRED ZOGG JR	CORTLAND	13045	NY
21-11-0354	KLINE, ROBERT J.	R D # 2	MARATHON	13803	NY
21-11-0423	FLEMING, PAUL & MARGARET	R D 1	CORTLAND	13045	NY
21-11-0480	MORGAN, LEONARD B.	R D 1	HOMER	13077	NY
21-11-0484	DAVIS, LELAND	R D 4	CORTLAND	13045	NY
21-11-0654	MILKLAND FARMS	POTTER, WILLARD&JA	TRUXTON	13158	NY
21-11-0655	POTTER, BERNARD W.		TRUXTON	13158	NY
21-11-0694	REED FARM	R D 2	CORTLAND	13045	NY
21-11-0727	RIEHLMAN FARM	RD 2	HOMER	13077	NY
21-11-0737	MACINTIRE, FRANK & WILSO	R D 4	CORTLAND	13045	NY
21-11-0873	SELLEN, RODNEY H.	R F D 1	HOMER	13077	NY
21-11-0883	MCMAHON, RALPH & SONS FM	R D 3	MARATHON	13803	NY
21-12-0026	OSTERHOUT, WARREN & PEAR	DELHI STAGE	ONEONTA	13820	NY
21-12-0031	LAKE DELAWARE FARM 1		DELHI	13753	NY
21-12-0035	MC CLENON, DONALD	R D 2	WALTON	13856	NY
21-12-0036	MACCRACKEN BROTHERS		DAVENPORT	13750	NY
21-12-0042	STOECKEL, GERALD F.	BUSY ACRES FARM	BLOOMVILLE	13739	NY
21-12-0050	LATOURETTE, ROBERT	R D 1	SIDNEY CENTER	13839	NY
21-12-0061	JACKSON, S. GRAHAM	RIVER RD	WALTON	13856	NY
21-12-0065	NEFF, ALFRED	R D 1	WALTON	13856	NY
21-12-0080	GIFFORD, RICHARD HDI		DEPOSIT	13754	NY
21-12-0101	JOHSON, MICHAEL & PAUL		MERIDALE	13806	NY
21-12-0103	BELL, DAVED E. & JEANNE	SWISS-BELL FARM	WALTON	13856	NY
21-12-0117	KLUMPE, HERBERT W. JR.	CRESTWIND FARM	MEREDITH	13805	NY
21-12-0130	VAN KLEECK, GEORGE FMI		HOBART	13788	NY
21-12-0160	SHAW, JAMES		HAMDEN	13782	NY
21-12-0180	VANBENSCHOTEN,ROLAND FM		NEW KINGSTON	12459	NY
21-12-0181	JACKSON, W. THOMAS	R D 1	WALTON	13856	NY
21-12-0187	BARLOW, JOHN	LAKE DELAWARE	DELHI	13753	NY
21-12-0199	ACKERMAN, MELVIN	BOX 13	SOUTH KORTRIGHT	13842	NY
21-12-0200	KUPPENS BROTHERS		WALTON	13856	NY
21-12-0210	CONKLIN, MERVIN	RD 2	WALTON	13856	NY
21-12-0231	WARD, MILTON		DELHI	13856	NY
21-12-0244	HOLLEY, NORTON E.	R D 1	BLOOMVILLE	13753	NY
21-12-0245	ADAMS, JOHN R.		BLOOMVILLE	13739	NY
21-12-0256	BUSSY, IVAN H.		HALCOTTSVILLE	12438	NY
21-12-0301	REYNOLDS, HAROLD W.	REYNACRES FARM	DE LANCEY	13752	NY
21-12-0305	THORINGTON,JOHN & STANLE	RD 1	PRATTSVILLE	12468	NY
21-12-0307	STEVENS, DOUGLAS	FALLCLOVE	DE LANCEY	13752	NY
21-12-0330	TAYLOR, DAVID		MARGARETVILLE	12455	NY
21-12-0334	PIERCE, CARROLL G.	R D # 3	WALTON	13856	NY
21-12-0350	DAYTON, HENRY		STAMFORD	12167	NY
21-12-0355	STURGESS, HAROLD	MILL BROOK	HOBART	13788	NY
21-12-0362	UTTER, LEONARD		MARGARETVILLE	12455	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-12-0371	INMAN, WILLIAM		BOVINA CENTER	13740	NY
21-12-0378	PROSPECT FARM FARVIEW DI	ATT CLAUDE COOK	STAMFORD	12167	NY
21-12-0384	WHITTAKER, JOSEPH JR.	RD 2	DELHI	13753	NY
21-12-0388	SCOFIELD, CHESTER E.	R D 2	DELHI	13753	NY
21-12-0389	MEANS, SCOTT P.		DELHI	13753	NY
21-12-0396	WARNER CREST FARMS	R D 2	MASONVILLE	13804	NY
21-12-0398	RIVERLAND FARM		BLOOMVILLE	13739	NY
21-12-0402	HAIT, HERBERT		HOBART	13788	NY
21-12-0426	STOCKSIEKER, RICH & BERT	HODGE-HALLIG FARM	ANDES	13731	NY
21-12-0441	WASSERSTROM, RICHARD	TREADWELL STAGE	DELHI	13753	NY
21-12-0454	RICH, GEORGE C.		FRANKLIN	13775	NY
21-12-0456	TAYLOR, RALPH	STAR ROUTE	WALTON	13856	NY
21-12-0474	BUDINE, STANLEY H. JR.	RD 2 EAST BROOK	WALTON	13856	NY
21-12-0479	PROSPECT FARM SUNRISE DI	ATT. CLAUDE COOK	STAMFORD	12167	NY
21-12-0485	LA-RON FARM	BOX 823	FRANKLIN	13775	NY
21-12-0489	KAUFMAN, PETTUS AND CON		FRASER	13753	NY
21-12-0500	FAIRBAIRN, JOHN		ARKVILLE	12406	NY
21-12-0505	KELLETT, JOHN		DEPOSIT	13754	NY
21-12-0522	JOHNSON, LLOYD H.	DELHI ONEONTA STAG	ONEONTA	13820	NY
21-12-0533	NYS AG & TECH INST	FRANK LOVELAND MGR	DELHI	13753	NY
21-12-0543	CABLE, ROBERT F & LINDA	R D 1	HAMDEN	13782	NY
21-12-0546	COULTER, LEWIS		HAMDEN	13782	NY
21-12-0550	JENDRZEJEWSKI,JOS.&KENER		DELHI	13753	NY
21-12-0553	JORDAN, CLIFFORD		MERIDALE	13806	NY
21-12-0575	HUTSON, THOMAS R		DE LANCEY	13752	NY
21-12-0610	GAVETT, CHARLES	R D GAVETT FARMS	HAMDEN	13782	NY
21-12-0611	DU MOND, BASIL		WALTON	13856	NY
21-12-0613	MILLER, ROBERT L.	R D 1	FRANKLIN	13775	NY
21-12-0616	GRAY, NELSON		NEW KINGSTON	12459	NY
21-12-0627	LATOURETTE, RICHARD	R D 1	SIDNEY CENTER	13839	NY
21-12-0667	RADLEY, ERNEST	TREADWELL ROAD	DELHI	13753	NY
21-12-0669	DUGAN, JOHN JR.		ROXBURY	12474	NY
21-12-0672	RABELER DAIRY FARM HDI		BOVINA CENTER	13740	NY
21-12-0687	VANVALKENBURG, ROGER HD	R D 1	HARPERSFIELD	13786	NY
21-12-0700	WILSON, BURTON	ELK CREEK	DELHI	13753	NY
21-12-0701	LAMPORT, FRANK JR.	RIVER ROAD	HOBART	13788	NY
21-12-0734	WARNER, CLAYTON JR	BEEBEE HILL	DEPOSIT	13754	NY
21-12-0737	GUNTERT, KARL		EAST MEREDITH	13757	NY
21-12-0751	BURNS, THOMAS		BOVINA CENTER	13740	NY
21-12-0752	SINES, EARL FM 1	R D 3	WALTON	13856	NY
21-12-0754	PROSPECT FMS. PINE I. DI	ATT CLAUDE COOK	STAMFORD	12167	NY
21-12-0777	KUHN, WALTER & SONS		GRAND GORGE	12434	NY
21-12-0800	RUSSELL, MILLARD JR.		BOVINA CENTER	13740	NY
21-12-0803	POST, DAVID E.		HOBART	13788	NY
21-12-0829	MARTIN, EDWIN		SOUTH KORTRIGHT	13842	NY
21-12-0845	MAC-LE FARM		HOBART	13788	NY
21-12-0852	SHERWOOD, HARVEY OR GARY	STAR ROUTE	KELLY CORNERS	12445	NY
21-12-0854	CZAJA, LEON	WARREN DRIVE	OQUNSVILLE	13755	NY
21-12-0859	SCUDDER, LEIGHTON		FLEISCHMANNS	12430	NY
21-12-0864	RUFF, WILLIAM FM 2		ANDES	13731	NY
21-12-0875	SUTHERLAND, HUGH R.	R F D 1	DELHI	13753	NY
21-12-0883	HOLLEY, NORTON E. JR	R D 1	BLOOMVILLE	13739	NY
21-12-0885	WEINMANN, ALLAN	CLOVE RD. HILLTOP	HOBART	13788	NY
21-12-0900	DOUGLASS, GUY C.	R D 1	EAST MEREDITH	13757	NY
21-12-0912	LITTLE, ROBERT	FALL CLOVE	DELANCEY	13752	NY
21-12-0916	ACKERMAN, PHILLIP	RIVER RD	BLOOMVILLE	13739	NY
21-12-0921	KENYON, H & A	R D 1	UNADILLA	13849	NY
21-12-0934	SMITH, ERNEST & DON	R R 1	FRANKLIN	13775	NY
21-13-0006	PLANKENHORN FARM	GRETNA ROAD	HYDE PARK	12538	NY
21-13-0014	MITCHELL, RAY.		STANFORDVILLE	12581	NY
21-13-0020	HILLAIRE FARM	TOWER HILL ROAD	MILLBROOK	12545	NY
21-13-0029	WELLS BROTHERS	RFD 2	MILLBROOK	12545	NY
21-13-0033	COON BROTHERS RD 1	SMITHFIELD ROAD	AMENIA	12501	NY
21-13-0049	GREIG, ROBERT G.	PITCHER LANE	RED HOOK	12571	NY
21-13-0067	GREEN HAVEN PRISON	ROUTE 216	STORMVILLE	12582	NY
21-13-0092	BOS-HAVEN FM 2	ATT DONALD MARSHAL	VERBANK	12585	NY
21-13-0102	PEROTTI, FRANK FARM 1	R F D 2	MILLERTON	12546	NY
21-13-0116	DELAVAL RESEARCH FARM	ATT. CHARLES PLACE	PINE PLAINS	12567	NY
21-13-0156	GRETNA ACRES ROBT HENLET	R D 1 12601	POUGHKEEPSIE	12600	NY
21-13-0159	BENEKE, J. & H.	WILLOWBROOK FMS RF	MILLERTON	12546	NY
21-13-0166	JACOBY, LELAND	R F D 2 BOX 136	RED HOOK	12571	NY
21-13-0236	BUTLER, C. E. & SON	HOLSTEIN HERD	PINE PLAINS	12567	NY
21-13-0264	WHALEN, RICHARD	SOUTH ROAD	MILLBROOK	12545	NY
21-13-0268	BRUSIE, JOHN	WEBUTUCK FARM	MILLERTON	12546	NY
21-13-0272	KAIN, JOSEPH L.	ROUTE 22	AMENIA	12501	NY
21-13-0304	WIGSTENS HIGHLINE FARM	WIGSTEN RD	PLEASANT VALLEY	12569	NY
21-13-0309	BARLOWS AYRSHIRES	SOUTH AMENIA ROAD	AMENIA	12501	NY
21-13-0328	GILBERT BROTHERS	VIOLET AVE-T GILBE	HYDE PARK	12538	NY
21-13-0330	HEFFERING & TRAVENA	HANOVER HILL FARM	AMENIA	12501	NY
21-13-0331	RUSSIN, ROBERT J	R D 1	MILLERTON	12546	NY
21-13-0339	WINANS, H. C. AND SON		PINE PLAINS	12567	NY
21-13-0348	BOERDERIJ FARM	R D 1	MILLERTON	12546	NY
21-13-0352	STATE UNIV AG & TECH COL	MELVILLE ROAD	FARMINGDALE	11735	NY
21-13-0357	CARWYTHAM FARM, INC.	S BALDWIN HAYGRND	BRIDGEHAMPTON	11932	NY
21-13-0358	CHAUNCEY, A.W.	COVE HOLLOW ROAD	EAST HAMPTON	11937	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-13-0361	SHELDON, EUGENE JR.	SALT POINT RD	CLINTON CORNERS	12514	NY
21-13-0364	LINDEN FARM	LINDEN AVE	RED HOOK	12571	NY
21-13-0371	CHASEHOLME FARM	BRYANT RD. K B CHA	PINE PLAINS	12567	NY
21-13-0373	ANDERSSON, TAGE	NORTH AVE.	SALT POINT	12578	NY
21-13-0378	TULLYHELL FARM	H. LOUIS BOTHWELL	MILLERTON	12546	NY
21-13-0379	ELLBANK FARM	R D 1 ATT R A WRIG	MILLERTON	12546	NY
21-13-0388	COON BROTHERS HD 2	SMITHFIELD ROAD	ANENIA	12501	NY
21-13-0395	KELLEY, JOHN R. FM1	STATE LINE RD.	MILLERTON	12546	NY
21-13-0466	WINCHELL MT. FARM	WINCHELL MT. RD.	MILLERTON	12546	NY
21-13-0475	MULLER, A.C. RED ROSE FM	QUAKER HILL	PAWLING	12564	NY
21-13-0499	HONOUR, HENDERSON	SMITHFIELD ROAD	MILLERTON	12546	NY
21-13-0500	SILVER MT. FARM 1	SMITHFIELD ROAD	MILLERTON	12546	NY
21-13-0616	BOS-HAVEN FM 1	DONALD MARSHALL	VERBANK	12585	NY
21-13-0664	PULVER, STANLEY AND SON	WNCHL MT RD	MILLERTON	12546	NY
21-13-0666	DONNEY, MAURICE F.	RUDD POND RD	MILLERTON	12546	NY
21-13-0745	BROOKWOOD FARM	SKUNKS MISERY ROAD	MILLERTON	12546	NY
21-13-0770	VAIL BROTHERS	CLOVE VALLEY RD.	LAGRANGEVILLE	12540	NY
21-13-0777	FARAWAY FARM		PINE PLAINS	12567	NY
21-13-0789	JACKSON BROTHERS	JACKSON RD	HOPEWELL JUNCTION	12533	NY
21-13-0966	OLSUMMIT FARM	BOSTON CORNERS ROA	MILLERTON	12546	NY
21-14-0027	ERIE COUNTY FM-S.SLUBECK	WENDE RD	ALDEN	14004	NY
21-14-0034	SCHINTZIUS, PAUL	WARNER HILL ROAD	SOUTH WALES	14139	NY
21-14-0041	WIDEMAN AND SNYDER	HUNTS CORNER	AKRON	14001	NY
21-14-0067	GUENTHER, GERALD	CAPITAL HEIGHTS	HOLLAND	14080	NY
21-14-0105	GEORGE, CARL	SANDERS HILL RD	STRYKERSVILLE	14145	NY
21-14-0127	TOMLINSON BROTHERS	WILLARD AND HOWARD	WALES CENTER	14169	NY
21-14-0128	RICHARDSON, PHILIP	S NEWSTEAD RD	AKRON	14001	NY
21-14-0167	SCHULTZ, ROBERT AND SON	ROUTE 39	COLLINS	14034	NY
21-14-0168	MILES, ARTHUR	SO NEWSTEAD RD	AKRON	14001	NY
21-14-0182	GINGERICH, EARL	FOUR ROD RD. R D 3	EAST AURORA	14052	NY
21-14-0186	LUNO, BRUCE	MAYO ROAD	SPRINGVILLE	14141	NY
21-14-0192	DALE LEE FARM	CLINTON ST	ELMA	14059	NY
21-14-0258	HAUTH, RICHARD	RT 219	BOSTON	14025	NY
21-14-0263	BREMILLER, WILLIAM N. HD	PRATHAM ROAD	EAST CONCORD	14055	NY
21-14-0265	ELLS, LEWIS H.	TWO ROD ROAD	EAST AURORA	14052	NY
21-14-0293	SPAULDING, LYLE HD. 1	DOKES ROAD	EAST CONCORD	14055	NY
21-14-0294	PINE GROVE FARMS 2	L.I. BROWN TWOROD	EAST AURORA	14052	NY
21-14-0296	LE-GO-LA FARM	PRATHAM ROAD	EAST CONCORD	14055	NY
21-14-0305	KRAMER BROTHERS	HOLLAND GLENWOOD R	HOLLAND	14080	NY
21-14-0317	SMITH, ROY	PRATHAM ROAD	EAST CONCORD	14055	NY
21-14-0341	BUTZER, ROBERT	KETCHUM ROAD	LAWTONS	14091	NY
21-14-0345	LOCH LEE FARM 2	12617 BROADWAY	ALDEN	14004	NY
21-14-0347	HAWLEY, ROBERT J.	CORNHALL ROAD	SOUTH WALES	14139	NY
21-14-0348	GREATBATCH, JOHN	ROUTE 5	AKRON	14001	NY
21-14-0349	M & D FARM	ROUTE 39	CHAFFEE	14030	NY
21-14-0357	PERRIN, THOMAS D.	CENTERLINE ROAD	SOUTH WALES	14139	NY
21-14-0383	SERGEL, GARY	4225 MAIN STREET	JAVA VILLAGE	14083	NY
21-14-0439	SCHELBLE, ROBERT	ALLEN ROAD	EAST CONCORD	14055	NY
21-14-0453	EMERLING, BERNARD	EMERLING RD	SPRINGVILLE	14141	NY
21-14-0468	BOCKMANN BROTHERS	GENESE RD	EAST CONCORD	14055	NY
21-14-0620	WIEDEMANN, ALAN H.	CURRIERS ROAD	CHAFFEE	14030	NY
21-14-0878	HANDY, WESLEY W. & FRED	ELDRIDGE ROAD	EAST AURORA	14052	NY
21-15-0012	CLARK, DARWIN 3RD	BOX 47	WHALLONSBURG	12994	NY
21-15-0269	WEST, JOHN A.		WILLSBORO	12996	NY
21-16-0017	BOVA, FRED		BURKE	12917	NY
21-16-0027	AUBREY, DAVID	RT 2	BURKE	12917	NY
21-16-0039	NORTHERN-GLO FARM	R 2 BOX 11	NORTH BANGOR	12966	NY
21-16-0048	COOK, JAMES FM. 1	R F D 1	BURKE	12917	NY
21-16-0062	HESSELTINE, CHARLES L.	RT 3	MALONE	12953	NY
21-16-0091	BROCKWAY, FLOYD & SON	ROUTE 1	FORT COVINGTON	12937	NY
21-16-0108	SILVER DAWN DAIRY	ROUTE 2 M. REYNOLD	BURKE	12917	NY
21-16-0173	EGAN, JAMES	ROUTE 2	NORTH BANGOR	12966	NY
21-16-0195	DEBYAH, LEROY	ROUTE 1	NORTH BANGOR	12966	NY
21-16-0215	COLLINS HI-VIEW FARM	ROUTE 1	MALONE	12953	NY
21-16-0237	PETERBARB FARM 1	R D 2	CHATEAUGAY	12920	NY
21-16-0247	HAPEMAN, CHARLES	HELENA ROAD ROUTE	BOMBAY	12914	NY
21-16-0285	HEAVEN HILL FARM		LAKE PLACID	12946	NY
21-16-0381	CHILD, ALLEN	ROUTE 2	MALONE	12953	NY
21-16-0472	DIMOND, JAMES F.		FORT COVINGTON	12937	NY
21-16-0610	BEERHAVEN FM- M. DEBEER	STAR ROUTE	NORTH BANGOR	12966	NY
21-16-0671	DUMAS, KENNETH	R F D 2 WHITTEN RD	MALONE	12953	NY
21-18-0010	MY T ACRES HERD 1	8127 LEWISTON ROAD	BATAVIA	14020	NY
21-18-0014	CASPER, HAROLD	R D 3	BATAVIA	14020	NY
21-18-0172	KING FRANK J.	6262 BYRON ELBA RO	BYRON	14422	NY
21-18-0276	REYNOLDS, EDWARD	ROUTE 77	CORFU	14036	NY
21-18-0281	G L G ACRES	1232 INDIAN FALLS	CORFU	14036	NY
21-18-0296	PENGELLY, WILLARD	LAKE ROAD	BERGEN	14416	NY
21-18-0304	IVISON, KENNETH HD 1		SOUTH BYRON	14557	NY
21-18-0313	PERRIN, DONALD R.	2825 DODGESON RD.	ALEXANDER	14005	NY
21-18-0322	OFFHAUS FARMS, INC.	7892 OAK ORCHARD R	BATAVIA	14020	NY
21-18-0330	BERKEMEIER, H. C. & SONS	10825 EAST ROAD	PAVILION	14525	NY
21-18-0427	SNELL, ROGER	AIRVILLE RD	CORFU	14036	NY
21-18-0464	KLOTZBACH BRO.	R D 1	CORFU	14036	NY
21-19-0028	OLIVER, HENRY L.		PRATTSVILLE	12468	NY
21-19-0042	RATH, KARL HEINZ	R D	COXSACKIE	12051	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-19-0061	PARTRIDGE, ALFRED,HDl		EAST DURHAM	12423	NY
21-19-0067	AUGSTEIN, P. AND R.	R D 1 BOX 165	GREENVILLE	12083	NY
21-19-0084	PARTRIDGE, FRANCES		EAST DURHAM	12423	NY
21-19-0103	BRABANT, ROBERT	R D 1	PRATTSVILLE	12468	NY
21-19-0104	LANGE, DORTHEE	GAYHEAD ROUTE	LEEDS	12451	NY
21-19-0112	CONINE, EVERETT	R F D	PRATTSVILLE	12468	NY
21-19-0113	BEAR, ORLOFF		GREENVILLE	12083	NY
21-19-0115	FARBER, JOHN J.	R F D JJF FH	EAST JEWETT	12424	NY
21-19-0121	HULL, FRANK		DURHAM	12422	NY
21-20-0002	CASLER, IRVING	R D 3	LITTLE FALLS	13365	NY
21-20-0003	WICHOWSKY, STANLEY	R D 1	FORT PLAIN	13339	NY
21-20-0030	JOHNSON, ROBERT	ROUTE 1	ILION	13357	NY
21-20-0063	KAPALA, MATTHEW	R D 3	LITTLE FALLS	13365	NY
21-20-0064	DEMEREE, GEORGE	R D 3	LITTLE FALLS	13365	NY
21-20-0085	SHLOTZHAUER, R. H.	R D 1	MOHAWK	13407	NY
21-20-0088	WINDECKER, LEROY	R D 3	FRANKFORT	13340	NY
21-20-0095	MANOR FARM	R D 1	LITTLE FALLS	13365	NY
21-20-0123	FINSTER FARMS	RD 3	FRANKFORT	13340	NY
21-20-0151	STECIAK, STEPHEN JR.	R D 1	LITTLE FALLS	13365	NY
21-20-0173	ALLEN, MADISON G.	STAR ROUTE	WEST WINFIELD	13491	NY
21-20-0192	MANOR SPRINGS	R D 1	LITTLE FALLS	13365	NY
21-20-0200	TELSTAR FARMS	R D 2 CHLUS BROS.	LITTLE FALLS	13365	NY
21-20-0204	BURDICK, GLENN C.	ROUTE 1	WEST WINFIELD	13491	NY
21-20-0228	LAMANNA, CARMEN J.	MANAVALE FM R D 2	LITTLE FALLS	13365	NY
21-20-0274	GEHRING, AARON & DONALD	R D 3	LITTLE FALLS	13365	NY
21-20-0277	SCHREIBER, JOHN R.	R D 1	POLAND	13431	NY
21-20-0296	DEBILL FARMS	BOX 64 WM. MURPHY	FAIRFIELD	13336	NY
21-20-0298	PETKOVSEK, FRANK 3RD	RD1 MANHEIM DALE F	LITTLE FALLS	13365	NY
21-20-0306	SHUSTER, STAN & TINY	R D 2 KENNEDY RD	ST JOHNVILLE	13452	NY
21-20-0532	KENDALEN FARM	R D 2	WEST WINFIELD	13491	NY
21-20-0536	DAVY, F. DAVID, JR.	R D 1	FORT PLAIN	13339	NY
21-20-0615	MANHEIM FARMS	R D 1	LITTLE FALLS	13365	NY
21-20-0660	DON-DALE FARMS	ROUTE 1	FRANKFORT	13340	NY
21-20-0913	HAUGHTON, PALMER	RFD 1	LITTLE FALLS	13365	NY
21-21-0039	CALL, CLARENCE	ROUTE 1	EVANS MILLS	13637	NY
21-21-0048	HUNTER, ALAN		REDWOOD	13679	NY
21-21-0094	AUBERTINE, P. AND T.		CAPE VINCENT	13618	NY
21-21-0097	LITTLEFIELD, CLARENCE H.	R D 1	WATERTOWN	13601	NY
21-21-0111	CADY, CHARLES F.	RFD 1	SACKETS HARBOR	13685	NY
21-21-0114	BEDOR, J W	43 NORTH PARK STRE	ADAMS	13605	NY
21-21-0151	BROWN, HOWARD A.	R D 2	HANSVILLE	13661	NY
21-21-0236	DURANT, ALLISON		ELLISBURG	13636	NY
21-21-0239	BARNEY, RICHARD		WOODVILLE	13698	NY
21-21-0245	PATTERSON FMS-W PATTERSO	PATTERSON RD	WATERTOWN	13601	NY
21-21-0248	DAVIS, E.M.		ELLISBURG	13636	NY
21-21-0259	SHELMIDINE, DONALD W.	R D 1	ADAMS	13605	NY
21-21-0297	BOURQUIN, CHARLES & SON	RD 1	CAPE VINCENT	13618	NY
21-21-0306	DORR FARMS	R D 1 RICHARD DORR	BLACK RIVER	13612	NY
21-21-0309	EVELEIGH, BERNARD	R D 1	HANNSVILLE	13661	NY
21-21-0361	PORTER, GLENN C.	AYRSHIRE R D 3	WATERTOWN	13601	NY
21-21-0374	BAST, E. KENNETH	STAR RT.	ELLISBURG	13636	NY
21-21-0382	SUGDEN FARMS	R D 2	HANNSVILLE	13661	NY
21-21-0411	NOHLE, RALPH & DONNA	STAR ROUTE	ADAMS	13605	NY
21-21-0423	WOOD, WELDON O.	ROUTE 1	PHILADELPHIA	13673	NY
21-21-0427	MITCHELL, H. BEN		LAFARGEVILLE	13656	NY
21-21-0430	TINKHAM, CLIFTON FH 2	ROUTE 1	LA FARGEVILLE	13656	NY
21-21-0451	PAUL, WILFRED H.	ROUTE 1	EVANS MILLS	13637	NY
21-21-0508	HALKO, CARL	ROUTE 2	WATERTOWN	13601	NY
21-21-0526	KIECHLE, CARL L.	ROUTE 1	PHILADELPHIA	13673	NY
21-21-0541	SOURWINE, FREDRICK	R F D	ALEXANDRIA BAY	13607	NY
21-21-0556	FIELDS, FREDERICK A.	STAR ROUTE	SACKETS HARBOR	13685	NY
21-21-0559	OVERTON, R. H.	RFD 1	ADAMS	13605	NY
21-21-0586	CENTER DALE FARM 2	RT 1	BLACK RIVER	13612	NY
21-21-0616	MEAD, WILBUR AND LARRY	STAR ROUTE	ADAMS	13605	NY
21-21-0630	MILLER, RICHARD L.	ROUTE 2	CARTHAGE	13619	NY
21-21-0647	PORTER, GLENN C.	HOLSTEIN RD 3	WATERTOWN	13601	NY
21-21-0773	LAWRENCE, NED & SON	RD 1	CAPE VINCENT	13618	NY
21-21-0820	SAWYER, DONALD H.	R D 2	WATERTOWN	13601	NY
21-21-0914	SHIMEL, H. FOSTER & SON	ROUTE 2	LA FARGEVILLE	13656	NY
21-21-0945	DEER LICK FARM		CAPE VINCENT	13618	NY
21-22-0005	HILL, BERNARD	R D 2	LOWVILLE	13367	NY
21-22-0024	GILLETTE, TOM	ROUTE 1 KLER-VU FM	TURIN	13473	NY
21-22-0045	WILBERT, NORBERT	BALSAM ACRES	WEST LEYDEN	13489	NY
21-22-0049	HAROLF, WAYNE	ROUTE 1	COPENHAGEN	13626	NY
21-22-0054	LEE, JAMES A.	R D 1 LEERIDGE FAR	TURIN	13473	NY
21-22-0112	A.H.-PONDEROSA	R D 1	COPENHAGEN	13626	NY
21-22-0148	WIDRICK, AARON A.	R D 2	LOWVILLE	13369	NY
21-22-0172	HAROLF, NELSON	ROUTE 1	CASTORLAND	13620	NY
21-22-0201	WIDRICK, NELSON	ROUTE 1	CROGHAN	13327	NY
21-22-0203	ZEHR, ROBERT	R D	CROGAN	13327	NY
21-22-0208	ROGGIE, ANDREW	RT4 HARMONY HAVEN	LOWVILLE	13367	NY
21-22-0233	VANALSTINE, GALE	RD	LYONS FALLS	13368	NY
21-22-0237	RHUBART, LARRY		TURIN	13473	NY
21-22-0242	MCINTYRE, STANLEY W.	R.D. 1	LOWVILLE	13367	NY
21-22-0259	WIDRICK, HARVIN	BOX 27	CASTORLAND	13620	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-22-0294	STARING, HERBERT	RD2	LOWVILLE	13367	NY
21-22-0328	HURCH, DAVID	RD1 SILVERWOOD FAR	LOWVILLE	13367	NY
21-22-0580	FARNEY, HERBERT & WILBUR		LOWVILLE	13367	NY
21-22-0581	PETERSON, ROBERT	R D 2	LOWVILLE	13367	NY
21-23-0014	HOUSE, ROBERT	1652 WEST RIVER RD	CALEDONIA	14423	NY
21-23-0015	COLLINS BROTHERS	RD 1	AVON	14414	NY
21-23-0033	BEECHER, R. C.	LIVONIA CENTER ROA	LIVONIA	14487	NY
21-23-0060	LAWNEL VALLEY VW FM		PIFFARD	14533	NY
21-23-0095	WEEWOOD FARMS	RD	CALEDONIA	14423	NY
21-23-0135	BRIGGS, EDWIN	R D 1	WAYLAND	14572	NY
21-23-0150	DONNAN AND DONNAN		PIFFARD	14533	NY
21-23-0162	SMITH, ROGER	R.D. 1	LIMA	14485	NY
21-23-0173	WORTZMAN, FRED	RT 20 GRELYN FARM	AVON	14414	NY
21-23-0189	BONNER, LOREN	RD 3	DANSVILLE	14437	NY
21-23-0201	KURTZ, WILLIAM B.		LIVONIA	14487	NY
21-23-0218	SUNBURST ACRES	CURRY & SNS BOX 49	YORK	14592	NY
21-23-0245	BOVEE, KENNETH AND SON	CASEY ROAD	CALEDONIA	14423	NY
21-23-0256	TERRY, JOHN L. JR.	7613 TOWNLINE ROAD	LIMA	14485	NY
21-23-0268	CICERO, JOSEPH A. & SON	CADYVILLE ROAD	LAVONIA	14487	NY
21-23-0272	SEVEN PINES DAIRY I DAVI	SPRINGBROOK ROAD	HUNT	14846	NY
21-23-0273	CRYE, GLADYS	6402 AVON LIMA ROA	AVON	14414	NY
21-23-0476	MULLIGAN FARM INC.	R D 1	AVON	14414	NY
21-23-0490	NAGEL, FREDERICK	R D	PIFFARD	14533	NY
21-23-0491	WYAND, EUGENE	RD	CALEDONIA	14423	NY
21-23-0590	PATRICK, L. AND R.		PERRY	14530	NY
21-23-0610	PERRY, KERMIT		HUNT	14846	NY
21-23-0810	ANDERSON, J. D.	AGAR RD.	AVON	14414	NY
21-23-0811	COYNE FARMS	R D 1	AVON	14414	NY
21-23-0814	PEASE, GERALD	LIMA ROAD	GENESEO	14454	NY
21-23-0937	NOBLEHURST FARMS	RD 2	PAVILION	14525	NY
21-23-0976	PARNELL, STEWART		PIFFARD	14533	NY
21-24-0020	HARVEY, GLENN	BOX 186	EARLVILLE	13332	NY
21-24-0029	MEADOWS FARM	ATT N WEBBER R D 2	CAZENOVIA	13035	NY
21-24-0030	MORRIS, RAYMOND	R D 1	EATON	13334	NY
21-24-0047	BREWER FARM	R D 1	ONEIDA	13421	NY
21-24-0048	EAVES, SCOTT	R D 2	EARLVILLE	13332	NY
21-24-0058	AMES, RICHARD & MARSHA	BOX 104	EATON	13334	NY
21-24-0061	HEADLINE FARMS	R D 2	WATERVILLE	13480	NY
21-24-0090	HIRT, THOMAS	RD 1	NEW WOODSTOCK	13122	NY
21-24-0125	JONES, HARLAN W.	R D 3	CAZENOVIA	13035	NY
21-24-0130	CURTIS, RUSSELL AND SONS	R D 3	CAZENOVIA	13035	NY
21-24-0217	SMITHLAND FARMS	R D 3	CANASTOTA	13032	NY
21-24-0239	WASHBON, DONALD F.	R D 3	CAZENOVIA	13035	NY
21-24-0293	WHIPPLE, FREDERICK J.	RD1	CHITTENANGO	13037	NY
21-24-0333	GEISLER, WALTER & DONNA	R D 1	MUNNSVILLE	13409	NY
21-24-0337	BURKERT, ELMER J.	R D 1	BOUCKVILLE	13310	NY
21-24-0350	OSTER, RONALD	R D 3 BOX 43	CANASTOTA	13032	NY
21-24-0361	SMITH, ROSS R.	VALLEY HILLS RD R	MUNNSVILLE	13409	NY
21-24-0380	CURTIN BROTHERS	WEST ROAD R D 2	ONEIDA	13421	NY
21-24-0401	MARTIN, BRUCE G.	R D 2 RIDGE ROAD	CAZENOVIA	13035	NY
21-24-0403	CARHART, E. L. & SONS	SMITH ROAD R D 1	HAMILTON	13346	NY
21-24-0404	NEWTON, LLOYD	DAMON-ROAD R D 1	NEW WOODSTOCK	13122	NY
21-24-0405	BUSH, LOUIS	R D 2	CAZENOVIA	13035	NY
21-24-0414	BARNES, CEDRIC M. JR.	R D 1	DERUYTER	13052	NY
21-24-0428	ROBERTS, GORDON & CLARA	CENTER ROAD	MADISON	13402	NY
21-24-0447	FOUR WINDS FARM	RT 46 MORALEA HAYD	MUNNSVILLE	13409	NY
21-24-0451	TRUAX MALCOLM	WATER STREET RD1	ORISKANY FALLS	13425	NY
21-24-0452	DYGERT, JOHN R. 3RD	R D 1 FOREST AVE	ONEIDA	13421	NY
21-24-0460	YASGUR FARMS 3	ATT-RAY BROWN RD2	MORRISVILLE	13408	NY
21-24-0463	TALBOT, GARY	R D 2	WEST WINFIELD	13491	NY
21-24-0491	HEADSON HOLSTEINS HD 1	DIGHTON HEAD R.D.	WATERVILLE	13480	NY
21-24-0495	NYS AGRIC. TECH. COLLEGE	BOX P	MORRISVILLE	13408	NY
21-24-0531	CONROY, ROBERT	ATT: BRUCE SIMMONS	WEST WINFIELD	13491	NY
21-24-0630	ECCLESTON, C. A.	BROAD STREET	HAMILTON	13346	NY
21-24-0657	KELSEY, FRANCIS & SONS	R D 4	CANASTOTA	13032	NY
21-24-0668	JENNY BROS.	R D 1	EATON	13334	NY
21-24-0671	EVANS, GERALD	R F D 1	GEORGETOWN	13072	NY
21-24-0707	FISHER FARMS-2	R D 4	CANASTOTA	13032	NY
21-24-0876	TRASK, PRESTON E.		HAMILTON	13346	NY
21-24-0894	SHEPARD, DAVE & DON	R D 1	CAZENOVIA	13035	NY
21-24-0917	NEW, WESLEY	R D 1	CANASTOTA	13032	NY
21-24-0933	NOWERLAND FARMS-1	R D 2	HAMILTON	13346	NY
21-24-0966	SNOW, C. W. AND SONS	STAR ROUTE	NORTH BROOKFIELD	13418	NY
21-24-0994	HOLMES, EDMUND L.	R D 1	NEW WOODSTOCK	13122	NY
21-24-0996	HOLMES, RALPH	R D 3	CAZENOVIA	13035	NY
21-25-0066	GAYVIEW ACRES	620 MALLOCK ROAD	CHURCHVILLE	14428	NY
21-25-0179	EHRMENTRAUT, JAMES	84 SOUTH MAIN ST	CHURCHVILLE	14428	NY
21-25-0217	GONSENHAUSER, MARK J.	1575 WINTON RD SOU	ROCHESTER	14618	NY
21-25-0218	DUNCAN, DEAN & BURT	426QUAKER MTNG HOU	HONEOYE FALLS	14472	NY
21-25-0499	ZUBER, WILLIAM HERD 1	4001 WEST SIDE DRI	CHURCHVILLE	14428	NY
21-25-0561	DENNICREST FARM	1920 GLORIA DRIVE	FAIRPORT	14450	NY
21-25-0791	SMITH, GEORGE AND LES	276 COLBY ROAD	SPENCERPORT	14559	NY
21-26-0017	ZELSON FARMS	R D 3	FORT PLAIN	13339	NY
21-26-0031	SAMMONS, R. & V. FM 1	R D 1	JOHNSTOWN	12095	NY
21-26-0041	STOCKWELL BROTHERS	R D 3	FORT PLAIN	13339	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-26-0054	RUSSELL, LINCOLN	R D 1	LITTLE FALLS	13365	NY
21-26-0085	FRAISER, PAUL	R D 1	JOHNSTOWN	12095	NY
21-26-0194	HARRIS, RICHARD	R D 1	SPRAKERS	12166	NY
21-26-0222	LENHORB FARM	R D 1 ATT FRED CAR	JOHNSTOWN	12095	NY
21-26-0275	BAER, FRED	R D 1	PALATINE BRIDGE	13428	NY
21-26-0290	TRIUMPHO, RICHARD	R D 1	SAINT JOHNSVILLE	13452	NY
21-26-0298	FRASIER, MYRON	R D 1	JOHNSTOWN	12095	NY
21-26-0320	FRANCISCO, SUSAN	R D 2	AMSTERDAM	12010	NY
21-26-0330	SACKETT & BARGSTEDT HD 1	HIGH VALLEY FM. RD	AMSTERDAM	12010	NY
21-26-0341	HANDY, KEITH & SON	R D 1	FORT PLAIN	13339	NY
21-26-0358	MC NINNEY, ORSON	R D 1	FULTONVILLE	12072	NY
21-26-0369	VANLOAN, GRANT H.	R D 3	FORT PLAIN	13339	NY
21-26-0385	SETTLE, HAROLD	R D 1	ST. JOHNSVILLE	13452	NY
21-26-0395	BUNKER, SETH	R D 2 CREEK ACRES	AMSTERDAM	12010	NY
21-26-0399	RIDGEDALE	WILLIS CONARD RD2	SHARON SPRINGS	13459	NY
21-26-0405	HEALY, HUGH	R D 2	JOHNSTOWN	12095	NY
21-26-0406	ARMITSTEAD, WILLIAM	R D 3	FORT PLAIN	13339	NY
21-26-0407	CIPPERLEY, KENNETH A.	R D 2	SHARON SPRINGS	13459	NY
21-26-0408	DOUMA, WILLIAM	R D 3	FORT PLAIN	13339	NY
21-26-0448	HAYES, THOMAS	RD ATT RANDAL IMPL	FULTONVILLE	12072	NY
21-26-0457	HUNT, FRANKLIN	R D 1	SPRAKERS	12166	NY
21-26-0461	MEAD, JAMES & RONALD	R D 2	AMSTERDAM	12010	NY
21-26-0469	KLIM, ALBERT A.	PO BOX 51	RANDALL	12142	NY
21-26-0512	REED SWISS FARM	ATT LELAND REED RD	JOHNSTOWN	12095	NY
21-26-0551	MODEL DAIRY FARM	R D 1	GLOVERSVILLE	12078	NY
21-26-0741	FOX, KENNETH	R D 1	FONDA	12068	NY
21-26-0789	EGLESTON, RALPH	R D 1	FULTONVILLE	12072	NY
21-26-0805	MACE, ROBERT	R D 1	SPRAKERS	12166	NY
21-26-0848	ELLSWORTH, WALTER	R D	PALATINE BRIDGE	13428	NY
21-26-0906	SHORT, ROBERT	R D 3	FORT PLAIN	13339	NY
21-26-0941	SCOTT, MICHAEL	R D 1	AMSTERDAM	12010	NY
21-26-0959	SMITH, DONALD	R D 1	CANAJOHARIE	13317	NY
21-26-0975	HODGE, MERLE		AKES	13317	NY
21-28-0007	KLUMPP, ELMER & SONS	HESS ROAD	APPLETON	14006	NY
21-28-0051	MCCOLLUM, ROBERT & WALTE	RD 2	LOCKPORT	14094	NY
21-28-0060	MILLEVILLE, WILBERT&SONS	2106 CAYUGA DR EX	NIAGARA FALLS	14300	NY
21-28-0076	MAVERICK FM 1 L. KOWALSK	R D 4	LOCKPORT	14094	NY
21-28-0089	POWER VIEW FARM	3109 LOCKPORT ROAD	SANBORN	14132	NY
21-28-0124	REDDAK JER FM L+R WIEPER	3229 RANDALL RD.	RANSOMVILLE	14131	NY
21-28-0277	NEWROYAL FARMS	6672 WHEELER ROAD	LOCKPORT	14094	NY
21-28-0301	MCCOLLUM HOLSTEIN FARMS	R D 2	GASPORT	14067	NY
21-28-0518	MANN, JOHN A.	5780 RIDGE ROAD	LOCKPORT	14094	NY
21-28-0539	PATTERSON, CARL	R D 1	GASPORT	14067	NY
21-29-0012	TYLER, GEORGE F.	ELMER HILL ROAD	ROME	13440	NY
21-29-0017	BURNS BROTHERS	RFD 1	VERNON CENTER	13477	NY
21-29-0055	GRENHOLM FARM 1	R D 1	BLOSSVALE	13308	NY
21-29-0094	ALKIP FARM	7406 TOWNLINE ROAD	ROME	13440	NY
21-29-0126	REGNER, DELWIN	RD 2	ONEIDA	13421	NY
21-29-0132	TOWNSEND, MAX AND CARL	789 SUMMIT RD	PARIS STATION	13430	NY
21-29-0150	VANHATTEN, HERBERT	PUTMAN ROAD	BARNEVELD	13304	NY
21-29-0194	LAW, WILLIAM M.	RD 1	WESTERNVILLE	13486	NY
21-29-0196	COSGROVE, THOMAS W.	FOUNTAIN ST	CLINTON	13323	NY
21-29-0217	ENGELBRECHT, RICHARD	R.D. 1	MADISON	13402	NY
21-29-0245	NIGHTINGALE,GERALD&LYNDO	R D 2	BOONVILLE	13309	NY
21-29-0259	HOBIN, IRVING	R D 1	HOLLAND PATENT	13354	NY
21-29-0269	LALLIER, LOUIS P.	SNOWDEN HILL ROAD	NEW HARTFORD	13413	NY
21-29-0287	WILLIAMS, GEORGE S.		WEST WINFIELD	13491	NY
21-29-0322	BIENICK, FRANKLIN	R D 2	BOONVILLE	13309	NY
21-29-0348	TUTHILL, LESLIE AND VERN	CEMETERY ROAD	LEE CENTER	13363	NY
21-29-0349	KAMINSKI, WALTER M.	9321 BUTLER RD.	SAUQUOIT	13456	NY
21-29-0363	CHANDLER, VERNON	RD 1	VERNON CENTER	13477	NY
21-29-0369	MORGAN, RALPH W.	897 SULPHUR SPRGS	SAUQUOIT	13456	NY
21-29-0384	VAN LIESHOUT, HENRY & LE	RD 1 BRABANT FM.	VERONA	13478	NY
21-29-0391	NORMAN, JOHN & WILLIAM	R D 2	ROME	13440	NY
21-29-0395	GROWER, R. C. & SON	R D 2	BOONVILLE	13309	NY
21-29-0402	WATKINS, KEITH & SONS	AUGUSTA SOLSVILLE	ORISKANY FALLS	13425	NY
21-29-0403	PALEN, WILLARD	R D 1	BLOSSVALE	13308	NY
21-29-0404	MIEREK, PETER	R D 1 MIEREK HEADQ	WESTERNVILLE	13486	NY
21-29-0419	MARTIN, JON K.	SUMMIT RD.	WATERVILLE	13480	NY
21-29-0422	HALL, DAVID	R D 1	TABERG	13471	NY
21-29-0435	PEAVEY, GEORGE D.	R D 2	MUNNSVILLE	13409	NY
21-29-0438	LANDECKER, GEORGE	R D 1	RENSEN	13438	NY
21-29-0464	PIERSMA, HERMAN H.	CIDER STREET	ORISKANY	13424	NY
21-29-0466	MOSHER, PAUL AND NATHAN	RD 2	VERONA	13478	NY
21-29-0467	GILBERT, JOHN & JACK	R D 1	CLAYVILLE	13322	NY
21-29-0488	ELLIOTT, JAMES	TUCHAN RD.	WESTMORELAND	13490	NY
21-29-0556	JONES BROTHERS	RD 1	RENSEN	13438	NY
21-29-0624	GRENHOLM FARM 2	R D ATT R. COLLINS	BLOSSVALE	13308	NY
21-29-0660	KEMP, LELAND	RD 2	WATERVILLE	13480	NY
21-29-0743	ROBERTS, IDWAL	RD 1	HOLLAND PATENT	13354	NY
21-29-0772	ECKEL, JAMES & AARON	R D 1	BLOSSVALE	13308	NY
21-29-0800	SCHALLENBERG, ROLAND		WESTERNVILLE	13486	NY
21-29-0852	VANDEWALKER, WILLIAM J.	RFD 1	LEE CENTER	13363	NY
21-29-0905	SHOLTZ, FLOYD & SON	R D 2	ONEIDA	13421	NY
21-29-0937	HENDERBERG, WM. & GARY	6536 HENDERBERG RD	ROME	13440	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-30-0010	HORSFORD FARMS	RD 1	MARCELLUS	13108	NY
21-30-0012	HOUCK, RICHARD	RFD 2	MANLIUS	13104	NY
21-30-0023	HILL, ROBERT W.	R D 1	ELBRIDGE	13060	NY
21-30-0031	HUDSON, A. W. AND SONS	MANORCREST FARMS	CAMILLUS	13031	NY
21-30-0033	BETTINGER, ARTHUR	GREEN LAKE ROAD	KIRKVILLE	13082	NY
21-30-0079	VENIER, HENRY	9 SECOND AVE.	BRENTWOOD	11717	NY
21-30-0095	BARDWELL, ROY & ROBERT	R D 1	TULLY	13159	NY
21-30-0154	FRARY, ROBERT	74 WARREN STREET	TULLY	13159	NY
21-30-0189	CRACKYS FARMS	R D 1	FABIUS	13063	NY
21-30-0200	FRAZEE, JAMES	RD 1	FABIUS	13063	NY
21-30-0202	GATES HOMESTEAD FARM	RD 1	CHITTENANGO	13037	NY
21-30-0203	HOUCK, LELAND M.	RFD 2	TULLY	13159	NY
21-30-0303	HARKNESS, JAMES & JERRY	R D 2	MARCELLUS	13108	NY
21-30-0309	JOHNSON, ALBERT	R D 1 KINGDOM ROAD	BALDWINSVILLE	13027	NY
21-30-0348	BENDER, M. PHILLIP	R D 1 KINGDOM ROA	BALDWINSVILLE	13027	NY
21-30-0349	CATES, RAYMOND	OTISCO VALLEY RD	PREBLE	13141	NY
21-30-0358	SILVER SPRING FARMS	4358 BUSSEY ROAD	SYRACUSE	13215	NY
21-30-0362	TWENTYMAN, THOMAS A.	R D 1	TULLY	13159	NY
21-30-0407	CLEVERLEY, JAMES & SONS	AIRY RIDGE FARM	WARNERS	13164	NY
21-30-0532	KNAPP, DONALD & SON	R D 1	FABIUS	13063	NY
21-30-0561	WHEELER, RAYMOND	RD 1	MARIETTA	13110	NY
21-30-0672	EVERINGHAM, ROBERT	GATES RD	LA FAYETTE	13084	NY
21-30-0695	FENLON BROTHERS	RD 1	TULLY	13159	NY
21-30-0821	COWLES, YALE AND SON	R D 1	MARIETTA	13110	NY
21-30-0854	HAYNES FARM	R D 1	TULLY	13159	NY
21-30-0919	AUNGIER, BERNARD		LA FAYETTE	13084	NY
21-30-0960	MAPLE COVE FARM	RD 2	MANLIUS	13104	NY
21-30-0976	GREGO, WILLIAM	R D 4	BALDWINSVILLE	13027	NY
21-30-0977	SOMES, BARTON & GARY HD1	R D 1	MEMPHIS	13112	NY
21-31-0002	BROCKLEBANK, EDWARD	R D 3	CANANDAIGUA	14424	NY
21-31-0019	PAYNE BROTHERS		SHORTSVILLE	14548	NY
21-31-0045	WEIGERT, ROBERT	R D 1 BOX 181	MACEDON	14502	NY
21-31-0049	ROBY, VANCE	R D	IONIA	14475	NY
21-31-0094	SULLIVAN, JAMES	7482 MAIN ST. WEST	HOLCOMB	14469	NY
21-31-0147	OESTREICH, PHILIP	R D 2	CANANDAIGUA	14424	NY
21-31-0192	LINCOLN, JOHN	R D 1	HOLCOMB	14469	NY
21-31-0200	DECOOK, IRVING AND SONS	R D 1 SMITH ROAD	CLIFTON SPRINGS	14432	NY
21-31-0215	WEIGERT, ROBT ROBWEE FM	R D 1	CLIFTON SPRINGS	14432	NY
21-31-0221	VAUTZEY BROTHERS	RD 1	STANLEY	14561	NY
21-31-0239	CLARK, WILLIAM	28 JOHNSON ROAD RD	PALMYRA	14522	NY
21-31-0286	WILEY, FRANK	RFD 1	VICTOR	14564	NY
21-31-0305	BENNETT FMS	R D 2	HOLCOMB	14469	NY
21-31-0394	HAYTON, EDWARD	RD1	STANLEY	14561	NY
21-31-0428	RIDER, IRVIN + SONS	R D 2	HOLCOMB	14469	NY
21-31-0429	FACER, RUSSELL	FACER FARMS RD 1	PHELPS	14532	NY
21-31-0431	THOMPSON, DONALD & WANDA	R D 3 HOPKINS ROA	CANANDAIGUA	14424	NY
21-31-0432	NEDROW, JAMES	R D 2	CLIFTON SPRINGS	14432	NY
21-31-0450	KNOPF, BERNARD	R D 3	CANANDAIGUA	14424	NY
21-31-0460	GIESY, RUSS HD1	RD#1	LYONS	14489	NY
21-31-0461	VANQUEKELBERG, L & SN HD	R D 1	NEWARK	14513	NY
21-31-0601	PECK, ELMER	RD 1	NEWARK	14513	NY
21-31-0621	DURWICK-FARM	RD2 ATT FRED DURKE	CLIFTON SPRINGS	14432	NY
21-31-0661	PRITCHARD BROTHERS	R D 4	CANANDAIGUA	14424	NY
21-31-0693	REED, ALBERT	RD 1	CLIFTON SPRINGS	14432	NY
21-31-0736	DEMAY, MAYNARD & GORDON	RD 1 EMPIRE FARMS	PALMYRA	14522	NY
21-31-0738	INGLIS HOLSTEINS	RD 2	CLIFTON SPRINGS	14432	NY
21-31-0939	CROUCH, GLENN	RD 2	GENEVA	14456	NY
21-32-0031	WISNER FARMS, INC.	R D 1	WARWICK	10990	NY
21-32-0054	COSH, ARTHUR W & GARY W.		UNIONVILLE	10988	NY
21-32-0092	DEMBERG, ERWIN & RICHARD	R D 1	WESTTOWN	10998	NY
21-32-0094	BROWN, LEON	R D 1	WESTTOWN	10998	NY
21-32-0096	ZAPPAVIGNA REGISTERED HD	RT 207	CAMPBELL HALL	10619	NY
21-32-0097	JOHNSON, C. F. AND SON	BOX 277	CHESTER	10918	NY
21-32-0102	SMILEY, WILLIAM	RD 2	MIDDLETOWN	10940	NY
21-32-0124	FOX, ROBERT C.		ROCK TAVERN	12575	NY
21-32-0142	HEEREMA, CORNELIUS	R D 1 BOX 42	WALDEN	12586	NY
21-32-0158	FOREMNY, FRANK	RESERVOIR RD. RD 1	GOSHEN	10924	NY
21-32-0168	GIBBS, ALFRED		JOHNSON	10933	NY
21-32-0174	GLENODEN FARMS		MOUNTAINVILLE	10953	NY
21-32-0180	KOLK, KENNETH S.	R F D 1 BOX 146	GOSHEN	10924	NY
21-32-0181	PENN OCTO FARMS	PENNINGS, JG BOX 5	WARWICK	10990	NY
21-32-0182	BROOKS, VICTOR	R D 2 BOX 212	WARWICK	10990	NY
21-32-0206	HOSKINS, LESTER & SONS	R D 1	MIDDLETOWN	10940	NY
21-32-0220	HANSEN, PETER	BOX 158	JOHNSON	10933	NY
21-32-0226	STAPLETON E. E. & SON		SLATE HILL	10973	NY
21-32-0235	LAIN, M. ARTHUR	RD1	WESTTOWN	10998	NY
21-32-0240	INDIAN ACRES DAIRY FARM	R D 2 NEVERSIRK DR	PORT JERVIS	12771	NY
21-32-0245	WIENINGER, WILLIAM A.	RD 1 BOX 140	GOSHEN	10924	NY
21-32-0454	RAKOWIECKI, CHESTER & SO	R D 1 STATION RD	SALISBURY MILLS	12577	NY
21-32-0512	STEEVES, E. R. JR.	SOUTH ST ROUTE 208	WASHINGTONVILLE	10992	NY
21-32-0538	OBRIEN, JOHN AND DEAN	R D 4	MIDDLETOWN	10940	NY
21-32-0569	C. AND R. FARMS INC.	ROUTE 52 BOX 550	WALDEN	12586	NY
21-32-0695	ELMORE, FLOYD		SLATE HILL	10973	NY
21-32-0707	BRUYN, RAYMOND D.	R 1 BOX 295A	PINE BUSH	12566	NY
21-32-0746	FORD, FRANK O.	R D 1	WESTTOWN	10998	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-32-0812	SEACORD, STANLEY B.	GOODWILL ROAD	MONTGOMERY	12549	NY
21-32-0853	VANDERWEERT, C.	R D	CHESTER	10918	NY
21-32-0957	THORN, JOHN & DON		THOMPSON RIDGE	10985	NY
21-33-0048	HICKS-HOLLOW FARMS	RD 2 HERMAN HICKS	ALBION	14411	NY
21-33-0117	ALBEN ACRES	PINE HILL ROAD	ALBION	14411	NY
21-33-0120	KIMMELWOOD FARM	3672 DRAKE ST. R D	OAKFIELD	14125	NY
21-33-0123	BENNETT, DOUGLAS HOI	1016 POINT BREEZE	KENT	14477	NY
21-33-0128	JOHNSON, WALTER HO.1	16075 POWER LINE R	HOLLEY	14470	NY
21-33-0149	RUHLEN, MAURICE	R D 1	ELBA	14058	NY
21-33-0517	MAXON FARMS	HINDS ROAD	HOLLEY	14470	NY
21-34-0074	SUMMERVILLE, W. H. & SON	R F D 1	FULTON	13069	NY
21-34-0095	DON HAVEN FARMS	R 5	FULTON	13069	NY
21-34-0105	BARCLAY, DOROTHY M.	DOUGLASTON MANOR F	PULASKI	13142	NY
21-34-0111	AMES, WALTER JR.	ROUTE 2	CENTRAL SQUARE	13036	NY
21-34-0121	DELONG, CHARLES E.	R D	MEXICO	13114	NY
21-34-0123	DRAKE, PHIL FARM 2	R D 1	RICHLAND	13144	NY
21-34-0155	GEER, DAVID & SON	R D 2	FULTON	13069	NY
21-34-0156	MURPHY, ROBERT FARM 1	TOWLINE RD.	CENTRAL SQUARE	13036	NY
21-34-0216	MINOT, MARSHALL	R D 3	PULASKI	13142	NY
21-34-0376	CHESBRO, MARTIN		PENNELLVILLE	13036	NY
21-34-0475	ROWE, ROLLO AND CHARLES	BOX 318 R D 1	CENTRAL SQUARE	13036	NY
21-34-0531	BISHOP, VICTOR J.		PENNELLVILLE	13132	NY
21-34-0555	DEMASSEY, SAMUEL	BOX	WILLIAMSTOWN	13493	NY
21-34-0665	OJA, ARTHUR AND DONALD	R D 1	PENNELLVILLE	13132	NY
21-34-0749	TRIANGLE FARMS	R D 1	FULTON	13069	NY
21-34-0878	KENOTHY FARMS	BELL ROAD	PENNIVILLE	13132	NY
21-34-0879	BURDICK, CHARLES	R D 3	MEXICO	13114	NY
21-34-0884	KARBOSKI, FRANK		PARISH	13131	NY
21-35-0019	CEROSALETTI, CHARLES	RD 2	ONEONTA	13820	NY
21-35-0025	YOUNG, WILLIAM	RD 1	MORRIS	13808	NY
21-35-0029	FASSETT, K. AND M.		EAST SPRINGFIELD	13333	NY
21-35-0040	WILLSEY, ALAN		SPRINGFIELD CENTE	13468	NY
21-35-0043	DENT, JOSEPH & IRWIN	R D 2	ONEONTA	13820	NY
21-35-0050	HUNTINGTON, LS & SONS IN		WESTFORD	13488	NY
21-35-0062	NIC - MAR FARM	RD 1	LAURENS	13796	NY
21-35-0067	KEENELAND FARMS		GILBERTSVILLE	13776	NY
21-35-0072	MCCLINTOCK, WALTER	CENTURY LAND R D 3	WORCESTER	12197	NY
21-35-0079	IGEL, FRED & SON	R D 2	WEST WINFIELD	13491	NY
21-35-0102	SMITH, VAN B. & SON	R D 1	OTEGO	13825	NY
21-35-0126	LANE, RAYMOND	R D 1	CHERRY VALLEY	13320	NY
21-35-0135	GOLJA, FRED	RD 1	WORCESTER	12197	NY
21-35-0143	HIGGINS, R. AND SON	RFD 1	BURLINGTON FLATS	13315	NY
21-35-0155	GRAHAM, CLAUDE J.	R D 2	CHERRY VALLEY	13320	NY
21-35-0158	SCOTSGLEN FARMS	R.D. 2	WEST WINFIELD	13491	NY
21-35-0161	HUNTINGTON, LS & SONS IN	R F D 3 FARM 3	COOPERSTOWN	13326	NY
21-35-0198	KUBIS, FRANCIS E.		COOPERSTOWN	13326	NY
21-35-0222	LEONARD, JOHN JR.	STAR ROUTE	CHERRY VALLEY	13320	NY
21-35-0239	VANVRANKEN, ABRAH	R D 1	OTEGO	13825	NY
21-35-0246	CARNRIKE, RAYMOND	R D 2	EDMESTON	13335	NY
21-35-0248	GATES, JAMES	R D 2	WEST WINFIELD	13491	NY
21-35-0263	KERSMANC, J. AND T.	R D 2	WORCESTER	12197	NY
21-35-0301	BERGGREN & JOHNSON	R D 1	SCHENEVUS	12155	NY
21-35-0305	DONI-DELL FARM	R D 2	SCHENEVUS	12155	NY
21-35-0307	SEEFELD FARMS	R D 1	MORRIS	13808	NY
21-35-0311	HAYES & WILHOT	R D 1	CHERRY VALLEY	13320	NY
21-35-0320	LUDEMAN, W. J. & N. M.	R D 2	WEST WINFIELD	13491	NY
21-35-0323	HILL, ROBERT	R D 1	SOUTH NEW BERLIN	13843	NY
21-35-0357	MARTIN, LESTER W.	MILFORD MEADOWS FM	MILFORD	13807	NY
21-35-0369	ALLEY, WM.	R D 1	MORRIS	13808	NY
21-35-0381	MAYNE, HERBERT F.	STAR ROUTE	BURLINGTON FLATS	13315	NY
21-35-0385	ZOLLER, ROLLIN	R D 2	WEST WINFIELD	13491	NY
21-35-0386	LINCOLN, ROBERT M.	R D 1	MARYLAND	12116	NY
21-35-0388	HUNTINGTON, L S & SONSIN	R D 3 FARM 2	COOPERSTOWN	13326	NY
21-35-0398	BOTTKE, EDMUND A.	R D 1	COOPERSTOWN	13326	NY
21-35-0407	CASLER, HOMER		WEST EXETER	13487	NY
21-35-0426	FITELSON, DAVIDGERIN HD1	ROUTE 51 BOX 61	WEST BURLINGTON	13482	NY
21-35-0427	WALRATH, R. Y.		EAST SPRINGFIELD	13333	NY
21-35-0439	BALCOM, WILLIAM	R F D 2	MOUNT VISION	13810	NY
21-35-0450	COPE, LEWIS AND SON	STAR ROUTE	EAST SPRINGFIELD	13333	NY
21-35-0458	STEVLEN FARMS	R D 3	COOPERSTOWN	13326	NY
21-35-0464	OTSEGO HILLS FARM	R D 1 E. L. KELLOW	COOPERSTOWN	13326	NY
21-35-0465	BRUNNER, CLIFFORD	R D 3	COOPERSTOWN	13326	NY
21-35-0466	JOHNSON, LEO L. JR. & SO	R F D 1	WEST EDMESTON	13485	NY
21-35-0489	BOWEN BROTHERS	R D 1	BURLINGTON FLATS	13315	NY
21-35-0507	GREEN FRANK & WARD	OAK HILL FARM RD1	SCHENEVUS	12155	NY
21-35-0512	WINDSONG FARM	R D 2	UNADILLA	13849	NY
21-35-0518	BARNES, SANFORD J. + SON	RD 1	COOPERSTOWN	13326	NY
21-35-0525	NILES, JOHN	BOX 48	WEST EDMESTON	13484	NY
21-35-0574	FITELSON, DAVIDGERIN HD2	ROUTE 51 BOX 61	WEST BURLINTON	13482	NY
21-35-0582	FASSETT, IVAN & GARY		SPRINGFIELD CENTE	13468	NY
21-35-0584	FRANK BERLEN FM- F.MURRA	R D 1	EDMESTON	13335	NY
21-35-0612	HICKLING, DONALD D.	R D 2	EDMESTON	13335	NY
21-35-0643	BIBIK, BEN	R D 3	RICHFIELD SPRINGS	13439	NY
21-35-0677	SCRANLIN, LOUIS	RD 1	CHERRY VALLEY	13320	NY
21-35-0683	RATHBUN, RICHARD	R D 1	COOPERSTOWN	13326	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-35-0746	ROBERTSON, JAMES		SPRINGFIELD CENTE	13468	NY
21-35-0882	HANSEN, RICHARD	R D	CHERRY VALLEY	13320	NY
21-35-0911	DYE, CHARLES	DYE-SHIRE FARM	GARRATTSVILLE	13342	NY
21-35-0915	COUTLEE, DOUG	NELCO FARMS	GARRATTSVILLE	13342	NY
21-35-0964	PARKER, LYSLE M.		EDMESTON	13335	NY
21-37-0004	WAGNER, ROBERT	R D 5 BOX 108	TROY	12180	NY
21-37-0007	HERRINGTON, ROBERT R.	R D 1	SCHAGHTICOKE	12154	NY
21-37-0008	FRENCH, HILLIS & DALE	R D 2	MELROSE	12121	NY
21-37-0064	SLINGERLAND, HAROLD	R D 1	JOHNSONVILLE	12094	NY
21-37-0084	HOAG, JOHN & TERRY	R F D 2	HOOSICK FALLS	12090	NY
21-37-0095	CIPPERLY, FRANK	R D 1	HOOSICK FALLS	12090	NY
21-37-0096	DOTHEDALE FARM	RD2 HENRY C REQUAT	VALLEY FALLS	12185	NY
21-37-0106	CARLSON, ROBERT HD 1	R D 2	SCHAGHTICOKE	12154	NY
21-37-0112	SPEANBURG, GEORGE	R D 1	JOHNSONVILLE	12094	NY
21-37-0134	BREESE, ROBERT	R D 2	HOOSICK FALLS	12090	NY
21-37-0139	MCMAHON, JOHN F.	R D 2	PETERSBURG	12138	NY
21-37-0168	CARLSON, ROBERT HD 2	R D 2	SCHAGHTICOKE	12154	NY
21-37-0206	MOSELEY, ROGER N.	R D 1	BUSKIRK	12028	NY
21-37-0320	CALHOUN, J. E. AND SONS		HOOSICK FALLS	12090	NY
21-37-0381	WEIR, ROBERT	R D 2	SCHAGHTICOKE	12154	NY
21-37-0538	HARBOT, ALEXANDER & SONS		BUSKIRK	12028	NY
21-37-0558	OTTMAN, ROY E.	R D 4	TROY	12180	NY
21-37-0609	WILEY, NEWTON & PAUL HD	RD 2	JOHNSONVILLE	12094	NY
21-37-0752	CARY, G. LUCIUS	RD 2	SCHAGHTICOKE	12154	NY
21-37-0960	BELL, JOE	R D 1	VALLEY FALLS	12185	NY
21-39-0003	STAMMER, DONALD	R 5	GOUVERNEUR	13642	NY
21-39-0026	TRACY, LLOYD & ROBERT		MADRID	13660	NY
21-39-0113	BURDICK, CLAUDE	ROUTE 1	NORWOOD	13668	NY
21-39-0118	BYRNS, RICHARD	ROUTE 5	GOUVERNEUR	13642	NY
21-39-0232	MILLARD, W. PHILIP	ROUTE 4	GOUVERNEUR	13642	NY
21-39-0258	LAVACK FRED & FAMILY	ROUTE 5	GOUVERNEUR	13642	NY
21-39-0261	MCRAE, ARDEN	R 1	GOUVERNEUR	13642	NY
21-39-0278	TESSMER, MAX	CHUB LAKE RD	GOUVERNEUR	13642	NY
21-39-0279	CHASE, EDWARD	ROUTE 2 ELM HAVEN	MASSENA	13662	NY
21-39-0288	WHITMORE, MERRILL	RD 1	CANTON	13617	NY
21-39-0319	MASTERS, WILLIAM	R 2	HEUVELTON	13654	NY
21-39-0406	BELL, JOHN	RD 5 MATOO POND FM	GOUVERNEUR	13642	NY
21-39-0416	COOK, SCOTT HD 2	R D 4	POTSDAM	13676	NY
21-39-0438	TYLER, KEITH	RD1 BUTTERNUT RIDG	GOUVERNEUR	13642	NY
21-39-0527	NOBLE, ORRIN W.	RD 4	CANTON	13617	NY
21-39-0529	WESTON, KENNETH AND SON	R D 1	POTSDAM	13676	NY
21-39-0575	DRUMMOND, NORMAN	RFD 2	HEUVELTON	13654	NY
21-39-0618	BURLEY, T. MILTON	R.D. 1	OGDENSBURG	13669	NY
21-39-0672	BARTHOLOMEW, L. J.	GRASSYLAND STOCK F	MADRID	13660	NY
21-39-0678	RANDALL, A. W. AND SON		GOUVERNEUR	13642	NY
21-39-0703	DUFRESNE, ARTHUR L. JR.	ROUTE 2	MADRID	13660	NY
21-39-0922	SIPHER, ERTON & DAVID HD	ROUTE 1	GOUVERNEUR	13642	NY
21-39-0996	STACY, D. THERON	MAPLE DRIVE FM RD1	CANTON	13617	NY
21-40-0014	DONNAN, JAMES R.	RFD 1	GALWAY	12074	NY
21-40-0023	PECK, FREDERICK J.	RD 1	SCHUYLERVILLE	12871	NY
21-40-0024	MOSHER, ERWIN D.	R D 5 EAST HIGH ST	BALLSTON SPA	12020	NY
21-40-0040	CURTISS, W. S. AND SON	R D 2	BALLSTON SPA	12020	NY
21-40-0047	ARMER, HILEY	R D 1	BALLSTON SPA	12020	NY
21-40-0050	ARNOLD, RUSSELL	RD 3	AMSTERDAM	12010	NY
21-40-0073	DRUMMLAND FARM	R D 1	SCHUYLERVILLE	12871	NY
21-40-0087	PECK, JOSEPH	R D 1	SARATOGA SPRINGS	12866	NY
21-40-0115	SUGAR HILL FARM 1	R F D 1	REXFORD	12148	NY
21-40-0125	NELSON BROTHERS	R F D 3	AMSTERDAM	12010	NY
21-40-0140	PECK, WILLIAM HERD 2	BOX 143	SCHUYLERVILLE	12871	NY
21-40-0141	EVERTS, ROY	RD 1 COVELAND FARM	SCHUYLERVILLE	12871	NY
21-40-0585	DONNAN, HUME		GALWAY	12074	NY
21-40-0768	GARRISON, EARL AND SONS	R D 1	BALLSTON SPA.	12020	NY
21-40-0981	PECK, G. HAROLD	BOX 90	SCHUYLERVILLE	12871	NY
21-40-0982	PECK, WILLIAM HERD 1	BOX 143	SCHUYLERVILLE	12871	NY
21-42-0015	TOWNSEND, WILLIAM S.	R D 2	COBLESKILL	12043	NY
21-42-0022	FRANCE, ARLTON		SEWARD	12199	NY
21-42-0027	N.Y.S. AGR.&TECH. INST.	ATT W. J. CLARK	COBLESKILL	12043	NY
21-42-0033	CROSBY, HOWARD	R D 1	SPRAKERS	12166	NY
21-42-0066	LIDDLE, WARREN	BALLYMINE FARM	DELANSON	12053	NY
21-42-0114	TILLAPYKE FARM		CARLISLE	12031	NY
21-42-0132	BECKER, ROGER FM 1		COBLESKILL	12043	NY
21-42-0137	SCHULTZ BROTHERS	R F D 2	SCHOHARIE	12157	NY
21-42-0151	N.Y.S. AGR.&TECH. INST.	ATT W. J. CLARK	COBLESKILL	12043	NY
21-42-0155	PALMER, C. AND SON	R D 2	COBLESKILL	12043	NY
21-42-0160	KOSKA, PETER N.	KOSKA DALE FARMS	MIDDLEBURG	12122	NY
21-42-0162	NISSEN, ARNE	R D 1	COBLESKILL	12043	NY
21-42-0172	VERNIK, THADDEUS	BOX 234	SHARON SPRINGS	13459	NY
21-42-0187	HOLMES, J. M.	BOX 616	COBLESKILL	12043	NY
21-42-0221	LYNK, WILLARD	R D 1	SHARON SPRINGS	13459	NY
21-42-0269	BUCK, CHARLES N.		JEFFERSON	12093	NY
21-42-0271	DEWITT, DAYTON	DAY-BARB MEADOWS	GILBOA	12076	NY
21-42-0292	MACE, STEWART G.	R D 1	GILBOA	12076	NY
21-42-0310	VAN ALLER, LARRY		MIDDLEBURGH	12122	NY
21-42-0345	MERCHANT, ROBERT L.	R D 1	HOWES CAVE	12092	NY
21-42-0348	NOTTER, WILLIAM	R D 1	COBLESKILL	12043	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-42-0353	WITT, HENRY	MIDDLE FORT FARM	MIDDLEBURG	12122	NY
21-42-0394	BARBER, J. ROGER FM 2	EMBAR FARMS	MIDDLEBURGH	12122	NY
21-42-0398	WILSON, GEORGE B.	R D	STAMFORD	12167	NY
21-42-0404	SMIGEL, JOHN		RENSSELAERVILLE	12147	NY
21-42-0410	PINEGROVE FM1 WM ROCKWEL	BOX 31	DUANESBURG	12056	NY
21-42-0429	MACFADDEN, JAMES		SHARON SPRINGS	13459	NY
21-42-0451	KLEINBERGER, PAUL	R D 2	SHARON SPRINGS	13459	NY
21-42-0469	PINEGROVE FM2 WM ROCKWEL	BOX 31	DUANESBURG	12056	NY
21-42-0471	CUMMINGS, ROBERT	BOX 32	SHARON SPRINGS	13459	NY
21-42-0492	NAHRWOLD, ARTHUR FM 1	VALHALA FARM	MIDDLEBURG	12122	NY
21-42-0493	HERENESS, GERALD	R D 1	COBLESKILL	12043	NY
21-42-0508	DANFORTH, GEORGE		JEFFERSON	12093	NY
21-42-0711	BARBER, J. ROGER FM 1	EMBAR FARMS	MIDDLEBURGH	12122	NY
21-42-0720	STANTON, KENNETH HD1	R D	SPRAKERS	12166	NY
21-42-0751	SCHUYLER, P. AND SON	RD 1	COBLESKILL	12043	NY
21-42-0806	JOHNSON, BYRON	R D	LAWYERSVILLE	12113	NY
21-42-0852	GUERNSEY, LOREN J.	R.D. 1	SCHOHARIE	12157	NY
21-43-0003	DELL, JOSEPH C. JR.	R D 1	TRUMANSBURG	14886	NY
21-43-0042	ROGERS, J. L.	RD 1	ALPINE	14805	NY
21-43-0099	BARBER, PAUL JR.	R D 2	DUNDEE	14837	NY
21-43-0287	BURR, CHARLES E. HD 1	RD 2	TRUMANSBURG	14886	NY
21-43-0483	SENELAKECA FARMS	ATT. DANIEL J HURP	HECTOR	14841	NY
21-43-0773	GANUNG, ROGER W.	R F D 2	MONTOUR FALLS	14865	NY
21-44-0015	MCCOY, ALAN & DAWN	R D 2	INTERLAKEN	14847	NY
21-44-0033	WENOKA FARMS	R D 2	ROMULUS	14541	NY
21-44-0036	DIAMOND, SEYMOUR	R D 2	OVID	14521	NY
21-44-0038	STENGLE, CHARLES	R F D	LODI	14860	NY
21-44-0048	SHUSTER, PETER C.	R D 1	SENECA FALLS	13148	NY
21-44-0056	DAN-AL FARMS	R F D 2 BOX 120	SENECA FALLS	13148	NY
21-44-0066	STAHL, BRUCE W.	RD 2 BOX 132	SENECA FALLS	13148	NY
21-44-0080	DUBLINAIRE FARM	RFD 3 BOX 84	WATERLOO	13165	NY
21-44-0143	LAWARA FARMS		INTERLAKEN	14847	NY
21-44-0177	KIME, ROBERT & EDWARD	R F D 3 BOX 379	GENEVA	14456	NY
21-44-0178	MYER, LECONTE		OVID	14521	NY
21-44-0576	ERWINDALE FARMS	RD 3	WATERLOO	13165	NY
21-45-0002	ROUNDS AND LEWIS	RD 1	PAINTED POST	14870	NY
21-45-0009	BLUE GILL FM. L. WEAVER	R D 2	BATH	14810	NY
21-45-0014	CHO, WALTER	R D 1	ARKPORT	14807	NY
21-45-0031	KUHL, ARTHUR	RD 2	LAWRENCEVILLE	16929	PA
21-45-0048	KNOWLES, OWEN	RD 1	TROUPSBURG	14885	NY
21-45-0049	ATHERTON, WILLIAM AND SO	R D 1	GREENWOOD	14839	NY
21-45-0069	MEEHAN, FRANCIS	R D 1	REXVILLE	14877	NY
21-45-0078	ACOMBVIEW FARMS	SCOTT F. ACOMB RD2	DANSVILLE	14437	NY
21-45-0141	SEELEY, WILLIAM	R D 2	CAMPBELL	14821	NY
21-45-0142	BREWER, MAYNARD	R D 1 BOX 17	WOODHULL	14898	NY
21-45-0150	IRVINE, ROBERT JR.	R D 1	JASPER	14855	NY
21-45-0170	SCHENCK, LUMAN	R D 1	GREENWOOD	14839	NY
21-45-0171	PLAISTED, HERTON	R D 1	HAMMONDSPORT	14840	NY
21-45-0199	LANDCREST FARMS	R D 2	CANISTEO	14823	NY
21-45-0238	WARRINER, WAYNE AND SONS	R D 1	GREENWOOD	14839	NY
21-45-0288	BUTTON, CHARLES A. & SON	BOX 29	JASPER	14855	NY
21-45-0336	FOSTER, GRANT	R D 1	GREENWOOD	14839	NY
21-45-0371	MARKIEWICZ, CHARLES	R D 2	CORNING	14830	NY
21-45-0392	VAN SKIVER, EDGAR	R D 1	JASPER	14855	NY
21-45-0410	WOODWORTH, ROSS	R D 1	CANISTEO	14823	NY
21-45-0452	SCHWINGLE BROTHERS		ATLANTA	14808	NY
21-45-0521	WHEATON, DUDLEY		COHOCTON	14826	NY
21-45-0607	LYONS, THOMAS	R D 1	ADDISON	14801	NY
21-45-0621	BEACH, THOMAS JR.	R D 2	ARKPORT	14807	NY
21-45-0736	FOSTER, FRANCIS & CARL	R D 2	BATH	14810	NY
21-45-0740	FISK, LEWIS	R D 1	TROUPSBURG	14885	NY
21-45-0742	FLANAGAN BROTHERS	R D 1	HORNELL	14843	NY
21-45-0772	BOSSARD, WILLIAM	R D 1	HORNELL	14843	NY
21-45-0777	LEWIS, FRED	R D 1	PRATTSBURG	14873	NY
21-45-0888	HARKENRIDER, PAUL J.	R D 1	REXVILLE	14877	NY
21-45-0894	S. O. S. FARMS, INC. 1	RD 2	ARKPORT	14807	NY
21-45-0987	HOLLENBECK, LEONARD	R D 1	GREENWOOD	14839	NY
21-47-0015	ACKERLEY FARMS	BOX 173	GRAHAMSVILLE	12740	NY
21-47-0016	BROWN FARMS		JEFFERSONVILLE	12748	NY
21-47-0026	KELLER, CALVIN		CALLICOON CENTER	12724	NY
21-47-0043	BONNELL, ROSS	R D 1	GRAHAMSVILLE	12740	NY
21-47-0085	CARR, DEWEY HERD 2	R D 1	FERNDALE	12734	NY
21-47-0330	CARR DEWEY HERD 1	RD 1	FERNDALE	12734	NY
21-48-0020	STRONG, ROBERT	R D 1	BARTON	13734	NY
21-48-0026	PICKERT, BRADLEY	R D 1	BERKSHIRE	13736	NY
21-48-0040	ALVE,EINO & RAUTINE,ARVO	RD 1	SPENCER	14883	NY
21-48-0049	HOGG,S DAIRY BAR HD1	OLD OWEGO RD, BOX1	APALACHIN	13732	NY
21-48-0060	STRONG, JEAN	STAR ROUTE 2	OWEGO	13827	NY
21-48-0081	HOLLENBECK BROS	RD 1	CANDOR	13743	NY
21-48-0097	THOLEN, CARL	493 CATATONK HILL	CANDOR	13743	NY
21-48-0116	LAWTON, MERLE FM 1	RD 2	NEWARK VALLEY	13811	NY
21-48-0121	ZIMMER, DONALD AND SON	RD 1	NEWARK VALLEY	13811	NY
21-48-0131	HYATT, JOHN	STAR ROUTE 1	OWEGO	13827	NY
21-48-0136	NEEDHAM, WILLIAM D.	R D 2 BOX 240	NEWARK VALLEY	13811	NY
21-48-0182	SIMKIN, ALLEN H.	RD 1	NICHOLS	13812	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-48-0200	BOSTWICK BROTHERS	STAR ROUTE 3	OWEGO	13827	NY
21-48-0205	WHITCOMB, JOHN	R D 1	BARTON	13734	NY
21-48-0213	KLOSSNER, WALTER	R D 1	BERKSHIRE	13736	NY
21-48-0229	BREWER, CHARLES	RFD 2	CANDOR	13743	NY
21-48-0243	MEHLING, JOHN A.	R D 1	VAN ETTEN	14889	NY
21-48-0249	SWARTWOOD, HOWARD	R D 1	BARTON	13734	NY
21-48-0251	CARLSEN, HARRY E.	R D 1	SPENCER	14883	NY
21-48-0262	STRONG, WILLIAM	R D 2 BOX 347	OWEGO	13827	NY
21-48-0344	ROBINSON, J. RIKER	R. D. 1	OWEGO	13827	NY
21-48-0441	MOORE FARMS	ATT ROBERT MOORE R	NICHOLS	13812	NY
21-48-0583	LYON BROS.	RD 2	CANDOR	13743	NY
21-49-0004	WRIGHT, LYNN		DRYDEN	13053	NY
21-49-0005	STEWART, ORLEY	R D 3	CORTLAND	13045	NY
21-49-0046	STUTTLE, LEWIS	R D 1 LEW LIN FARM	DRYDEN	13053	NY
21-49-0054	WHATMAN, DONALD	RD 2	GROTON	13073	NY
21-49-0055	AUGUSTSSON, KARL	R D 3	TRUMANSBURG	14886	NY
21-49-0089	HATFIELD, CHARLES M.	R F D 2	FREEVILLE	13068	NY
21-49-0124	HAYNARD, ROBERT	R D 1	BERKSHIRE	13736	NY
21-49-0148	ALDRICH, LEON E.	R D 3	ITHACA	14850	NY
21-49-0156	NEDROW BROTHERS	R D 1	LUDLOWVILLE	14862	NY
21-49-0185	GRIFFEN, D.&H. DARANDOUF	402 HALSEYVILLEROR	TRUMANSBURG	14886	NY
21-49-0188	DEDRICK, PAUL HO 1	R D 1	GROTON	13073	NY
21-49-0195	TEACHING & RESEARCH CTR.	ANIMAL SCIENCE DEP	ITHACA	14850	NY
21-49-0208	SCHUTT, JEROME	210 SCHUTT RD.	DRYDEN	13053	NY
21-49-0226	KEECH, L.+DEHART, D. FH	R D 1	DRYDEN	13053	NY
21-49-0231	PARSONS, DOUGLAS	RD2	INTERLAKEN	14847	NY
21-49-0242	SWARTWOOD, HOWARD	R D 1	SPENCER	14883	NY
21-49-0288	HICKS, JOHN	R D 1	ITHACA	14850	NY
21-49-0298	SALTSMAN, FRED	ROUTE 2	CORTLAND	13045	NY
21-49-0452	TEACHING & RESEARCH CTR.	ANIMAL SCIENCE DEP	ITHACA	14850	NY
21-49-0547	DEDRICK FARM 1	11 MOTT ROAD R D	DRYDEN	13053	NY
21-49-0572	BENSON, CLARENCE	295 LANSINGVILLE R	LANSING	14882	NY
21-49-0589	DORN, HUBERT	1380 CODDINGTON RD	BROOKTONDALE	14817	NY
21-49-0770	ROMEO, JOE AND SONS	R F D 1	DRYDEN	13053	NY
21-49-0973	MARQUIS, KERMIT	R F D 2	FREEVILLE	13068	NY
21-50-0016	CODDINGTON, FRANK		STONE RIDGE	12484	NY
21-50-0038	BARDIN, LOUIS	RD 1	PINE BUSH	12566	NY
21-50-0053	GARRISON, ROBERT		WALLKILL	12589	NY
21-50-0060	SHAFER, KENNETH E.	ALBANY PST RD BOX5	NEW PALTZ	12561	NY
21-50-0146	KELDER, S. ROBERT		STONE RIDGE	12484	NY
21-50-0530	DAVIS, PHILIP	R D	KERHONKSON	12446	NY
21-50-0650	MAIER, ARTHUR	R D 3	WALLKILL	12589	NY
21-50-0689	CATSKILL REFORMATORY	RT209 ATT M MISNER	KERHONKSON	12446	NY
21-50-0840	BO-BRO-DA FARM D. BOICE	BOICES LANE	KINGSTON	12401	NY
21-50-0843	GREENSTREAM STOCK FARM		WALLKILL	12589	NY
21-50-0995	VANAKEN, RALPH & ALBERT	BOX 128	STONE RIDGE	12484	NY
21-52-0002	TAMARACK FARMS-E. LIDDEL	RD 1	GREENWICH	12834	NY
21-52-0011	P. A. R. GRANDVIEW	R D 1	GRANVILLE	12832	NY
21-52-0032	WILFARMS INC.	R D 2	SALEM	12865	NY
21-52-0034	LEBARRON, IRVIN	RD 2	ARGYLE	12809	NY
21-52-0053	GILLIS, ADDISON	RD 2	ARGYLE	12809	NY
21-52-0063	LUNCREST FARMS	RD 2	GRANVILLE	12832	NY
21-52-0065	SKELLIE, WARREN J.	STAR ROUTE	EAST GREENWICH	12826	NY
21-52-0071	HOY, CECIL	RD 1	SCHAGHTICOKE	12154	NY
21-52-0091	MEARS, WILLIAM H.	R D 1	FORT EDWARD	12828	NY
21-52-0105	GILLIS, BURTON C.	RD 3	GREENWICH	12834	NY
21-52-0111	SCHOEN, GERHARD	R D 2	BUSKIRK	12028	NY
21-52-0113	WHITNEY, KENDRICK & SON		FORT ANN	12827	NY
21-52-0127	STORY, CLARK AND MYRON	R D 2	FORT ANN	12827	NY
21-52-0139	NYMPH, ERNEST A & SON HD	R D 1	GREENWICH	12834	NY
21-52-0140	ROBBINS AND BROMLEY FH	BOX 65	WEST PANLETT	05775	VT
21-52-0154	BAIN, DAVID K. AND SONS	R D	ARGYLE	12809	NY
21-52-0155	LANE END FARM	R D 2	ARGYLE	12809	NY
21-52-0162	FILLMORE, EDWIN AND SON	R D 1	BUSKIRK	12028	NY
21-52-0167	REYNOLDS, HERRITT & SNS	R D 2	ARGYLE	12809	NY
21-52-0184	PROUTY, PAUL D.	BROOKDELL FARM	FORT ANN	12827	NY
21-52-0185	STEWART, CLIFFORD	RD 3	GREENWICH	12834	NY
21-52-0234	GOODMAN, N. CHESTER	R D 1	FORT ANN	12827	NY
21-52-0235	MC NEIL, LAURENCE	R D 2	ARGYLE	12809	NY
21-52-0241	SEACORD, ROGER HERD 2	R D	GREENWICH	12834	NY
21-52-0254	MACS CLAN	BUNKERHILL ROAD	SALEM	12865	NY
21-52-0287	WHITTEMORE, HERRILL	R D 2	ARGYLE	12809	NY
21-52-0310	WILBURHOLM FARM-2	R.D. 1	GREENWICH	12834	NY
21-52-0327	ROBERTSON, JOHN & SON		EAST GREENWICH	12826	NY
21-52-0338	SKELLIE, RICHARD	BOX 40	EAST GREENWICH	12826	NY
21-52-0353	WILLIAMS, JON D.	R D 2	ARGYLE	12809	NY
21-52-0362	PULVER, DAVID A.	R D 1 VALLEYVIEW F	FORT EDWARD	12828	NY
21-52-0379	WILBURHOLM FARM #1	RD 1	GREENWICH	12834	NY
21-52-0385	ZIEHM, GEORGE & SON		BUSKIRK	12028	NY
21-52-0427	METTAWEE FARM - F.T.HYDE	R D 1	WHITEHALL	12887	NY
21-52-0431	LANE, GEORGE & SONS	R F D	WHITEHALL	12887	NY
21-52-0577	ALLEN, NORMAN		SCHAGHTICOKE	12154	NY
21-52-0628	HITCHCOCK, NORMAN FH 1	KINGSBURG ROAD	HUDSON FALLS	12839	NY
21-52-0637	MAPLE SLOPE FARM	R D 2	ARGYLE	12809	NY
21-52-0649	JOHNSON, RAYMOND E.		SCHAGHTICOKE	12154	NY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
21-52-0690	REAFIELD FARMS	R D 1	CAMBRIDGE	12816	NY
21-52-0802	SKIFF FARMS INC.	R D 3	GREENWICH	12834	NY
21-52-0880	HANKS, DONALD	STAR ROUTE	SALEM	12865	NY
21-53-0017	TAYLOR, JOHN W.	24 BOTCHER ROAD	NEWARK	14513	NY
21-53-0055	REYNOLDS, WALLACE H.	R D 2	MARION	14505	NY
21-53-0061	AIRY, JAMES H. AIRY ACRE	604 WIEDRICK ROAD	WALWORTH	14568	NY
21-53-0067	EATON, KENNETH J.	870 KENYON ROAD	WILLIAMSON	14589	NY
21-53-0100	PLACE, ROBERT R.	R D 2	ONTARIO	14519	NY
21-53-0146	YOUNGMAN, ARTHUR	RFD	WOLCOTT	14590	NY
21-53-0160	GREEN DAIRY FARMS INC.		WOLCOTT	14590	NY
21-53-0166	BELTAVERN FARM 1	R D 2 BOX 109	WATERLOO	13165	NY
21-53-0168	MEANS-RIDGESTEAD FARM	EDDY RIDGE ROAD	MARION	14505	NY
21-53-0180	SHATTUCK, ROGER & FAMILY	HIRALLE-HILL-FMBX1	SAVANNAH	13146	NY
21-53-0198	KOEBERLE, E. W. AND SONS	26 GARNSEY ROAD	PALMYRA	14522	NY
21-53-0207	LAKE, SHERMAN FM 1	RD 1	LYONS	14489	NY
21-53-0263	LAKE, SHERMAN FM 2	RD 1	LYONS	14489	NY
21-53-0274	BUISCH FARMS INC.	R D 1	LYONS	14489	NY
21-53-0297	LANNON, LEE	RD1 WEST PEARL ST	NEWARK	14513	NY
21-53-0304	FERLAND, RICHARD A.	PO BOX 26	NEWARK	14513	NY
21-53-0542	DARRON, LEIGH AND SON	R D 1	WALWORTH	14568	NY
21-53-0780	ALBERDING, DERWIN & SON		RED CREEK	13143	NY
21-55-0004	NEVINGER, RUSSELL	R F D	WARSAW	14569	NY
21-55-0009	VOORHEES, FLOYD	R D 1	SILVER SPRINGS	14550	NY
21-55-0011	AGEN, WILLIAM	R D 2	ARCADE	14009	NY
21-55-0013	FARLEY, FRED AND SON	R F D	PERRY	14530	NY
21-55-0014	COLLINS, DONALD	COLLINS CREST FARM	PERRY	14530	NY
21-55-0016	MEEDER, WILLIAM	R D 3	WARSAW	14569	NY
21-55-0020	SPRENGER, EDWARD	R F D	WARSAW	14569	NY
21-55-0041	MAXON BROTHERS	R D	ATTICA	14011	NY
21-55-0051	CONABLE, JOHN	BOX 31	WARSAW	14569	NY
21-55-0066	QUIET SHADES FARM	CHAFFEE ROAD	ARCADE	14009	NY
21-55-0122	TITUS BROTHERS	R D 1	WYOMING	14591	NY
21-55-0145	FUGLE, GEORGE	R D 2	ATTICA	14011	NY
21-55-0171	RICHARDS, GORDON & JAMES	R F D	SILVER SPRINGS	14550	NY
21-55-0266	ZIEGLER, JOSEPH	R D 1	ARCADE	14009	NY
21-55-0278	WHEELER, HERBERT		PERRY	14530	NY
21-55-0322	BERKEMEIER, H. C. & SONS	10825 EAST ROAD	PAVILION	14525	NY
21-55-0340	WINCH, RICHARD	R D 1	ARCADE	14009	NY
21-55-0352	WINTER FARMS	R D 3	PERRY	14530	NY
21-55-0354	KELLY, RICHARD	R D 2	PERRY	14530	NY
21-55-0359	CHAMBERLAIN, PAUL	R D 1	WYOMING	14591	NY
21-55-0454	CHAMBERLAIN, RAY & DAVID	RD1 HI LAND FARM	WYOMING	14591	NY
21-55-0473	DEGROFF, HERBERT	R F D	PERRY	14530	NY
21-55-0477	HAMILTON, BRUCE	CREEK ROAD	BLISS	14024	NY
21-55-0499	RANDALL, NORMAN	R D	SILVER SPRINGS	14550	NY
21-55-0501	JACOBY, LAWERENCE	RFD	BLISS	14024	NY
21-55-0507	WALTON, GARY	R F D 1 BOX 1	BLISS	14024	NY
21-55-0525	PANKOW, HARRY	BOX 13 GLEN IRIS R	CASTILE	14427	NY
21-55-0526	DUPPENGIESSER, A. HD 1	R F D	PERRY	14530	NY
21-55-0532	NEVINGER, STUART	R F D	WARSAW	14569	NY
21-55-0535	VONSANDEN, ALFRED	W. MIDDLEBURY RD.	WYOMING	14591	NY
21-55-0551	WELLS, ALVIN	R D 1	CASTILE	14427	NY
21-55-0587	EMERLING FARMS	R F D	PERRY	14530	NY
21-55-0676	BLOODY HOLLOW FARMS INC.	RFD	LEICESTER	14481	NY
21-55-0725	SONGER AND FLYNN		BLISS	14024	NY
21-55-0767	FARYNA, HENRY		PERRY	14530	NY
21-55-0874	ZIEGLER, NELSON	R D	STRYKERSVILLE	14145	NY
21-56-0060	MERRITT, S. AND SONS	R D 2	PENN YAN	14527	NY
21-56-0060	FEATHER CREST FARMS INC.	R D 2	PENN YAN	14527	NY
21-56-0066	JENSEN, RODNEY	R D 1	PENN YAN	14527	NY
21-56-0073	CONSIER, ROBERT	RD 5	PENNYAN	14527	NY
21-56-0129	BUTTON, LEON & SON FM 1	R D 1	RUSHVILLE	14544	NY
21-56-0249	MARTENS, KLAAS	RD 1	PENN YAN	14527	NY
21-56-0333	JENSEN, MAURICE F.	R D 1	PENN YAN	14527	NY
21-56-0365	CHRISTIANSEN, DAVE A.	R D 1	PENN YAN	14527	NY
21-56-0425	WOOD, VICTOR	R D 1	DUNDEE	14837	NY
21-56-0994	LITTEER, ROY	R D 2	MEDFORD	08055	NJ
22-10-0005	HENISEE, A.G. & SONS	VILLAGE VIEW FARM	MEDFORD	08055	NJ
22-10-0034	JONES, HERBERT & IRVING	FOSTRTWN RD BX53 R	MEDFORD	08055	NJ
22-10-0039	DURHAM, RAYMOND	E E EST SANDTOWN R	COLUMBUS	08022	NJ
22-10-0050	BISHOP, JOHN VI FM 2	GEORGETOWN ROAD	TRENTON	08620	NJ
22-10-0051	KIESLING, LOUIS JR	BX 261 YARDVILLE R	COLUMBUS	08022	NJ
22-10-0052	WEDELL, VERNON		COLUMBUS	08022	NJ
22-10-0055	AARONSON, GEORGE & SONS	LOCUST HILL FARM	MEDFORD	08055	NJ
22-10-0057	JONES, LESTER C & SNS IN	FOSTERTOWN ROAD	JULIUSTOWN	08042	NJ
22-10-0062	PETTIT, WILLIAM		JOBSTOWN	08041	NJ
22-10-0063	SHINN, HAROLD		COLUMBUS	08022	NJ
22-10-0070	ALLOWAY, JOHN		COLUMBUS	08022	NJ
22-10-0081	CARTY, RONALD	PETTICOAT BRIDGE R	COLUMBUS	08022	NJ
22-10-0109	BISHOP, JOHN VI FM 1	GEORGETOWN ROAD	HIGHTSTOWN	08520	NJ
22-10-0117	CONOVERS GUERNSEY FM INC		COLUMBUS	08022	NJ
22-10-0120	VANHATER, DANIEL	CRECENT FARMS	MOORESTOWN	08057	NJ
22-10-0127	RUDDEROW, MAURICE & SONS	ELBOW LANE	BORDENTOWN	08505	NJ
22-10-0130	VONTHADEN, WILLIAM	OLD YORK ROAD	MEDFORD	08055	NJ
22-10-0139	SHONTZ, C. WAYNE	HARTFORD ROAD			

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
22-10-0150	ARMSTRONG, BYRON & SONS		COLUMBUS	08022	NJ
22-10-0155	WINZINGER, JOHN JR.	OLD YORK RD	BORDENTOWN	08505	NJ
22-10-0165	WAINWRIGHT, FRED JR.	CLOVER VALLEY FARM	BORDENTOWN	08505	NJ
22-10-0174	DAVID, NICHOLAS	JACKSNVLE HEDDING	BORDENTOWN	08505	NJ
22-10-0185	GRAVATT, CARLTON	R D 1	ALLENTOWN	08501	NJ
22-10-0187	SEARCH BROTHERS	ROUTE 27	CREAM RIDGE	08514	NJ
22-10-0190	WINNER, MAURICE & ROBERT	RD2 CENTERTON ROAD	MOORESTOWN	08057	NJ
22-10-0212	HILLBREEZE-KING QUEEN FM	CROSSWICK RD A.SMI	ALLENTOWN	08501	NJ
22-10-0213	STATE REFORMATORY	ATT FRANK STAUMP	BORDENTOWN	08505	NJ
22-10-0221	NEWBOLD, D T MORRISDON F	R D 1	COLTS NECK	07722	NJ
22-10-0222	RUE, F. G. AND SONS	R D	IMLAYSTOWN	08526	NJ
22-10-0223	FREIBERGER, RUPERT H.	R D 1	ALLENTOWN	08501	NJ
22-10-0225	MARLU FARMS HOLSTEIN		LINCROFT	07738	NJ
22-17-0082	JOHNSON, J S-ATT L SNYDE	P O BOX 279	OLDWICK	08858	NJ
22-17-0093	BACKACRES	RD 2	LEBANON	08833	NJ
22-17-0109	VANDOREN, ABRAM	R D 1	FLEMINGTON	08822	NJ
22-17-0116	BODINE, FRANK & SONS	R D	STOCKTON	08559	NJ
22-17-0124	SMITH, C. RUSSELL	R D	MILFORD	08848	NJ
22-17-0149	HUNTERDON HILLS HOLSTEIN	R D ATT J. PAULNIE	ROSEMONT	08556	NJ
22-17-0151	DOUGLASS, STANLEY & SONS	R D 1	PITTSTOWN	08867	NJ
22-17-0154	SLIKER, WAYNE E.	R D 5	FLEMINGTON	08822	NJ
22-17-0160	PANDY, JOSEPH	R F D 1 BOX 193	FRENCHTOWN	08825	NJ
22-17-0163	FREISS, W. H.	R D 1	GLEN GARDNER	08826	NJ
22-17-0205	EMMONS, WILLIAM M. JR.	R D 1	STOCKTON	08559	NJ
22-17-0210	SUTTON, HOWARD & SON	FRNRVL RD RD1 BX 6	CALIFON	07830	NJ
22-17-0217	ROLLING KNOLLS FARM	R D 1 BOX 32	CALIFON	07830	NJ
22-17-0220	FISHER, HENRY	SPRING MEADOW FM R	STOCKTON	08559	NJ
22-17-0222	PENN-BREEZE FARM	CHARLES ROGERS BX2	PENNINGTON	08534	NJ
22-17-0224	STOUT, LEROY	OLD YORK ROAD	LAMBERTVILLE	08530	NJ
22-17-0227	PAUCH, JAMES	R D	FRENCHTOWN	08825	NJ
22-17-0236	GULICK, RICHARD HD 1	R D	RINGOES	08551	NJ
22-17-0237	HOPPAUGH, RAYMOND	R D	CALIFON	07830	NJ
22-17-0243	VAN MIDDLESWORTH, FRANK	RD	ASBURY	08802	NJ
22-25-0005	PETTIT, ELMER S.	R D 2 BOX 14	WOODSTOWN	08098	NJ
22-25-0008	MILLER, CARLTON	STEWARD RD. R F D	WOODSTOWN	08098	NJ
22-25-0016	MYERS, HARRISON	R D 1	WOODSTOWN	08098	NJ
22-25-0019	WILLIAMS, C. SWING		ELMER	08318	NJ
22-25-0022	WALDAC FARM	R F D 1	SALEM	08079	NJ
22-25-0041	A. I. M. S.	MENANTICO UNIT	VINELAND	08360	NJ
22-25-0052	GRISCOM, ARTHUR JR.	R D 1	SALEM	08079	NJ
22-25-0060	DAVIS, F. ROLLO	R D 1	BRIDGETON	08302	NJ
22-25-0084	MCALLISTER, LESTER	R D 1	BRIDGETON	08302	NJ
22-25-0086	FLITCRAFTS CREAM VLLY DR	195 EAST AVENUE	WOODSTOWN	08098	NJ
22-25-0096	HAYNES, BEN JR.	R D 3	SALEM	08079	NJ
22-25-0098	HUBSCHMIDT, JOHN	R D 1	BRIDGETON	08302	NJ
22-25-0104	ANBRUSTER, LARRY C.	R D 1	MULLICA HILL	08062	NJ
22-25-0116	ELLER, JAMES	FOX'S HILL ROAD R	ELMER	08318	NJ
22-25-0120	GRIFFIN BROTHERS	EWAN ROAD	MULLICA HILL	08062	NJ
22-25-0126	HYERLYN FARM	R D 3	ELMER	08318	NJ
22-25-0130	HORNER, WILLARD B. & SON		HARRISONVILLE	08039	NJ
22-25-0131	HACKETT, RAYMOND W.		HARRISONVILLE	08039	NJ
22-25-0132	STRING-FIELD FARM	CLARENCEBOBSTRING	SWEDESBORO	08085	NJ
22-25-0134	BENNETT, CLARENCE		SWEDESBORO	08085	NJ
22-25-0135	POOL, E. OWEN	UNION ROAD	MICKLETON	08056	NJ
22-25-0144	HOLMELAND	R D 3	SALEM	08079	NJ
22-26-0007	EVERETT, JOHN E.	R D 1	SOMERVILLE	08876	NJ
22-26-0029	VANNUYS, L. MARTIN	R D 1	BELLE MEAD	08502	NJ
22-26-0033	FOUR OAKS FARM	R D 3	SOMERVILLE	08876	NJ
22-26-0068	NORZDALE	BOX 279	NESHANIC STATION	08853	NJ
22-26-0071	JOHNSON, WILLIAM A. & SO		BELLE MEAD	08502	NJ
22-26-0073	SUTTON, E LESTER & SONS	ROUTE 28	NORTH BRANCH	08855	NJ
22-26-0074	WINANT, MRS. JANINE L.	GREAT RD.	PRINCETON	08540	NJ
22-26-0088	ANIMAL MED CTR-JACKSON	130 S.BRANCH RIVER	SOMERVILLE	08876	NJ
22-26-0089	PUSKAS, ALEX J.	R D 3 BOX 327	SOMERSET	08873	NJ
22-26-0102	SUTTON, E LESTER & SONS	ROUTE 28	NORTH BRANCH	08855	NJ
22-26-0150	NEW JERSEY EXP. STA. HOL	DEPT. ANIMAL SCIEN	NEW BRUNSWICK	08903	NJ
22-26-0152	DUKE FARMS HD 3	ATT DAIRY MGR RD 1	SOMERVILLE	08876	NJ
22-29-0044	ROBERTS, STANLEY & SONS	R D 1	PORT JERVIS	12771	NY
22-29-0135	LODESTAR FARMS, BEHRMAN	ROUTE 2 BOX 115	NEWTON	07860	NJ
22-29-0147	MEYER, GEORGE F.	R D 1 BOX 192	LAFAYETTE	07848	NJ
22-29-0154	SCOTT, EDWARD JR.	BOX 22	LAFAYETTE	07848	NJ
22-29-0182	RICKER, HERN AND SONS	R D 1	SUSSEX	07461	NJ
22-29-0183	KUPERUS, PETER	R D 4 BOX 203	SUSSEX	07461	NJ
22-29-0188	FETZER, ARTHUR	R D	AUGUSTA	07822	NJ
22-29-0233	SAINT ANTHONY,S GUILD	UMBRIAN FARM	LAFAYETTE	07848	NJ
22-29-0251	RAAB, WILLIAM	R D 3	SUSSEX	07461	NJ
22-29-0253	MOONEY, NETTIE W.		ANDOVER	07821	NJ
22-29-0254	GORDON, WILLIAM F.	R D 3 BOX 632	NEWTON	07860	NJ
22-29-0269	FRANCISCO, H F & SONS FM		ANDOVER	07821	NJ
22-29-0303	TANIS, JACOB	IDEAL GUERNSEY FAR	AUGUSTA	07822	NJ
22-29-0311	AUKEMA, OWEN FM 3	R D 2	SUSSEX	07461	NJ
22-29-0313	HAMMING, IKE	R D 3	SUSSEX	07461	NJ
22-29-0314	HENDERSON, WILLIAM & BAR	FOX HILL FM BOX 32	AUGUSTA	07822	NJ
22-29-0324	BOOTSMA, JACOB	R D 1	LAFAYETTE	07848	NJ
22-29-0329	BYMA, HENRY	R D 3 BOX 485	SUSSEX	07461	NJ

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
22-29-0358	TERHUNE, WILLIAM JR.	RD 1	ANDOVER	07821	NJ
22-29-0361	LEES HILL FARM	ATT VERNON HULL	NEW VERNON	07976	NJ
22-29-0365	IDEAL FARMS INC.	HOLSTEIN	AUGUSTA	07822	NJ
22-29-0368	AUKEMA, BRUCE	RD3 LEWISBURG ROAD	SUSSEX	07461	NJ
22-36-0002	HOSER, KENNETH J.	R D 1	STEWARTSVILLE	08886	NJ
22-36-0014	JONES, WALTER	R D 1	COLUMBIA	07832	NJ
22-36-0019	UNANGST, OSCAR	R D	BELVIDERE	07823	NJ
22-36-0021	KATZENSTEIN FARMS	RD2 BOX 495	NEWTON	07860	NJ
22-36-0036	DANKS AND SHEETS	BOX 46	ALLAMUCHY	07820	NJ
22-36-0047	GIBBS FARM 1		ALLAMUCHY	07820	NJ
22-36-0048	GIBBS FARM 2		ALLAMUCHY	07820	NJ
22-36-0063	RUSH, ALBERT Y.	R D	HAMPTON	08827	NJ
22-36-0066	WOOLF, EARL J AND EDGAR	R D 1	ASBURY	08802	NJ
22-36-0068	FOSTER, A. & HUGHES S.	R D 1	BLAIRSTOWN	07825	NJ
22-36-0074	FREY, ROBERT I.	R D 1	PHILLIPSBURG	08865	NJ
22-36-0159	CASTLE CREEK DAIRY FARM	ROBERT L KAYHART R	PORT MURRY	07865	NJ
22-36-0163	NOORDENBOS, ERNEST	R D 5 BOX 44	NEWTON	07860	NJ
22-36-0172	PINEYHILL FARMS INC.	R D 1	WASHINGTON	07882	NJ
22-36-0184	PFAFF, DAVID	BOX 203	GREAT MEADOWS	07838	NJ
22-36-0185	CANTI, RAYMOND	R D 2	PHILLIPSBURG	08865	NJ
22-36-0188	FREEBORN, RAYMOND	BOX 119	ALLAMUCHY	07820	NJ
22-36-0193	TRANQUILLITY FARMS		ALLAMUCHY	07820	NJ
22-36-0194	DANKS & FREEBORN BROTHER		ALLAMUCHY	07820	NJ
22-36-0196	SALTERFIELD FARM	HARMONY-MONTANA RD	PHILLIPSBURG	08865	NJ
22-36-0200	SCOTT FARM	WEST HILL ROAD	LONG VALLEY	07853	NJ
22-36-0203	RITTER BROTHERS	LARISON ROAD	CHESTER	07930	NJ
22-36-0204	WALNUT HILL FARM	FOX CHASE RD	GLADSTONE	07934	NJ
22-36-0207	ROEHRICH, HENRY	R D	HACKETTSTOWN	07840	NJ
22-36-0209	WOLFE BROTHERS	R D	HACKETTSTOWN	07840	NJ
22-36-0212	ELSAESSER,RICH.JR.&KAREN	R.D. 1, BOX 41	BLAIRSTOWN	07825	NJ
22-36-0215	MAKAREVICH FARMS	R D 1	COLUMBIA	07832	NJ
22-36-0221	GEBEL, HERMAN J. JR.	R D 1 BOX 287	COLUMBIA	07832	NJ
22-36-0226	PETS ACRES-J. APGAR	RD 1	COLUMBIA	07832	NJ
23-01-0029	NOEL & SCHOENBERG	R D 1	HANOVER	17331	PA
23-01-0073	ROBERT E GITT	R D 2	LITTLESTOWN	17340	PA
23-01-0093	OSCAR WINTERS	R D 5	HANOVER	17331	PA
23-01-0094	ROBEL ACRES	R D 1	NEW OXFORD	17350	PA
23-01-0095	MERVIN K MYERS	R D 2	LITTLESTOWN	17340	PA
23-01-0106	R W & M R DURBORAW	R D 1	GETTYSBURG	17325	PA
23-01-0115	M J STARNER & SONS	R D 1	NEW OXFORD	17350	PA
23-01-0148	MILTON R HOFFMAN	R D 5	GETTYSBURG	17325	PA
23-01-0152	KLING AYR FARMS	R D 2	NEW OXFORD	17350	PA
23-01-0153	BUTTONWOOD FARMS	R D 2	YORK SPRINGS	17372	PA
23-01-0154	HAROLD E MILLER	R D 2 BOX 53	NEW OXFORD	17350	PA
23-01-0155	ROY A MEANER JR	R D 6	GETTYSBURG	17325	PA
23-01-0164	TYRONE H FARMS	R D 2 SHARRER	NEW OXFORD	17350	PA
23-01-0167	JOHN J HESS	R D 5	GETTYSBURG	17325	PA
23-02-0001	WOODVILLE ST HOSP	C/O FARM MANAGER	CARNEGIE	15106	PA
23-02-0008	MAYVIEW STATE HOSP	FARM MANAGER	BRIDGEVILLE	15017	PA
23-02-0011	WARREN W SCOTT	R D 2	OAKDALE	15071	PA
23-02-0027	KUEHN BROS	915 MAC BETH DRIVE	MONROEVILLE	15146	PA
23-02-0042	JOSEPH MC WREATH	R F D 1	MC DONALD	15057	PA
23-02-0047	R C & F G HAYDEN	R D 3	ELIZABETH	15037	PA
23-03-0001	FRANK SCHRECENGOST	R D 2	DAYTON	16222	PA
23-03-0007	LEROY SHROCK	R D 1	DAYTON	16222	PA
23-03-0037	O J CLAYPOOLE & SON	RD 2	WORTHINGTON	16262	PA
23-03-0039	KEITH RUFFANER	R D 2	WORTHINGTON	16262	PA
23-03-0040	RAY CLAYPOOLE & SONS	R D 2	WORTHINGTON	16262	PA
23-03-0041	JACK R WILSON	R D 2	WORTHINGTON	16262	PA
23-03-0052	T E MILLER & SON	R D 1	COWANSVILLE	16218	PA
23-03-0053	BOWSER DAIRY	R D 1	WORTHINGTON	16262	PA
23-03-0055	CLIFFORD H HUFFMAN	R D 1	RURAL VALLEY	16249	PA
23-03-0058	MARK H CAMPBELL	R D 1	FORD CITY	16226	PA
23-04-0013	HAZEN BROS	R D 2	ELLWOOD CITY	16117	PA
23-04-0019	LLOYD BRENNER & SONS	R D 1	ROCHESTER	15074	PA
23-04-0020	ELDER VOGEL	R F D 1	ROCHESTER	15074	PA
23-04-0027	JOHN MC COY	R D 1	ALIQUIPPA	15001	PA
23-04-0029	THREE SEAS FARM	R D 1	HOOKSTOWN	15050	PA
23-04-0030	DUANE MILLER	R D 1	CLINTON	15026	PA
23-04-0066	FLOYD E & R M BONZO	R D 1 BOX 216	ROCHESTER	15074	PA
23-04-0074	MC CHESNEY BROS	R D 1	NEW GALILEE	16141	PA
23-05-0002	LUTHER & RAY AMICK	R D 1	NEW ENTERPRISE	16664	PA
23-05-0013	ROBERT H BEACH	R D 1	ROARING SPRINGS	16673	PA
23-05-0028	PAUL FORD	R F D 1	EVERETT	15537	PA
23-05-0062	J ALLEN BAKER	R D 4	BEDFORD	15552	PA
23-05-0082	EUGENE O KING	R D 1	NEW ENTERPRISE	16664	PA
23-05-0096	ELWOOD SMITH	R D 1	NEW ENTERPRISE	16664	PA
23-05-0108	RALPH E RITCHEY	R D 1	HOPEWELL	16650	PA
23-05-0124	ROBERT SMITH & SON	R D 2	BEDFORD	15522	PA
23-05-0131	LUTHER STEELE & SONS	R D 1	NEW ENTERPRISE	16664	PA
23-05-0143	BYRON OVER	R D 1	ROARING SPRING	16673	PA
23-05-0146	WILLIAM H HELSEL	R D 1	NEW ENTERPRISE	16664	PA
23-05-0151	SINKING SPRING FARM	R F D 1	EVERETT	15537	PA
23-05-0152	RALAINE JERSEYS	R D 3	EVERETT	15537	PA
23-05-0162	POTTER CREEK FARMS	R D 1	NEW ENTERPRISE	16664	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-05-0190	JOHN & LON GATES	R D 1	NEW ENTERPRISE	16664	PA
23-05-0212	JERRY L HERSHBERGER	R D 1	NEW ENTERPRISE	16664	PA
23-05-0232	BERNARD SNIDER	R D 1	NEW ENTERPRISE	16664	PA
23-05-0241	HARRY W WAREHAM	R D 1	EVERETT	15537	PA
23-05-0244	CLARENCE & KEN HOWRY	R D 1	ROARING SPRING	16673	PA
23-05-0250	RAYMOND HINISH JR	R D 1	SAXTON	16678	PA
23-05-0258	ALBERT C FULMOR	BOX 6	BAKER SUMMIT	16614	PA
23-05-0266	BLAIR BROOKE	R D 4	BEDFORD	15522	PA
23-05-0269	JOHN SCOTT & SONS	R D 1	SAXTON	16678	PA
23-05-0271	JAMES R FALVEY	R D 1	CLEARVILLE	15535	PA
23-05-0273	ROBERT W OETHILER	BOX 18	NEW ENTERPRISE	16664	PA
23-05-7123	DERRY L OVER		WOODBURY	16695	PA
23-06-0005	NORMAN J SEIDEL	R 3	FLEETWOOD	19522	PA
23-06-0006	ROBERT D SEIDEL	R 3	FLEETWOOD	19522	PA
23-06-0009	JAMES G DELONG	BOX 75	BOWERS	19511	PA
23-06-0020	HARRY A LUTZ	R 2	KEMPTON	19529	PA
23-06-0021	ELLIS R KUNKEL	R 2	KEMPTON	19529	PA
23-06-0022	MARK O BAILEY	R 2	KEMPTON	19529	PA
23-06-0031	ROY Y STOLTZFUS	R D 2	DOUGLASSVILLE	19518	PA
23-06-0037	RALPH C RICHARD	R D 1	OLEY	19547	PA
23-06-0040	LEROY E HOWARD	R D 1	OLEY	19547	PA
23-06-0046	SAMUEL G YODER		SHOEMAKERSVILLE	19555	PA
23-06-0047	GEORGE E SEIDEL	R D 1	WOMELSDORF	19567	PA
23-06-0059	SHOW TOP FARMS	R D 1	ALBURTIS	18011	PA
23-06-0061	W DREIBELBIS & SONS	R 1	SHOEMAKERSVILLE	19555	PA
23-06-0069	J HERSHEY MYER	R D 1 BOX 166	WOMELSDORF	19567	PA
23-06-0074	DANIEL J HARNISH	R D 1	RICHLAND	17087	PA
23-06-0077	PAUL F HOLLENBACH	R D 1	BETHEL	19507	PA
23-06-0080	WILLIAM A GRIMES	STAR ROUTE	SHARTELSVILLE	19554	PA
23-06-0093	WERNERSVILLE ST HOSP	C/O D E WAGNER	WERNERSVILLE	19565	PA
23-06-0109	ROGER S BUCH	R D 2	FLEETWOOD	19522	PA
23-06-0118	REU HEL FARMS INC	R D 1	MOHRSVILLE	19541	PA
23-06-0121	LEE C WEBBER	BOX 98	MYERSTOWN	17067	PA
23-06-0135	MARK A WOLFSKILL	R D 1	ROBESONIA	19551	PA
23-06-0143	RODGER L WAGNER	R D 1	OLEY	19547	PA
23-06-0145	PINE BROOK FARM	BOX 56	OLEY	19547	PA
23-06-0151	CHARLES W WAGNER	R D 3	BOYERTOWN	19512	PA
23-06-0153	DONALD B DUNCAN	R D 1	ROBESONIA	19551	PA
23-06-0155	CHARLES R KISSLING	R D 1	ROBESONIA	19551	PA
23-06-0180	DONALD E LANDIS	R D 1	MYERSTOWN	17067	PA
23-06-0183	RALPH G SANNER	R D 3	KUTZTOWN	19530	PA
23-06-0184	CHARLES W LAHR	R D 5	SINKING SPRINGS	19608	PA
23-06-0187	LEONARD G STOLTZFUS	R D 2 BOX 1218	DOUGLASSVILLE	19518	PA
23-06-0189	MRS M M MERTZ	R D 1 BOX 178	KUTZTOWN	19530	PA
23-06-0193	FLOYD WEBER	R R 1	MOHNTON	19540	PA
23-06-0195	OLEY VALLEY FARMS	R D 2	OLEY	19547	PA
23-06-0209	SOLLY GERNSHEIMER	BOX 13	BERNVILLE	19506	PA
23-06-0227	KER MIN FARMS	BOX 36 R D 3	FLEETWOOD	19522	PA
23-06-0239	WILLIAM G HOWERTER	R 2	KEMPTON	19529	PA
23-06-0246	CHARLES PLUSHANSKI	R D 3	KUTZTOWN	19530	PA
23-06-0247	JAMES G STUTZMAN	R D 3	KUTZTOWN	19530	PA
23-06-0248	FRED BOHN & SONS	R D 1 BOX 123	MYERSTOWN	17067	PA
23-06-0251	DALE H WILSON	R D 2 BOX 539C	READING	19605	PA
23-06-0260	CHARLES D MOYER	R D 1	BERNVILLE	19506	PA
23-06-0266	KENNETH L STUTZMAN	R D 2	KUTZTOWN	19530	PA
23-06-0271	WAY HAR FARMS	R D 1	BERNVILLE	19506	PA
23-06-0276	JOHN H STUMP	R D 2	BERNVILLE	19506	PA
23-06-0280	F M BROWNS SONS INC	R R 2	DOUGLASSVILLE	19518	PA
23-06-0281	DANIEL H SCHLEGEL	R D 1	OLEY	19547	PA
23-06-0283	ROBERT L SEIDEL	R D 1 BOX 111	LENHARTSVILLE	19534	PA
23-06-0307	DONALD H MEYERS	R D 2	KEMPTON	19529	PA
23-06-0309	ANDREW D STOLTZFUS	R D 2	ELVERSON	19520	PA
23-06-0314	RICHARD R TROUTMAN	R D 1	RICHLAND	17087	PA
23-06-0320	HAROLD G HECK	R D 1 BOX 321	WERNERSVILLE	19565	PA
23-06-0324	GEORGE E MOYER	R D 1	MYERSTOWN	17067	PA
23-06-0330	EUGENE H HELLER	R D 1	ROBESONIA	19551	PA
23-06-0338	J D ROSENBAUM & SON	R D 1	DOUGLASSVILLE	19518	PA
23-06-0341	MUDDY CREEK FARM	R D 1	MYERSTOWN	17067	PA
23-06-0342	ROBERT L SATTAZAHN	R F D 1	WOMELSDORF	19567	PA
23-06-0346	GENE A REED	4901 STOUDTS FY RD	READING	19605	PA
23-06-0349	RICHARD HOPPES	R D 2 BOX 249R	HAMBURG	19526	PA
23-06-0350	DREY BROS	R D 2	DOUGLASSVILLE	19518	PA
23-06-0351	RAY E BICKSLER	R D 2	BERNVILLE	19506	PA
23-06-0354	FRANK G GROMLICH	R D 2	HAMBURG	19526	PA
23-06-0362	ROBERT C DREISBACH	R D 1	HAMBURG	19526	PA
23-06-0371	RAYMOND A SEIDEL	BOX 421	RICHLAND	17087	PA
23-06-0376	G LAYMAN BRAUND	R D 2 BOX 101	KUTZTOWN	19530	PA
23-06-0379	ERNEST D MILLER	R D 2	HAMBURG	19526	PA
23-06-0380	HAROLD&GEORG SCHULER	R D 2	FLEETWOOD	19522	PA
23-06-7096	CLARENCE C SATTAZAHN	R D 1 BOX 96	WOMELSDORF	19567	PA
23-07-0015	JOHN BURKET	R D 1	TYRONE	16686	PA
23-07-0017	J ROBERT DAUBERMAN	R D	ROARING SPRING	16673	PA
23-07-0024	RALPH FORSHT	R D 1	DUNCANSVILLE	16635	PA
23-07-0025	LIN WAY ACRES	R D	ROARING SPRING	16673	PA
23-07-0031	CARL F HELSEL	R D 2	PORTAGE	15946	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-07-0033	HILECREST FARM	R D 1	TYRONE	16686	PA
23-07-0049	DONALD R SMITH	R D 2	HARTINSBURG	16662	PA
23-07-0050	JAMES SMITH	R D	ROARING SPRINGS	16673	PA
23-07-0057	E P & D L STONEROOK	R D 1	HARTINSBURG	16662	PA
23-07-0058	PAUL & W STONEROOK	R D 1	HARTINSBURG	16662	PA
23-07-0082	DONALD L BRUMBAUGH	R D 1	HARTINSBURG	16662	PA
23-07-0084	RICHARD HELTZEL	R D	HARTINSBURG	16662	PA
23-07-0085	RICH LOU FARMS	RICHARD J FREDERIC	R D 2 HARTINSBURG	16662	PA
23-07-0091	DALE W HOOVER	R D	HARTINSBURG	16662	PA
23-07-0099	CLOVER HILL FARMS	R D 1	WILLIAMSBURG	16693	PA
23-07-0107	HAROLD&PAUL YINGLING	R D	HARTINSBURG	16662	PA
23-07-0108	OSWALD BROS	R D 2 BOX 108	TYRONE	16686	PA
23-07-0113	FRED SMITH	R D 2	HARTINSBURG	16662	PA
23-07-0119	HILTON CORLE & SONS	R D 2	HARTINSBURG	16662	PA
23-07-0121	GEORGE BRIDENBAUGH	R D 1	HARTINSBURG	16662	PA
23-07-0124	BURKET FALLS FARM	R D 1	EAST FREEDOM	16637	PA
23-07-0126	EMILE DILLING	R D 2	WILLIAMSBURG	16693	PA
23-07-0133	STANLEY CRAWFORD	R D 1 BOX 158	TYRONE	16686	PA
23-07-0137	FRED BECHTEL		CURRYVILLE	16631	PA
23-07-0140	J CALVIN BAKER	R D 2	WILLIAMSBURG	16693	PA
23-07-0148	SAMUEL BLACK	R D 3 BOX 398	ALTOONA	16601	PA
23-07-0150	RALPH W GLASS		ROARING SPRING	16673	PA
23-07-0154	HARLD&BERNARD BAILEY	R 1	ROARING SPRING	16673	PA
23-07-0157	DAR WIL FARMS	R D 1	HARTINSBURG	16662	PA
23-07-0165	ROBERT A BRUMBAUGH	R D 1	HARTINSBURG	16662	PA
23-07-0178	W DEAN STERN	R D	ROARING SPRING	16673	PA
23-07-0179	LENARD BURKET	R D 2	WILLIAMSBURG	16693	PA
23-07-0183	HAROLD J METZKER	R D 2	HARTINSBURG	16662	PA
23-07-0187	WILLIAM R ENGLAND	R D 1	WILLIAMSBURG	16693	PA
23-07-0188	R W SMITH & BROS	R D 2	HOLLIDAYSBURG	16662	PA
23-07-0190	DONALD G HOOVER	R D 2	HARTINSBURG	16662	PA
23-07-0200	ROBERT STULTZ	R D 2 BOX 122	WILLIAMSBURG	16693	PA
23-07-0203	GLENN R HOOVER	R D 2	HARTINSBURG	16662	PA
23-07-0204	DONALD GEARHART	R D 2	HARTINSBURG	16662	PA
23-07-0211	J DONALD BAKER	R D	HARTINSBURG	16662	PA
23-07-0215	ELWOOD H STITT	R D 1	HARTINSBURG	16662	PA
23-07-0217	BYRON E SOLLENBERGER		CURRYVILLE	16631	PA
23-07-0218	GARY G SMITH	R D	ROARING SPRING	16673	PA
23-07-0221	JOHN MORROW	R D 1 BOX 171	TYRONE	16686	PA
23-07-0233	LAR ANN FARM	R D 2	HARTINSBURG	16662	PA
23-08-0001	L FLEMING & SONS	R D 1	TROY	16947	PA
23-08-0006	GARY ROCKWELL	R D 3	TROY	16947	PA
23-08-0008	DUANE MATTOCKS	R D 2	TROY	16947	PA
23-08-0034	MAPOVAL FARMS INC	R D 1	MILAN	18831	PA
23-08-0035	GS & F VON WOLFFRADT	R D 2	ATHENS	18810	PA
23-08-0038	FOX CHASE FARMS		TOWANDA	18848	PA
23-08-0039	WM BRUCE BRESEE	R D 1	ULSTER	18850	PA
23-08-0041	BRADFORD COUNTY HOME	R D 3	TROY	16947	PA
23-08-0044	RALPH KERRICK & SON	R D 4	TOWANDA	18848	PA
23-08-0057	LEROYDALE FARMS	JOHN L BRACKMAN&SO	CANTON R D 1	17724	PA
23-08-0062	ANNA & MILES PRATT	R D 2	TROY	16947	PA
23-08-0064	WILCOX BROS	R D 1	CANTON	17724	PA
23-08-0067	JOHN SWINGLE & SON	R D 1	CANTON	17724	PA
23-08-0071	P F & LARRY FLEMING	R D 1	GRANVILLE SUMMIT	16926	PA
23-08-0087	BENNETT R YOUNG	R D 1	MILAN	18831	PA
23-08-0089	RONALD MACWHINNIE	R D 3 BOX 174	COLUMBIA CROSS RD	16914	PA
23-08-0104	FRED & DALE MATTOCKS	R D 2	COLUMBIA CROSS RD	16914	PA
23-08-0108	EUGENE& BRIAN HARRIS	R D 1	MILAN	18831	PA
23-08-0124	RUSSEL L JONES		LITTLE MEADOWS	18830	PA
23-08-0135	ROE RUSSELL JR	R D #1	ROME	18837	PA
23-08-0137	THOMAS MC CARTY		SUGAR RUN	18846	PA
23-08-0138	E P KENNEDY	R D 1	WYALUSING	18853	PA
23-08-0139	JOHN H HOWARD & SONS	R D 2	WYALUSING	18853	PA
23-08-0140	JOHN CULVER	R D 2	LACEYVILLE	18623	PA
23-08-0143	LYNN & BONNIE MILLER	R D 2	TOWANDA	18848	PA
23-08-0144	GEORGE KERRICK	R D 2	TOWANDA	18848	PA
23-08-0145	ROLAND PERRY	R D 1	ULSTER	18850	PA
23-08-0146	SHUMHURST FARM	R D 1	WYALUSING	18853	PA
23-08-0147	KENAVA FARMS	R D 2	TOWANDA	18848	PA
23-08-0149	CLAUDE CLARK JR	R D 3	WYALUSING	18853	PA
23-08-0152	BARRETT BROTHERS	R D 4	TOWANDA	18848	PA
23-08-0153	R CHAMPLUVIER & SON	R D 2	WYALUSING	18853	PA
23-08-0157	JAMES HOWARD	R D 2	WYALUSING	18853	PA
23-08-0163	CARLTON & TED DIBBLE	R D 2	NEW ALBANY	18833	PA
23-08-0164	PAUL GRAY	R D 2	LACEYVILLE	18623	PA
23-08-0170	VERNON&ROBERT ALLIS	R D 1	WYALUSING	18853	PA
23-08-0172	FREDERICK G BUTTS	R D 2	TOWANDA	18848	PA
23-08-0209	LEIGH STURDEVANT	R D 2	WELLSBURG	14894	NY
23-08-0234	GEORGE PAGE JR	R D 2	COLUMBIA CROSS RD	16914	PA
23-08-0246	WM S DAVIS JR		LE RAYSVILLE	18829	PA
23-08-0262	DEAN & JACK BEDFORD	R D 1	CANTON	17724	PA
23-08-0281	BOB&DALE TILLINGHAST	R D 2	GILLETT	16925	PA
23-08-0291	ROBERT S THOMSON	R D 3	WYALUSING	18853	PA
23-08-0309	ELWIN ROBERTS	R D 2	CANTON	17724	PA
23-08-0313	ARCHIE L WILLIAMS	R D 1	LE RAYSVILLE	18829	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-08-0324	ROBERT EICK	R D 3	COLUMBIA CROSS RD	16914	PA
23-08-0330	GLEN & ARLEN LANDIS	R D 1	TROY	16947	PA
23-08-0331	STRONG FARM	% E S WILSON R D 2	COLUMBIA CROSS RD	16914	PA
23-08-0372	WILLIAM BROWN	R D 2	NICHOLS	13812	NY
23-08-0377	STANLEY SAXTON	R D	GRANVILLE SUMMIT	16926	PA
23-08-0378	BEN JACKSON & SONS	R D 2	COLUMBIA CROSS RD	16914	PA
23-08-0390	CLARENCE&KEITH CRAIN	R D 2	WYSOX	18854	PA
23-08-0398	RICHARD BRISTOL	R D 3	TROY	16947	PA
23-08-0418	LA VERE NOBLE & SON	R D 2	GILLETT	16925	PA
23-08-0419	SUE & DAVE PAZZGLIA	R D 3	COLUMBIA CROSS RD	16914	PA
23-08-0421	DONALD E HARKNESS	R D 1	MONROETON	18832	PA
23-08-0432	MAX & ANDY DEWING	R D 1	WARREN CENTER	18851	PA
23-08-0436	MILFORD KINSMAN	R D 3	TROY	16947	PA
23-08-0441	LYLE D MONRO	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0445	TIMOTHY BRENNAN	R D 2	ATHENS	18810	PA
23-08-0457	RICHARD KINGSLEY	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0462	LLOYD H SEELEY	R D 2	CANTON	17724	PA
23-08-0463	ROBERT L STORCH	R D 3	TROY	16947	PA
23-08-0466	ROY WATSON	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0468	LOU & JEFF WARNER	R D 2	GILLETT	16925	PA
23-08-0473	MARINUS DE BRUIN	R D 1BOX 254	CANTON	17724	PA
23-08-0482	RICHARD H PACKARD	BOX 222 R D 3	TROY	16947	PA
23-08-0498	ROY WATSON FARM 1	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0506	FIVE BROOK FARMS	DUANE WILCOX R D 1	CANTON	17724	PA
23-08-0511	ROBERT H WHIPPLE	R D 5	TOWANDA	18848	PA
23-08-0512	DONALD E COLE	R D 3	COLUMBIA CROSS RD	16914	PA
23-08-0524	EAST KNOLL FARM	MELVIN PEIFER	R D 1 CANTON	17724	PA
23-08-0528	ABRAHAM S DERSTINE	R D 2 BOX 248	ATHENS	18810	PA
23-08-0529	ROBERT TAYLOR	R D 1	ROME	18837	PA
23-08-0536	PERRY&ERIC ANDERSON	R D 3	TROY	16947	PA
23-08-0537	RICHARD B REAGAN	R D 1 BOX 85	ATHENS	18810	PA
23-08-0543	FRANK HERMAN JR	R D 2 BOX 37	CANTON	17724	PA
23-08-0545	RICHARD D WHEELER	R D 1	PINE CITY	14871	NY
23-08-0550	HAROLD LEWIS	R D 1	TOWANDA	18848	PA
23-08-0552	WILLIAM J SMITH	R D 2	MANSFIELD	16933	PA
23-08-0555	TONY & TOM BARRETT	R D 1	ATHENS	18810	PA
23-08-0556	G ALBRECHT R BUTCHER	R D 1	COLUMBIA CROSS RD	16914	PA
23-08-0559	EUGENE FRANKLIN	R D 2	WYALUSING	18853	PA
23-08-0561	ARTHUR E GOVER	R D 1	MILAN	18831	PA
23-08-0562	CHARLES HARRIS	R D 1	MILAN	18831	PA
23-08-0563	HARRIS DUNKLEBERGER	R D 2	MILLERTON	16936	PA
23-08-0569	LE CANVILLE FARM	RD2 %DONALD G HELL	CANTON	17724	PA
23-08-0585	EASTMANS	R D 1	ROME	18837	PA
23-08-0592	LATINI BROTHERS	R D 1	WYALUSING	18853	PA
23-08-0601	TRACY D STONE	R D 1 BOX 77	CANTON	17724	PA
23-08-0605	ANTHONY L CRAGLE	R D 1	ROME	18837	PA
23-08-0606	GEORGE W FEUSNER	R D 1	ROME	18837	PA
23-08-0608	JOHN N TAYLOR	R D 4	WYALUSING	18853	PA
23-08-0653	HARVEY HENNIP	R D 1	ROME	18837	PA
23-08-0671	MERLE WATSON	R D 1	COL CROSS ROADS	16914	PA
23-08-0676	WILLIAM EICK	RD 1	COL CROSS ROS	16914	PA
23-08-0690	WILBUR D ANDERSON	R D 3	TROY	16947	PA
23-08-0692	G VANDERPOOL & SONS	R D 3	TOWANDA	18848	PA
23-08-0704	DONALD PACKARD	R D 1	GRANVILLE SUMMIT	16926	PA
23-08-0727	C E & DONALD BALDWIN	R D 1	CANTON	17724	PA
23-08-0743	ING-HO FARMS	R D 3 BOX 85	TROY	16947	PA
23-08-0746	GEORGE H SHELL	R D 2 BOX 41	COLUMBIA X RDS	16914	PA
23-08-0790	RAYMOND HOPPAUGH	R D 2 BOX 165	COLUMBIA CROSS RD	16914	PA
23-08-0795	ALFRED SPARLING	R D 3	TROY	16947	PA
23-08-6001	C & F SHAFFER	R D 1	WYALUSING	18853	PA
23-08-6004	WALTER WARBURTON	R D 1	WYALUSING	18853	PA
23-08-7280	ROBERT H PETERS	R D 3	TROY	16947	PA
23-08-7354	PAUL ROBBINS	R D 2	ULSTER	18850	PA
23-08-7382	MERLE & LESLIE WANCK	R D 5	TOWANDA	18848	PA
23-09-0032	P & C BERGER	R D	KITNERSVILLE	18930	PA
23-09-0036	PARRY BROS		RUSHLAND	18956	PA
23-09-0039	ROBERT H JAMISON	337 MIDDLE HOLLAND	HOLLAND	18966	PA
23-09-0051	WALTER B WURSTER	R D 1	OTTSVILLE	18942	PA
23-09-0060	WARREN E BUCKMAN JR	R D 2 BOX 242	PERKASIE	18944	PA
23-09-0065	LEONARD E CROOKE	BOX 252	NEW HOPE	18938	PA
23-09-0068	H CAL & DORIS WEIKEL	1128 H CALLOWHILL	PERKASIE	18944	PA
23-09-0069	HAROLD B RICK	R D 1	KINTNERSVILLE	18930	PA
23-09-0073	STANLEY R LANDIS	APPLE ROAD R D 4	QUAKERTOWN	18951	PA
23-09-0074	WILMER W RUSH	BOX 229 R R 2	PERKASIE	18944	PA
23-09-0077	OTTO W KUNKEL	R D 1	NEWTOWN	18940	PA
23-09-0079	GRUVER BROS	R D 1	PIPERSVILLE	18947	PA
23-09-0083	PAUL & DORIS DANIELS	BOX 157	PINEVILLE	18946	PA
23-09-0088	RICHARD RIDGWAY	STUMP R D BOX 176	PIPERSVILLE	18915	PA
23-09-0096	CLIFFORD W HOYER	R D 1 BOX 121	PERKASIE	18944	PA
23-09-0101	ROY SHULL	R D 1	PIPERSVILLE	18941	PA
23-09-0102	J EARLE YERKES JR	R D 1	PIPERSVILLE	18947	PA
23-09-0118	JOSEPH HALLOWELL JR	1265 HEARNS RD	WARMINISTER	18974	PA
23-09-0119	PENROSE HALLOWELL		OTTSVILLE	18942	PA
23-09-0131	QUERIPEL & LEEDOM		PIPERSVILLE	18947	PA
23-09-0137	HARRY F ATKINSON	BOX 96	PENNS PARK	18943	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-09-0141	ROBERT A HOLLAND	BOX 40	BEDMINSTER	18910	PA
23-09-0144	BRUCE LEATHERMAN	R D 1 BOX 215	PERKASIE	18944	PA
23-09-0147	JOSEPH M PETERS	BOX 79	DANBORO	18916	PA
23-09-0149	JAMES PAVLICA	R D 1 BOX 21	KINTNERSVILLE	18930	PA
23-09-0151	WILLOW RIDGE FARM	BOX 146	BUCKINGHAM	18912	PA
23-09-0301	HW&WL&CD LOWNES	SYCAMORE ST	NEWTOWN	18940	PA
23-09-0306	BREEZYVALE FARMS INC	W W WRIGHT	YARDLEY	19067	PA
23-09-0322	AMOS K KIRK & SON	R D 1	NEWTOWN	18940	PA
23-09-0412	PAUL L BISHOP	2730 HILLTOWN PIKE	PERKASIE	18944	PA
23-09-0415	WILLIAM TYSON	R D 2 BOX 195	PERKASIE	18944	PA
23-09-0417	RAYMOND GROSS	BOX 145	PLUMSTEADVILLE	18901	PA
23-09-0424	FREY & ZOELLIN	R D	OTTSVILLE	18942	PA
23-09-0811	H EASTBURN SMITH		NEW HOPE	18938	PA
23-09-0816	L IVINS SMITH	R D 2 BOX 66	NEW HOPE	18938	PA
23-09-0826	CARL R KRESGE	R D 2	NEW HOPE	18938	PA
23-09-0828	FRED BELKE	R D	NEWTOWN	18940	PA
23-09-0829	DIABASE FARM	% HANS GRAMM	R D 2 NEW HOPE	18938	PA
23-09-0902	R WORTHINGTON & SON	R D 1	DOYLESTOWN	18901	PA
23-09-0904	GEORGE S BISHOP	R D 1	DOYLESTOWN	18901	PA
23-09-0906	HAROLD HALDEMAN		DANBORO	18916	PA
23-09-0908	BISHCROFT FARM		FOUNTAINVILLE	18923	PA
23-09-0911	J HENRY MYERS	R D 2	DOYLESTOWN	18901	PA
23-09-0923	W DALE MILL	R D 2	PERKASIE	18944	PA
23-09-7018	CARL SLACK	R F D 1	NEWTOWN	18940	PA
23-10-0030	HALSTEAD BROS	R D 1	SAXONBURG	16056	PA
23-10-0045	FINLEY COOPER & SON	R D 1	SLIPPERY ROCK	16057	PA
23-10-0061	EVA CAP FARM	R D 6 POWELL ROAD	BUTLER	16001	PA
23-10-0084	W F & ALBERT HOGG	R D 4	SLIPPERY ROCK	16057	PA
23-10-0095	THEODORE E H MILLER	R D 2	CHICORA	16025	PA
23-10-0096	DEAN E CRITCHLOW	R D 1	HARRISVILLE	16038	PA
23-10-0099	CURTIS WIBLE	R D 6	BUTLER	16002	PA
23-10-0104	EUGENE GRAHAM	R D 1	EVANS CITY	16033	PA
23-10-0105	HARVEY MOORE JR	166 MOORE ROAD	BUTLER	16001	PA
23-10-0106	LEE KUHNER	R D 2	EVANS CITY	16033	PA
23-10-0111	WENDELL J SMITH	R D 4	BUTLER	16001	PA
23-10-0120	EARL WEBB	R D 1	BUTLER	16001	PA
23-10-0123	JOSEPH M RENO	R D 2 BOX 89	VALENCIA	16059	PA
23-10-0132	GEORGE SPINNEWEBER	GREEN TOP ACRES RD	BUTLER	16002	PA
23-10-0136	DAVID & BRADLEY WISE	R D 1	HARMONY	16037	PA
23-10-0144	NORMAN H GRAHAM	R D 2	EVANS CITY	16033	PA
23-10-0145	ROY C SIMPSON	R D 4	BUTLER	16001	PA
23-10-7051	VANCE&HARRY BURTNER	R D 4	BUTLER	16001	PA
23-11-0002	ARTHUR FARABAUGH	R D 1	LORETTO	15940	PA
23-11-0049	VALE WOOD DAIRY	P O BOX 13	CRESSON	16630	PA
23-13-0001	RICHARD KUNKEL	R D 1	WEATHERLY	18255	PA
23-14-0005	CORRECTIONAL INDUSTS	RCKVH % HARRY CORL	BELLEFONTE	16823	PA
23-14-0020	HENRY & JERRY WEIGHT	R D 2	BELLEFONTE	16823	PA
23-14-0023	R A & J G GRAHAM		PORT MATILDA	16870	PA
23-14-0024	PETERS FARM		PORT MATILDA	16870	PA
23-14-0031	MURMAC FARMS	R D 2	BELLEFONTE	16823	PA
23-14-0032	GLADELL FARMS	% A REARICK BOX 39	MILLHEIM	16854	PA
23-14-0047	RALPH E COLYER		MILLHEIM	16854	PA
23-14-0053	SHELDON A CORL	BOX302 PINE GROVE	STATE COLLEGE	16801	PA
23-14-0066	JAMES & PAUL HARTLE	R D 1	BELLEFONTE	16823	PA
23-14-0072	ROGER T GREEN		WARRIORS MARK	16877	PA
23-14-0073	RANDALL ALBRIGHT		WARRIORS MARK	16877	PA
23-14-0130	GEORGE E ZIMMERMAN	R D 2	BELLEFONTE	16823	PA
23-14-0157	FRANK CONNELLY	R D 1	PA FURNACE	16865	PA
23-14-0164	HAROLD W LUCAS	R D 2	BELLEFONTE	16823	PA
23-14-0165	DALE E MILLER	R D 2	SPRING MILLS	16875	PA
23-14-0167	MELVIN G MILLER	R D 2	SPRING MILLS	16875	PA
23-14-0174	CHARLES&ROBERT REESE	R D 2	HOWARD	16841	PA
23-14-0179	ED OKEEFE	R D 1 BOX 543	BOALSBURG	16827	PA
23-14-0181	JAY HOUSER	R D 2	SPRING MILLS	16875	PA
23-14-0187	PENN STATE UNIV	DAIRY BARN	UNIVERSITY PARK	16802	PA
23-14-0195	BRUCE & GARY SMITH	R D 1	CENTRE HALL	16828	PA
23-14-0202	JOSEPH HARTLE JR	R D 4	BELLEFONTE	16823	PA
23-14-0213	GEORGE R FUTHEY	R D	WOODWARD	16820	PA
23-14-0215	G KENNETH NOLAN		HUBLERSBURG	16842	PA
23-14-0219	DONALD A DREIBELBIS	1101 WEST CLINTON	STATE COLLEGE	16801	PA
23-14-0225	TUSSEY VIEW FMS INC	R D 1	CENTRE HALL	16828	PA
23-14-0237	BARRY KERSTETTER	R D 2	BELLEFONTE	16823	PA
23-14-0265	LEWIS HOUGH	R D	REBERSBURG	16872	PA
23-14-0273	R S COURSEN & SONS	R D 2	SPRING MILLS	16875	PA
23-14-0284	JOHN ISHLER	R D 1	SPRING MILLS	16875	PA
23-14-0301	WELLS FARM	R D 1	SPRING MILLS	16875	PA
23-15-0005	PAUL H EBY	R D	COCHRANVILLE	19330	PA
23-15-0033	CHARLES H GABLE	R D 2 BOX 118	ELVERSON	19520	PA
23-15-0072	MARSH ACRES FARM	R D 2 BOX 315	ELVERSON	19520	PA
23-15-0082	KIMBERTON FM SCH INC	% ROBERT BALLENTIN	R D2 PHOENIXVILLE	19460	PA
23-15-0083	CAMPHILL VIL USA INC	% HOWARD GOOD	KIMBERTON	19442	PA
23-15-0122	WILLIAM P MOORE	BOX 350	CHATTHAM	19318	PA
23-15-0218	HAROLD UMBLE	R D 1	ATGLEN	19310	PA
23-15-0231	H & R MASON	R D 1	NOTTINGHAM	19362	PA
23-15-0240	DAVID WALTON		KENNEY SQUARE	19348	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-15-0256	APPLEBROOK GUERNSEYS	DONALD BROWN R D	OXFORD	19363	PA
23-15-0282	EUGENIA C MADEIRA	CRUMDALE FARM	BERWYN	19312	PA
23-15-0295	JEFFERSON D YODER	R D 1	ELVERSON	19520	PA
23-15-0296	ELAM PETERSHEIM	R D 1 BOX 30	MORGANTOWN	19543	PA
23-15-0334	JOHN K KING	R D 2 BOX 361	PARKSBURG	19365	PA
23-15-0338	TIMOTHY KAUFFMAN	R D 1	ATGLEN	19310	PA
23-15-0344	PAUL KING	R D 1	COCHRANVILLE	19330	PA
23-15-0412	VERNON R UMBLE	R D 1	CHRISTIANA	17509	PA
23-15-0420	ELMER K HERTZLER	R D 2	ELVERSON	19520	PA
23-15-0423	STEPHEN L STOLTZFUS	R D 2	HONEY BROOK	19344	PA
23-15-0432	ELVIN P GRAYBILL	BOX 130	NOTTINGHAM	19362	PA
23-15-0448	LLOYD MAST	R D 2	ELVERSON	19520	PA
23-15-0461	ARTHUR D HERSHEY	R D 1	COCHRANVILLE	19330	PA
23-15-0470	NEWTON EVANS JR	R 1 SP A FARM	CHESTER SPRINGS	19425	PA
23-15-0478	SAMUEL B ACKER	R D 1	CHESTER SPRINGS	19425	PA
23-15-0507	JOHN S STOLTZFUS	R D 1	ATGLEN	19310	PA
23-15-0515	HARRY FREESE & SON	R D 2	OXFORD	19363	PA
23-15-0519	NICHOLAS YODER	R D 1	CHRISTIANA	17509	PA
23-15-0525	ARDROSSAN FARMS	DARBY&PAOLI RD ITH	VILLANOVA	19085	PA
23-15-0561	MAST STOLTZFUS	R D 1	ATGLEN	19310	PA
23-15-0569	H R & H L BROWN	R D 3	OXFORD	19363	PA
23-15-0570	DONALD HOSTETTER JR	R D	SADSBURYVILLE	19369	PA
23-15-0579	LENAPE DAIRY FARM	DWIGHT O RATH	WAWA	19378	PA
23-15-0580	MERLE J KING	R D 1	COCHRANVILLE	19330	PA
23-15-0593	HALMOORE	BOX 8 A	CHATHAM	19318	PA
23-15-0616	LISETER FARM	% W B TOWLE BOX 99	NEWTOWN SQUARE	19073	PA
23-15-0622	KAUFFMAN BROS	R D 1	ATGLEN	19310	PA
23-15-0626	HAROLD F PYLE	R D 1	MALVERN	19355	PA
23-15-0627	ANN & NELSON YOUNG	BOX 246	WEST GROVE	19390	PA
23-15-0630	DANIEL Z STOLTZFUS	R D 1	HONEY BROOK	19344	PA
23-15-0633	JACOB K STOLTZFUS	R D 1	OXFORD	19363	PA
23-15-0644	LARRY W HERSHEY	R D 1	ATGLEN	19310	PA
23-15-0646	OMER S SMOKER	R D 2	PARKESBURG	19365	PA
23-15-0648	DAVID E WEAVER	R D 1	GLENMOORE	19343	PA
23-15-0654	BUTTONWOOD FARMS		BIRCHRUNVILLE	19421	PA
23-15-0666	HENRY O MARTIN	1 BOX 144	HONEY BROOK	19344	PA
23-15-0670	EDWIN C TODD	225 HILL CHURCH RD	SPRING CITY	19475	PA
23-15-0676	KENNARD E HENLEY JR	R D 2	COCHRANVILLE	19330	PA
23-15-0680	BRYNCOED FARMS INC	R D 2	CHESTER SPRINGS	19425	PA
23-15-0685	BEN S BEILER	R D 1	COCHRANVILLE	19330	PA
23-15-0698	E E HERSHEY	ROYALVIEW FARM	LINCOLN UNIV RD1	19352	PA
23-15-7063	GEORGE P LANBORN	RD1 BOX120	NOTTINGHAM	19362	PA
23-16-0004	SHOOKS DAIRY	R D	SLIGO	16255	PA
23-16-0017	FABER MANOR FARMS	R D 1	MAYPORT	16240	PA
23-16-0045	MAHLES FARM	R D 2	CLARION	16214	PA
23-16-0089	EDWARD&KEITH DECKER	R D 2	KNOX	16232	PA
23-16-0093	NEELY FARMS	L L NEELY JR R D 1	EMLENTON	16373	PA
23-16-0094	LLOYD MILLER	R D 1	MAYPORT	16240	PA
23-17-0030	WILLIAM E MC FADDEN	R D 1	GRAMPIAN	16838	PA
23-17-0067	GLENN HICKS	R D 1	DU BOIS	15801	PA
23-17-0087	WILLIAM YAPLE JR	P O	HOUTZDALE	16651	PA
23-18-0017	HAROLD D MOORE	R D 1	MILL HALL	17751	PA
23-18-0018	MALCOLM PETERS & SON		BEECH CREEK	16822	PA
23-18-0057	KYLE & WALLACE		MACKEYVILLE	17750	PA
23-18-0060	FERN T DUNKLE & SON	R D 1	MILL HALL	17751	PA
23-18-0062	CLAIR D COURTER	BLAIR E COURTER	R D 2 MILL HALL	17751	PA
23-18-0075	HARRY & RONALD MEYER	R D	LOGANTON	17747	PA
23-18-0094	FRED WATTERS	BOX 104 R D 1	MILL HALL	17751	PA
23-18-0098	RICHARD L SCHENCK	R D 2 BOX 496	MILL HALL	17751	PA
23-19-0006	FRED J HESS	R D 4	BENTON	17814	PA
23-19-0014	CHARLES R SMITH	R D 1	BENTON	17814	PA
23-19-0043	FRANK LE VAN	R D 3	CATAWISSA	17820	PA
23-19-0057	ALBERT L HACK	R D 2	BERWICK	18603	PA
23-19-0088	PEN COL FARMS	R D 1	MILLVILLE	17846	PA
23-19-0090	J A & W D FAIRCHILD	ROUTE 2	BERWICK	18603	PA
23-19-0103	SHULTZ BROS	ROUTE 1	BLOOMSBURG	17815	PA
23-19-0120	ROBERT C BRONSON	R D 3	BLOOMSBURG	17815	PA
23-19-0123	RICHARD KRIEBEL	R D 4	BENTON	17814	PA
23-19-0127	JAMES MARTIN	R D 1	STEVENS	17578	PA
23-19-0128	DEAN A ROBBINS	R D 4	BLOOMSBURG	17815	PA
23-19-0138	CARL SLATER	R D 1	BLOOMSBURG	17815	PA
23-19-0146	DALE HOFFMAN	130 FORREST ROAD	BLOOMSBURG	17815	PA
23-20-0036	CARL E HURLBERT	ROUTE 1	JAMESTOWN	16134	PA
23-20-0062	ROY BLACK & SONS	R D 2	SAEGERTOWN	16433	PA
23-20-0065	SIDNEY H MARTIN	R D 1	CONNEAUTVILLE	16406	PA
23-20-0066	DALE FULLER	R D 2	SPRINGBORO	16435	PA
23-20-0109	HINES BROTHERS	R D 1	COCHRANTON	16314	PA
23-20-0120	JACK RYND	R 4	COCHRANTON	16314	PA
23-20-0130	HASBROUCK FARMS	R 1	TITUSVILLE	16354	PA
23-20-0131	NEAL HASBROUCK	R 1	TITUSVILLE	16354	PA
23-20-0133	KERR HILL FARM	R D 1	CENTERVILLE	16404	PA
23-20-0139	PAUL E KUNZ & SON	R 1	CENTERVILLE	16404	PA
23-20-0140	GORDON L TURK	R D 1	TITUSVILLE	16354	PA
23-20-0146	A-JAY FARMS	R D 1	SPARTANSBURG	16434	PA
23-20-0153	IVAN A VIRTUE & SON	STAR ROUTE	MEADVILLE	16335	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-20-0184	HOWARD CALDWELL	R 2	SAEGERSTOWN	16433	PA
23-20-0210	RUSS & VELMA OAKES	R 1	COCHRANTON	16314	PA
23-20-0211	LOREN MITCHELL & SON	R 2	SAEGERSTOWN	16433	PA
23-20-0263	CROM DELL FARMS	R D 1	JAMESTOWN	16134	PA
23-20-0279	ROY & ROBERT HUBER	STAR ROUTE	MEADVILLE	16335	PA
23-20-0280	RICHARD L BLACK	R D 2	SAEGERTOWN	16433	PA
23-20-0287	WAYNE STAINBROOK	R D 3	MEADVILLE	16335	PA
23-20-0294	R M CLARK & SONS	BOX 25	CENTERVILLE	16404	PA
23-20-0297	IVAN & ARDEN DRAKE	R D 2	CAMBRIDGE SPRINGS	16403	PA
23-20-0299	MORRELL FARMS	R D 3	COCHRANTON	16314	PA
23-20-0308	ROBERT C CAMPBELL	R D 2	SAEGERTOWN	16433	PA
23-20-0320	JAMES A HOLLER	R D 1	JAMESTOWN	16134	PA
23-20-0326	ROOS & HOTSON	R D 6	MEADVILLE	16335	PA
23-20-0328	JOHN R DOCTER	R D 3	CAMBRIDGE SPRINGS	16403	PA
23-20-0338	DON C TYLER	R D 1	CONNEAUTVILLE	16406	PA
23-20-0354	JAMES K ANDERSON	R D 2	CENTERVILLE	16404	PA
23-20-0355	ROBERT A FREYERMUTH	R D 6	MEADVILLE	16335	PA
23-20-0359	DAVID SLUSSER	R D 2	CENTERVILLE	16404	PA
23-20-0369	ARTHUR N ALLEN	R D 1	VENANGO	16440	PA
23-20-0372	GORDEN H PEGAN	R D 6	MEADVILLE	16335	PA
23-20-0380	CHARLES E STEADMAN	R D 1	TOWNVILLE	16360	PA
23-20-0383	MALCOLM CALHOUN	R D 3	GUYS MILLS	16327	PA
23-20-0386	WAGNERS CREST FARMS	R D 6	MEADVILLE	16335	PA
23-20-0424	GARY L IRWIN	R D 3	LINESVILLE	16424	PA
23-20-7137	ALDEN POST & SONS	R D 3	CENTERVILLE	16404	PA
23-21-0009	DONALD T MC CULLOUGH	R F D 1	NEWVILLE	17241	PA
23-21-0020	ROBERT STROCK	714 WILLIAM GROVE	MECHANICSBURG	17055	PA
23-21-0026	NORMAN HERTZLER	R D 2	MECHANICSBURG	17055	PA
23-21-0030	MELVIN L HERTZLER	RFD 2	MECHANICSBURG	17055	PA
23-21-0045	JACK K SUNDAY	R D 1	CARLISLE	17013	PA
23-21-0057	PAUL W CHRONISTER	R D 1	BOILING SPRINGS	17007	PA
23-21-0060	STATE CORRECTNL INST	R D 1	CAMP HILL	17011	PA
23-21-0066	JOHN M LIPPERT	R D 5	CARLISLE	17013	PA
23-21-0082	STANLEY L SPENCER JR	R D 1	NEWVILLE	17241	PA
23-21-0086	CREEDIN C CORNMAN	R D 6	CARLISLE	17013	PA
23-21-0089	ASHCOMBE FARMS	BOX 14	GRANTHAM	17027	PA
23-21-0091	DAVID L MILLER	R R 2	SHIPPENSBURG	17257	PA
23-21-0105	LEE G DAVIDSON	STAR RT 2	SHIPPENSBURG	17257	PA
23-21-0106	ROY E SNOKE	R D 1	SHIPPENSBURG	17257	PA
23-21-0107	CHESTER&GALEN SMITH	R D 5	SHIPPENSBURG	17257	PA
23-21-0111	CLIFFORD CHAMBERLIN	R D 1	SHIPPENSBURG	17257	PA
23-21-0137	THRUSH BROS	R D 1	SHIPPENSBURG	17257	PA
23-21-0175	KENNETH E ZEIGLER	R D 1	CARLISLE	17013	PA
23-21-0194	RICHARD L LEHMAN	R D 2	NEWVILLE	17241	PA
23-21-0239	E LEE OILER & SON	R D 2	NEWVILLE	17241	PA
23-21-0257	FRED W DYARMAN	R D 1	SHIPPENSBURG	17257	PA
23-21-0277	PAUL STROCK	R D 2	MECHANICSBURG	17055	PA
23-21-0297	PAUL O DYARMAN	R D 1	SHIPPENSBURG	17257	PA
23-21-0304	ALLEN DAIRY FARMS	BOX 10	CARLISLE	17013	PA
23-21-0310	C CORNMANJR R CRIDER	R D 1	NEWBURG	17240	PA
23-21-0314	ROY J DICE	R D 5	SHIPPENSBURG	17257	PA
23-21-0362	ERBY WELLER	R D 1	NEWBURG	17240	PA
23-21-0377	GLENN & LARRY CRIDER	R D 1	SHIPPENSBURG	17257	PA
23-21-0381	ALFRED W ZELGER	R D 1 BOX 112	SHIPPENSBURG	17257	PA
23-21-0390	EUGENE F HENRY	R D 3	NEWVILLE	17241	PA
23-21-0402	CHARLES L NEHF	R D 2	SHIPPENSBURG	17257	PA
23-21-0405	WILLIAM L MC CULLOCH	R D 4	SHIPPENSBURG	17257	PA
23-21-0409	FRANK J YOST	R D 2	NEWVILLE	17241	PA
23-21-0421	JAMES H YOUNG UNIT2	R D 1	NEWVILLE	17241	PA
23-21-0424	FRED KIMMEL	R D 1	DILLSBURG	17019	PA
23-21-6003	M SHEAFFER UNIT 1	R D 5	CARLISLE	17013	PA
23-22-0003	HARRISBURG STATE HOS	RF PATTON POUCHA	HARRISBURG	17105	PA
23-22-0010	SAM & TOM WILLIAMS	2400 FULLING MILL	MIDDLETOWN	17057	PA
23-22-0016	JOHN HERTZLER	R D 2	ELIZABETHTOWN	17022	PA
23-22-0020	CONEWAGO FARMS	2623 N MARKET ST	ELIZABETHTOWN	17022	PA
23-22-0028	EARL E KEEFER	R D 1	MILLERSBURG	17061	PA
23-22-0048	CALVIN B MAUSER	R F D 1	ELIZABETHVILLE	17023	PA
23-22-0074	ROBERT J SCHAFFER	R F D 1	ELIZABETHVILLE	17023	PA
23-22-0095	FRANK & MARY COOVER	R D 1	GRANTVILLE	17028	PA
23-22-0096	STONEY LAWN FARMS	1597 COLEBROOK RD	MIDDLETOWN	17057	PA
23-22-0100	LYTLE FARMS INC	915 E MBG PIKE	MIDDLETOWN	17057	PA
23-22-0101	PAUL L CRISSINGER		GRATZ	17030	PA
23-22-0114	PEGNAR FARM	R D 2 BOX 474	HALIFAX	17032	PA
23-22-0115	J MELVIN BRANDT	R D 1	HERSHEY	17033	PA
23-22-0117	KEYSTONE GUERNSEY FM	R D 1	HALIFAX	17032	PA
23-22-0123	R OWN DAIRY INC	BOX 133A R D 2	HALIFAX	17032	PA
23-22-0124	GREATVIEW FARMS	R D 4	LINGLESTOWN	17110	PA
23-22-0126	STANLEY L WILT	R D 2	HALIFAX	17032	PA
23-22-0132	FRANKLIN GRAYBILL	R D 1	HERSHEY	17033	PA
23-22-0133	ROBERT H BEACH JR	R D 3 BOX 534	HALIFAX	17032	PA
23-22-7010	ARTHUR BRANDT	R D 1	HERSHEY	17033	PA
23-24-0003	HIGH FIELDS FARM	JAMES MCCARRIER	R D 2 BROCKWAY	15824	PA
23-24-0005	G C GROTZINGER	ROSLY ROAD	ST MARYS	15857	PA
23-25-0209	JAMES HAMMOND	R D 1	CORRY	16407	PA
23-25-0304	HENRY ESTER	R D 1	WATTSBURG	16442	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-25-0507	CALVIN H HENRY	R D 2	WATTSBURG	16442	PA
23-25-0548	DOUG GIBBONS	R D 3	NORTH EAST	16428	PA
23-25-0563	JAMES E SHERMAN	R D 2	ALBION	16401	PA
23-25-0571	ROLAND GATES	R D 3	CORRY	16407	PA
23-25-0580	PAUL L OSBORN	R D 4 ZWILLING RD	ERIE	16509	PA
23-25-0581	CURTIS HAVEN FARMS	R D 3	UNION CITY	16438	PA
23-25-0589	JAMES H GLOVER	R D 1	WATERFORD	16441	PA
23-25-0617	JOHN H & JOHNSON	R D 1	UNION CITY	16438	PA
23-25-0621	DAVID TRISCUIT	R D 1	CORRY	16407	PA
23-25-7753	JAMES H AKAM	R D 2 BOX 16	SPARTANSBURG	16434	PA
23-26-0024	SHAFFER FARMS	1610 RIDGE BLVD	CONNELLSVILLE	15425	PA
23-26-0028	JACKSON BROS	R D 1	NEW SALEM	15468	PA
23-26-0040	PAUL BURD & SONS	R D 2 BOX 211	UNIONTOWN	15401	PA
23-26-0041	LAWRENCE LEONARD		OHIOPYLE	15470	PA
23-26-0056	GLENN POORBAUGH & SON	R D 2	MT PLEASANT	15666	PA
23-26-0071	HERRING FARMS	R D 1 BOX 161	FARMINGTON	15437	PA
23-26-0083	GRAYDON WORK	R D 1	MILL RUN	15464	PA
23-26-0085	NIXON BROS	R D 4 BOX 42	UNIONTOWN	15401	PA
23-26-7029	RODNEY SMITH	R D 3 BOX 372	BELLE VERNON	15417	PA
23-28-0003	NORMAN SOLLENBERGER	R D 1	FAYETTEVILLE	17222	PA
23-28-0012	SOLLENBERGER & MCCOY	R D 8	CHAMBERSBURG	17201	PA
23-28-0021	T K NITTERHOUSE	R D 6	CHAMBERSBURG	17201	PA
23-28-0028	STONERS HIJOS HILL	R D 2	MERCERSBURG	17236	PA
23-28-0030	J ROBERT MEYERS	BOX 63	ST THOMAS	17252	PA
23-28-0041	HARRY D HOFFMAN & SON	R D 2	GREENCASTLE	17225	PA
23-28-0043	PAUL D ECKSTINE	R D 2	MERCERSBURG	17236	PA
23-28-0046	OAKLEIGH FARM	R D 2 BOX 196 B	MERCERSBURG	17236	PA
23-28-0048	D ELMER HAWBAKER	LINDEN AV	MERCERSBURG	17236	PA
23-28-0054	CLYDE W & PAUL GSELL	R D 5	CHAMBERSBURG	17201	PA
23-28-0067	NORMAN R BRICKER	R D 3	CHAMBERSBURG	17201	PA
23-28-0069	ROY K LEHMAN & SON	R D 3	SHIPPENSBURG	17257	PA
23-28-0080	ALFRED B BURKHOLDER	R D 1	FAYETTEVILLE	17222	PA
23-28-0084	GAYMERE FARMS	ROUTE 2	WAYNESBORO	17268	PA
23-28-0086	ROBERT MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0102	HAROLD L WENGER	R D 3	SHIPPENSBURG	17257	PA
23-28-0115	KENNETH MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0117	CARL E PUGH	R D 8	CHAMBERSBURG	17201	PA
23-28-0118	FRED M GARBER	ROUTE 8 BOX 295	CHAMBERSBURG	17201	PA
23-28-0119	RAY M GARBER	R D 5	CHAMBERSBURG	17201	PA
23-28-0138	BRUCE KNEPPER & SON	R D 1	CHAMBERSBURG	17201	PA
23-28-0146	MARLIN L FREY	R D 2	CHAMBERSBURG	17201	PA
23-28-0157	NATHAN LEHMAN	R D 3	CHAMBERSBURG	17201	PA
23-28-0163	HAROLD F CRIDER	R D 5	CHAMBERSBURG	17201	PA
23-28-0164	MARSHALL WITTER	R D 1	MERCERSBURG	17236	PA
23-28-0172	HERBERT M DICE	R D 4	CHAMBERSBURG	17201	PA
23-28-0186	GLENN K MUMMERT	R D 1	CHAMBERSBURG	17201	PA
23-28-0193	JACK K BECK & SON	ROUTE 2	MERCERSBURG	17236	PA
23-28-0202	H LESTER OYLER EST	R D 1 BOX 234	CHAMBERSBURG	17201	PA
23-28-0204	J CHALMERS YOUNG JR	R D 2	GREENCASTLE	17225	PA
23-28-0206	O B WILHIDE & SONS	R D 1	WAYNESBORO	17268	PA
23-28-0211	AIR HILL FARMS	R D 2	CHAMBERSBURG	17201	PA
23-28-0229	MARLIN G BRICKER	R R 8	CHAMBERSBURG	17201	PA
23-28-0282	J ELDON CRIDER	R D 5	CHAMBERSBURG	17201	PA
23-28-0289	MERLE D WOODRING	R D 3	CHAMBERSBURG	17201	PA
23-28-0296	JAMES C WITTER	STAR ROUTE 1	SHIPPENSBURG	17257	PA
23-28-0316	HALL & LOVE	STAR ROUTE 1	SHIPPENSBURG	17257	PA
23-28-0317	JAYE F KNEPPER	R R 1	CHAMBERSBURG	17201	PA
23-28-0321	ADIN L FREY	R D 8	CHAMBERSBURG	17201	PA
23-28-0328	MYR-LEA FARMS	R D 1	GREENCASTLE	17225	PA
23-28-0332	FLORENCE B LYON	CITZ BANK 10-12WM	WAYNESBORO	17268	PA
23-28-0338	HOWARD J MELLOTT	R D 2	MERCERSBURG	17236	PA
23-28-0342	CLARENC & MARY ADAMS		WILLOW HILL	17271	PA
23-28-0344	BURK LEA FARMS	R D 1	CHAMBERSBURG	17201	PA
23-28-0347	WAYNE A HALL	STAR ROUTE 1	SHIPPENSBURG	17257	PA
23-28-0348	I CHESTER HORST	R D 3	GREENCASTLE	17225	PA
23-28-0354	ROY KENDIG	R D 1	ORRSTOWN	17244	PA
23-28-0359	RICHARD G EBY	R D 2	GREENCASTLE	17225	PA
23-28-0365	LESTER D FORTNA	R D 3	CHAMBERSBURG	17201	PA
23-28-0371	OMAR R MARTIN	R D 1	CHAMBERSBURG	17201	PA
23-28-0391	J ARNOLD CAMPBELL	R D 1	WAYNESBORO	17268	PA
23-28-0395	ISAAC M HORST	R D 1	CHAMBERSBURG	17601	PA
23-28-0403	MIKE FLANNERY	R D 2	MERCERSBURG	17236	PA
23-28-6008	H C GABLER	MONTGOMERY AVE	CHAMBERSBURG	17201	PA
23-29-0002	CHARLES PALMER		MORFORDSBURG	17267	PA
23-29-0006	C KENNETH GORDON		MC CONNELLSBURG	17233	PA
23-29-0076	MICHAEL & DON BARD	BARDONA FARM	NEEDMORE	17238	PA
23-29-0086	LEO SHOPE		HARRISONVILLE	17228	PA
23-31-0009	GILLBROOK FARMS NO 1		WARRIORS MARK	16877	PA
23-31-0023	DALAND FARMS	R D 2	HUNTINGDON	16652	PA
23-31-0031	GEORAN FARMS	% G R BRUMBAUGH	JAMES CREEK	16657	PA
23-31-0032	STATE CORRECTIONAL	INSTITUTION	HUNTINGDON	16652	PA
23-31-0072	SILAS GIBBONEY	R D 2	HUNTINGDON	16652	PA
23-31-0113	GERALD E MC MATH	R D	SHADE GAP	17255	PA
23-31-0126	J FREDERICK KYPER	R D 2	HUNTINGDON	16652	PA
23-31-0134	JOHN A FOSTER	R D 1	PETERSBURG	16669	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-31-0161	HAWN BROTHERS	R D	PETERSBURG	16669	PA
23-31-0167	DURBIN FARMS	R D 4	TYRONE	16686	PA
23-31-0174	LAKEVUE FARM	R D 2	HUNTINGDON	16652	PA
23-31-0175	GEARY E SHADE	R D	ALEXANDRIA	16611	PA
23-31-0176	MAX ISENBERG	R D	PETERSBURG	16669	PA
23-31-0194	WILLARD J YODER	R D 2	HUNTINGDON	16652	PA
23-31-0213	FRED L FOUSE	R D	JAMES CREEK	16657	PA
23-31-0216	EVERGREEN FARM NO 3	C/O WAYNE HARPSTER	SPRUCE CREEK	16683	PA
23-31-0224	WILLIAM H HICKS &SON	R D 4 BOX 262	TYRONE	16686	PA
23-31-0237	GLENN E PEACHY	R D	PETERSBURG	16669	PA
23-31-0241	CHESTER&CAROLE SMITH	R D	ALEXANDRIA	16611	PA
23-32-0001	WALLACE POLLOCK	R 2	MARION CENTER	15759	PA
23-32-0003	WAYNE BRAUGHLER	R D 2	MARION CENTER	15759	PA
23-32-0006	CLYDE HOUCK	R 1	CLYMER	15728	PA
23-32-0012	TORRANCE STATE HOSP		TORRANCE	15779	PA
23-32-0015	DR F G EDWARDS	R 1	INDIANA	15701	PA
23-32-0023	JOHN H MC MILLEN	R 2	MARION CENTER	15759	PA
23-32-0037	HAROLD MARSHALL	R D 1	SMICKSBURG	16256	PA
23-32-0040	WAYNE WOOD		SHELOCTA	15774	PA
23-32-0053	R B NICHOL	R D 2	MARION CENTER	15759	PA
23-32-0058	JERRY NESBIT		MARCHAND	15758	PA
23-32-0123	RALPH W COON	R D 1	SMICKSBURG	16256	PA
23-32-0131	J S CORNELL & SON	R D 1	BLAIRSVILLE	15717	PA
23-32-0134	ELMO M TRAVIS & SONS	R D 1	SMICKSBURG	16256	PA
23-33-0006	DEVERE & S BUHITE	R D 3	REYNOLDSVILLE	15851	PA
23-33-0018	CORBINVIEW FARMS	R D 2	REYNOLDSVILLE	15851	PA
23-33-0019	H CLAIR REITZ & SON	R D 2	MAYPORT	16240	PA
23-33-0024	WINDFALL RUN FARM	R D 3	REYNOLDSVILLE	15851	PA
23-33-0029	HOWREYS SPRUCELAWN	R D 1 BOX 139	REYNOLDSVILLE	15851	PA
23-33-0082	RALPH R YOUNG JR	R D 4 BOX 98N	PUNXSUTAWEY	15767	PA
23-33-0083	SANDY FARMS	R D 2	MAYPORT	16240	PA
23-33-0103	PAUL M HAUGH & SONS	P O BOX 339	BROOKVILLE	15825	PA
23-33-0107	MAPLEVALE FARM	R D 4	BROOKVILLE	15825	PA
23-33-0108	REITZ HAVEN FARM	R D 1	SUMMERVILLE	15864	PA
23-34-0005	CLARENCE SMITH		MC ALISTERVILLE	17049	PA
23-34-0015	S F METZ		MIFFLINTOWN	17059	PA
23-34-0016	JAMES H SPEER SR	DAVID SPEER	BLAIRS MILLS	17213	PA
23-34-0018	RAYMOND NOSS & SONS	R D 1	PORT ROYAL	17082	PA
23-34-0019	CARL E CAMPBELL	JEAN LEITER R D 1	PORT ROYAL	17082	PA
23-34-0023	RICHARD B CRAWFORD	R D 1	PORT ROYAL	17082	PA
23-34-0026	CARL MC CLURE	R D 2	PORT ROYAL	17082	PA
23-34-0042	GEORGE LOVE & SON	R D # 1	EAST WATERFORD	17021	PA
23-34-0054	DONALD ADAMS	R D 2	PORT ROYAL	17082	PA
23-34-0060	WENDELL W SHELLEY	R D 2	MIFFLINTOWN	17059	PA
23-34-0062	JACOB K ZOOK	R D 1	PORT ROYAL	17082	PA
23-34-0073	EDMUND K BOOK	R D 1	PORT ROYAL	17082	PA
23-34-0075	RICHARD PEACHEY	STAR ROUTE	MIFFLIN	17058	PA
23-34-0079	JAMES C GRAHAM	R D 1	PORT ROYAL	17082	PA
23-34-0085	HOWARD WILLOW	R D 2	MILLERSTOWN	17062	PA
23-34-0089	MARVIN L PEOPLES	R D 2	MC ALISTERVILLE	17049	PA
23-34-0093	ELMER A NOSS	R D 1	HONEY GROVE	17035	PA
23-34-0094	FREEBURN LOVE	NORMAN LOVE R D 1	EAST WATERFORD	17021	PA
23-34-0098	GLEN B SIMONTON	R D 1	PORT ROYAL	17082	PA
23-34-0102	RAYMOND&GLADYS LONG	R D 1	PORT ROYAL	17082	PA
23-34-0104	MARK L ZOOK	STAR ROUTE	MIFFLIN	17058	PA
23-34-0105	CHET L ADAMS	R D 2	MIFFLINTOWN	17059	PA
23-34-0115	DONALD G DIANE APPLE	STAR ROUTE	RICHFIELD	17086	PA
23-34-7025	HAROLD B SHEARER	R D 1	EAST WATERFORD	17021	PA
23-35-0001	CARROLL DECKER	R D 2	FACTORYVILLE	18419	PA
23-35-0015	ROSIAK DAIRY	R D 1	NICHOLSON	18446	PA
23-35-0022	H L & L H JOHNSON	R D 1	JERMYN	18433	PA
23-35-0023	ROBERT NAYLOR	R D 2	FACTORYVILLE	18419	PA
23-35-0028	CRAWFORD SACHSE	R D 2	MOSCOW	18444	PA
23-35-0035	FLOYD ALT	STAR ROUTE	MOSCOW	18444	PA
23-35-0055	H S CORSELIUS SONS	R F D 3	CLARKS SUMMIT	18411	PA
23-35-0060	CHASELES LANDSIEDEL	R D 2	DALTON	18414	PA
23-35-0080	ANDREW & GEO YEDINAK	R D 2	MOSCOW	18444	PA
23-35-0082	GEO & PAUL SHEYPUK	R D 1 BOX 161	JERMYN	18433	PA
23-35-0096	ROBERT&ELWOOD WHITE	R D 1 BOX 217	JERMYN	18433	PA
23-35-0097	PAUL DARLING	R D 1	NICHOLSON	18446	PA
23-35-0099	MONTDALE DAIRY	R D 1	OLYPHANT	18447	PA
23-35-0106	LOREN MILLER	R D 3	CLARKS SUMMIT	18411	PA
23-35-0107	JOSEPH KAZMIERSKI	R D 1	OLYPHANT	18447	PA
23-35-0117	DAVID SHOOK	R D 3	CLARKS SUMMIT	18411	PA
23-35-0119	WM BELACK & SONS	R D 2	FACTORYVILLE	18419	PA
23-36-0001	IRENE H SAUDER	R D 1	REINHOLDS	17569	PA
23-36-0004	JAMES HACKMAN	R D 1	EPHRATA	17522	PA
23-36-0006	SUNNY CRAFT FARM	R D 1	EPHRATA	17522	PA
23-36-0010	EZRA M MARTIN	R D 1	EPHRATA	17522	PA
23-36-0011	NELSON E MARTIN	R D 1	EPHRATA	17522	PA
23-36-0014	HENRY & PAUL MARTIN	R D 1	EPHRATA	17522	PA
23-36-0018	JAMES MARTIN	R D 1	STEVENS	17578	PA
23-36-0023	WILMER G KRAYBILL	R D 2	ELVERSON 2	19520	PA
23-36-0025	JOHN C METZLER	R F D 1	CHRISTIANA	17509	PA
23-36-0031	PARKE H RANCK	R F D 1	RONKS	17572	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-36-0032	RICHARD H HESS	R D 1	STRASBURG	17579	PA
23-36-0035	ALBERT H HELLINGER	R F D 1	STRASBURG	17579	PA
23-36-0046	JAY C GARBER	R 6	LANCASTER	17603	PA
23-36-0053	LANC MENNONITE HOSP	%AARON B SHIRK R D	LEBANON	17042	PA
23-36-0057	ROY H & RUTH H BOOK	R D 1	RONKS	17572	PA
23-36-0058	ROBERT L WEAVER	R D 1	STRASBURG	17579	PA
23-36-0059	J WADE GROFF	644 BEAVER VALY PI	LANCASTER	17602	PA
23-36-0061	J EBY HERSHEY	R D 1	GORDONVILLE	17529	PA
23-36-0062	STOLTZFUS & RESSLER	R D 1	RONKS	17572	PA
23-36-0065	RED ROSE RES CENTER	226 PITNEY ROAD	LANCASTER	17601	PA
23-36-0067	JOHN E KREIDER	523 WILLOW ROAD	LANCASTER	17601	PA
23-36-0079	DONALD S EBY	R F D 1	GORDONVILLE	17529	PA
23-36-0080	G H WEAVER	R D 1 BOX 248	NEW HOLLAND	17557	PA
23-36-0090	MILTON H BRUBAKER	660 BRUNERVILLE RD	LITITZ	17543	PA
23-36-0106	CHARLES TINDALL	R D 1	PEACH BOTTOM	17563	PA
23-36-0107	CEDAR FRINGED FARM	R D 1	PEACH BOTTOM	17563	PA
23-36-0110	HARRY G KREIDER	R D 1	QUARRYVILLE	17566	PA
23-36-0113	ROBERT H ULRICH &SON	R D 1	QUARRYVILLE	17566	PA
23-36-0114	P ROBERT WENGER	R D 1	QUARRYVILLE	17566	PA
23-36-0115	JAMES G KREIDER	R D 1	QUARRYVILLE	17566	PA
23-36-0128	HARRY S AUNGST	R F D 1	MARIETTA	17547	PA
23-36-0129	HIRAM S AUNGST	R F D 1	ELIZABETHTOWN	17022	PA
23-36-0139	ERNEST J SAUDER	924 SILVER SPRING	LANCASTER	17601	PA
23-36-0146	ELAM P BOLLINGER	R D 1	MANHEIM	17545	PA
23-36-0173	ARTHUR L BRENEMAN	R D 1	WILLOW STREET	17584	PA
23-36-0174	R F & L A WITMER	R F D 1	WILLOW STREET	17584	PA
23-36-0175	WARREN B GRIFFITH	BOX 63	NEW PROVIDENCE	17560	PA
23-36-0177	ELVIN HESS JR	R F D 1	STRASBURG	17579	PA
23-36-0187	NELSON H HERSHEY	R D 2	COLUMBIA	17512	PA
23-36-0195	ELLIS K MENTZER	R 2	NEW HOLLAND	17557	PA
23-36-0227	DAVID K STOLTZFUS	R D 1 BOX 320A	GAP	17527	PA
23-36-0234	CALVIN D BEILER	R D 1	PARADISE	17562	PA
23-36-0236	MELVIN L BEILER	R D 1	GORDONVILLE	17529	PA
23-36-0244	RICHARD P MAULE	R F D 2	QUARRYVILLE	17566	PA
23-36-0250	ELLIS D KREIDER	R D 2	QUARRYVILLE	17566	PA
23-36-0252	BRINTON & EAGER	CIRCLE DRIVE	QUARRYVILLE	17566	PA
23-36-0259	C RICHARD LANDIS	2306 HORSESHOE RD	LANCASTER	17601	PA
23-36-0265	MELVIN H GROFF	R D 6	LANCASTER	17603	PA
23-36-0289	ELAM W HULL	R D 1	QUARRYVILLE	17566	PA
23-36-0308	AMOS H STOLTZFUS	R D 1 BOX 108	MORGANTOWN	19543	PA
23-36-0310	AARON G WEAVER	R D 1	NARVON	17555	PA
23-36-0317	GLENN C HERSHEY	R D 2	NEW HOLLAND	17557	PA
23-36-0318	DALE E HIESTAND	R D 1	BAINBRIDGE	17502	PA
23-36-0325	J C POWNALL EST	R D 2	QUARRYVILLE	17566	PA
23-36-0326	EDWIN J LANDIS	1406 LAMPETER RD	LANCASTER	17602	PA
23-36-0327	JOHN & ELAM RUTT	R D 1	EPHRATA	17522	PA
23-36-0331	JOHN H HERSHEY	R D 2	LITITZ	17543	PA
23-36-0332	DANIEL L MARTIN	R 1	MANHEIM	17545	PA
23-36-0333	ROY C NEFF	R F D 1	PARADISE	17562	PA
23-36-0346	JAY E LANDIS	ROUTE 6	LANCASTER	17603	PA
23-36-0347	ALBERT E FRY	ROUTE 2	MANHEIM	17545	PA
23-36-0353	IVAN ZIMMERMAN	R D 1	EAST EARL	17519	PA
23-36-0378	GALEN W CROUSE	R D 1	STEVENS	17578	PA
23-36-0386	J FLOYD KREIDER	R F D 2	MT JOY	17552	PA
23-36-0388	WILBUR N ERB	R D 1	MT JOY	17552	PA
23-36-0408	JOHN M HARNISH	1036 BEAVER VALLEY	LANCASTER	17602	PA
23-36-0411	H RICHARD HERSHEY	304 NEWPORT ROAD	LITITZ	17543	PA
23-36-0417	CURTIS E AKERS	R D 1	QUARRYVILLE	17566	PA
23-36-0418	WALNUT RUN FARM	R D 2 BOX 73	LITITZ	17543	PA
23-36-0421	N GERHART & L W NOLT	R D 2	MT JOY	17552	PA
23-36-0424	ARTHUR D WENGER	R D 2	MANHEIM	17545	PA
23-36-0425	JESSE G BALMER	R D 4	LITITZ	17543	PA
23-36-0427	HERB & RHELDA ROYER	2025 OREGON PIKE	LANCASTER	17601	PA
23-36-0428	EDWIN K WISE	R D 1	EPHRATA	17522	PA
23-36-0436	SAM & ALLEN KREIDER	R F D 1	QUARRYVILLE	17566	PA
23-36-0443	LLOYD WOLF	R D 2	QUARRYVILLE	17566	PA
23-36-0448	EARL L HERSHEY	R D 2	QUARRYVILLE	17566	PA
23-36-0454	BURTON Y STAMAN	P O B X 63	COLUMBIA	17512	PA
23-36-0458	CLYDE M BUCHEN	ROUTE 3 BOX 47	MANHEIM	17545	PA
23-36-0463	KREISLE & LEHMAN	R D 3	QUARRYVILLE	17566	PA
23-36-0469	JONAS S NOLT	R D 2	PEACH BOTTOM	17563	PA
23-36-0471	MERVIN H WEAVER	R D 2	NEW HOLLAND	17557	PA
23-36-0474	JOHN OMAR STOLTZFUS	R D 2 BOX 177	HONEY BROOK	19344	PA
23-36-0476	EDGEFIELD FARMS	R D 2 BOX 207	QUARRYVILLE	17566	PA
23-36-0478	J MOWERY FREY JR	401 BEAVER VALLEY	LANCASTER	17602	PA
23-36-0495	ELMER H WEBER	R D 1	PEACH BOTTOM	17563	PA
23-36-0497	PAUL B ZIMMERMAN	R D 1	EPHRATA	17522	PA
23-36-0518	MARTIN E RESSLER	R D 2	QUARRYVILLE	17566	PA
23-36-0524	ROMELLA FARMS	R D 1	STRASBURG	17579	PA
23-36-0531	SAMUEL M AUGSBURGER	R D 1	NEW HOLLAND	17557	PA
23-36-0536	CLYDE W MARTIN	R D 1	EAST EARL	17519	PA
23-36-0541	DONALD L HERSHEY	ROUTE 2	MANHEIM	17545	PA
23-36-0550	MARK P STOLTZFUS	2453 CREEK HILL RD	LANCASTER	17601	PA
23-36-0560	ALLAN R SHOEMAKER	R D 1	KIRKWOOD	17536	PA
23-36-0564	CONEWAGO VIEW FARMS	R D 2	PALMYRA	17078	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-36-0566	EARL E MARTIN	R D 1	EPHRATA	17522	PA
23-36-0579	CLAIR M HERSHEY	R D 1	NOTTINGHAM	19362	PA
23-36-0585	JONATHAN B LANTZ	R D 1 BOX 214	GORDONVILLE	17529	PA
23-36-0587	HARRY H RANCK JR	R D 1	RONKS	17572	PA
23-36-0594	HAROLD & ANNA ENGEL	R D 1	ATGLEN	19310	PA
23-36-0599	ROBERT F&JOAN B BOOK	11 SOUTH HERSHEY A	LEOLA	17540	PA
23-36-0603	FURRY H FREY	1343 GYPSY HILL RD	LANCASTER	17602	PA
23-36-0604	HARRY ZIMMERMAN JR	R D 1	EAST EARL	17519	PA
23-36-0605	MASONIC HOMES FARMS	DAIRY DEPARTMENT	ELIZABETHTOWN	17022	PA
23-36-0612	SAMUEL M MARTIN JR	R D 1	GAP	17527	PA
23-36-0614	WILLIAM J AARON	R D 1	QUARRYVILLE	17566	PA
23-36-0619	C NEVIN HERSHEY	R D 1	RONKS	17572	PA
23-36-0622	LEROY S SMUCKER	R F D 1	NEW HOLLAND	17557	PA
23-36-0625	MARTIN H GOOD	R D 1	EAST EARL	17519	PA
23-36-0627	AMOS B LAPP	R F D 1	GORDONVILLE	17529	PA
23-36-0629	KENNETH B GARBER	R D 2	WILLOW STREET	17584	PA
23-36-0631	ROBT & JOYCE WAGNER	R D 2	QUARRYVILLE	17566	PA
23-36-0644	C ROBERT GREIDER	R D 2	COLUMBIA	17512	PA
23-36-0646	K O & ELSE LINDE	R D 1	OXFORD	19363	PA
23-36-0649	JOHN U LAPP	R D 1 BOX 147	GORDONVILLE	17529	PA
23-36-0652	WILLIS S NOLT	R F D 1	PEACH BOTTOM	17563	PA
23-36-0653	LESTER M WEAVER	R D 1	QUARRYVILLE	17566	PA
23-36-0666	J Z NOLT	R D 1	LEOLA	17540	PA
23-36-0670	JOHN J LANDIS	2648 CREEK HILL RD	LANCASTER	17601	PA
23-36-0672	HARVEY W STOLTZFUS	BOX 34	MORGANTOWN	19543	PA
23-36-0673	IVAN Z MARTIN	R D 4	LITITZ	17543	PA
23-36-0675	ROBERT M MYLIN	R D 2	WILLOW STREET	17584	PA
23-36-0676	ELAM J STOLTZFUS	R D 2	NARVON	17555	PA
23-36-0679	NATHAN E STOLTZFUS	R D 2 BOX 364	GAP	17527	PA
23-36-0683	HAROLD M SHENK	R D 3	MANHEIM	17545	PA
23-36-0685	ARTHUR P SWEIGART	R F D 1	MT JOY	17552	PA
23-36-0688	HARRY L TROOP	R D 1	COCHRANVILLE	19330	PA
23-36-0693	J CLAYTON CHARLES	R D 2	LANCASTER	17603	PA
23-36-0702	J KENNETH HERSHEY	R D 1	KINZERS	17535	PA
23-36-0706	JA JEAN DAIRY FARM	ROUTE 1	MANHEIM	17545	PA
23-36-0707	JOSEPH ESHLEMAN	R D 2	HOLTWOOD	17532	PA
23-36-0709	KREIDER & SPAYD	% HARRY W SPAYD JR	QUARRYVILLE	17566	PA
23-36-0712	SAMUEL S STOLTZFUS	R D 1 BOX 20A	RONKS	17572	PA
23-36-0721	JOHN K STOLTZFUS	R D 1	PARADISE	17562	PA
23-36-0728	IVAN M HURSH	R D 1	EPHRATA	17522	PA
23-36-0733	MARVIN S NOLT	R D 2	PEACH BOTTOM	17563	PA
23-36-0741	JOHN S YOST	R D 1	KINZER	17535	PA
23-36-0742	KENNETH L BIELER	R D 1	PARADISE	17562	PA
23-36-0744	MOSES N GOOD	R D 1	MOUNT JOY	17552	PA
23-36-0749	AARON B LANTZ	R D 1	GORDONVILLE	17529	PA
23-36-0754	WILLIS M MARTIN	R D 2	NOTTINGHAM	19362	PA
23-36-0759	M IRVIN EBERLY	R D 1	GAP	17527	PA
23-36-0764	TITUS B STONER	3207 BOWMAN RD	LANDISVILLE	17538	PA
23-36-0766	JOHN J LAPP	R D 1	NEW HOLLAND	17557	PA
23-36-0770	IVAN BOWMAN JR	R D 1	RONKS	17572	PA
23-36-0771	SAMUEL F LONG	R D 1	CHRISTIANA	17509	PA
23-36-0775	V FERRY ROHRER	R D 2	COLUMBIA	17512	PA
23-36-0778	MELVIN L SHERTZER	R D 1 BOX 113	MILLERSVILLE	17551	PA
23-36-0780	THOMAS C LAPP	R D 2 BOX 398	GAP	17527	PA
23-36-0782	AMOS&ELEANOR HERSHEY	R D 1	KINZERS	17535	PA
23-36-0787	JACOB S DIENNER	R D 1	GORDONVILLE	17529	PA
23-36-0788	J WILMER FRY	R D 1	WASHINGTON BORO	17582	PA
23-36-0794	S R SHELLENBERGER	R D 1 BOX 318	MOUNT JOY	17552	PA
23-36-0795	SAMUEL F KING	R D 1 BOX 303	RONKS	17572	PA
23-36-0796	QUEAMEADE FARMS	R D 2	NEW HOLLAND	17557	PA
23-36-0799	B F & MARY ESHELMAN	R D 1 BOX 8410	MANHEIM	17545	PA
23-36-0802	J MOWERY FREY	1831 HANS HERR DRI	LANCASTER	17602	PA
23-36-0809	J ARTHUR ROHRER&SONS	R D 1	PARADISE	17562	PA
23-36-0811	HENRY B LEAMAN	1891 WINDY HILL RD	LANCASTER	17602	PA
23-36-0812	DAVID L LANDIS	1896 COLEBROOK ROA	LANCASTER	17601	PA
23-36-0814	JAMES A HESS	R D 2	QUARRYVILLE	17566	PA
23-36-0817	DAVID B KING	1927 HORSESHOE RD	LANCASTER	17601	PA
23-36-0818	AMOS E KING JR	ROUTE 1 BOX 57	RONKS	17572	PA
23-36-0819	JAMES A NEWCOMER	R D 1 BOX 118	MT JOY	17552	PA
23-36-0824	ROY & KENNET STONER	RD 2	LITITZ	17543	PA
23-36-0825	JAY R FOREMAN	R D 1	LITITZ	17543	PA
23-36-0828	JONAS E ZOOK	R D 3	QUARRYVILLE	17566	PA
23-36-0829	ALBERT BRENEMAN	R D 2 BOX 376	MANHEIM	17545	PA
23-36-0831	JAMES D SHERTZER	1518 MILLPORT ROAD	LANCASTER	17602	PA
23-36-0832	FRED CRIDER	R D 2	NOTTINGHAM	19362	PA
23-36-0833	HAROLD G SHELLY	R D 2 BOX 159	MANHEIM	17545	PA
23-36-0834	PAUL D TRIMBLE	R D 1	KIRKWOOD	17536	PA
23-36-0837	R EDWIN HARNISH	R D 1	CHRISTIANA	17509	PA
23-36-0839	LLOYD E MILLER	R D 3	ELIZABETHTOWN	17022	PA
23-36-0840	AARON S GLICK & SONS	R D 2	QUARRYVILLE	17566	PA
23-36-0841	J ROHRER WITMER	R D 2	WILLOW STREET	17584	PA
23-36-0842	J ROBERT HESS	R D 1	STRASBURG	17579	PA
23-36-0843	EDWARD S GLICK	R D 1 BOX 198	GAP	17527	PA
23-36-0844	MAURICE F WELK	R D 2	QUARRYVILLE	17566	PA
23-36-0848	JAMES L HIGH	2241 SOUTH VIEW RD	LANCASTER	17602	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-36-0850	ALLEN LEE STOLTZFUS	R D 1	HONEYBROOK	19344	PA
23-36-0852	JOHN & H FARRINGTON	R D 2	LITITZ	17543	PA
23-36-0855	LEVI K STOLTZFUS	R D 1 BOX 60	GAP	17527	PA
23-36-0881	CARL G TROOP	R D 1	QUARRYVILLE	17566	PA
23-36-0882	KREIDER & TRIMBLE	R D 2	PEACH BOTTOM	17563	PA
23-36-0886	J ROBERT KINDIG	R D 1	CONESTOGA	17516	PA
23-36-0887	H LANDIS WEAVER	R D 2	QUARRYVILLE	17566	PA
23-36-0900	LEON S MUSSER	R D 2	MANHEIM	17545	PA
23-36-0901	EMANUEL S SHUCKER	R D 1 BOX 307	GAP	17527	PA
23-36-0908	ARLENE S LONGENECKER	R D 1	OXFORD	19363	PA
23-36-0914	EARL N LANDIS	R D 1	MANHEIM	17545	PA
23-36-0930	ROBERT KAUFFMAN JR	RD 2	PEACH BOTTOM	17563	PA
23-36-0957	AARON LAPP JR	R D 1	*KINZERS*	*17535*	*PA*
23-36-0971	HARRY S MUMMA	R D 1	MANHEIM	17545	PA
23-36-0998	AMOS F MILLER	R D 2	PEACH BOTTOM	17563	PA
23-36-1036	GLENN E BURKHOLDER	R D 1	WASHINGTON BORO	17582	PA
23-36-1029	GEORGE & ORRIS HOUGH	R D 2	PEACH BOTTOM	17563	PA
23-36-1065	HENRY S DE LONG	R D 2	PEACH BOTTOM	17563	PA
23-36-1071	CHRIST L BEILER	R D 1 BOX 9	RONKS	17572	PA
23-36-1094	FLOYD H HOLT	R D 1	NEW HOLLAND	17557	PA
23-36-1099	DR JAMES D COX	214 W STANTON RD	QUARRYVILLE	17566	PA
23-36-1116	WILLIAM P ARROWSMITH	RD 1	PEACH BOTTOM	17563	PA
23-36-1136	NELSON H WENGER	*R D 3*	*MANHEIM*	*17545*	*PA*
23-36-6403	SHOEMAKER BROS FM 1	R D 1	KIRKWOOD	17536	PA
23-36-7098	MARVIN R SAUDER	R D 2	EPHRATA	17522	PA
23-36-7158	AARON E BEILER	R D 1 BOX 435	PARADISE	17562	PA
23-36-7188	HAROLD L &DON RISSER	R D 1	BAINBRIDGE	17502	PA
23-36-7344	ELMER E KAUFFMAN	R D 1 BOX 7	CHRISTIANA	17509	PA
23-36-7348	ABNER K GLICK	R D 1 BOX 183	CHRISTIANA	17509	PA
23-36-7402	JOHN N SHIRK	R D 1	LEOLA	17540	PA
23-36-7426	JOHN P LAPP	R D 1 S GROFFDALE	LEOLA	17540	PA
23-37-0010	JOHN R CLARK	R D 7 BOX 37	NEW CASTLE	16102	PA
23-37-0012	DALE E CURRIE	R D 6 BOX 338	NEW CASTLE	16101	PA
23-37-0019	JOHN C HOYE	*R D 2*	VOLANT	16156	PA
23-37-0066	ROBT E ARMSTRONG III	SUMMERFIELD DAIRIE	NEW CASTLE R D 2	16101	PA
23-37-0072	CLARKS DAIRY FARM	*R D 1*	ENON VALLEY	16120	PA
23-37-0074	WENDELL DEAN	R D 6 BOX 45	NEW CASTLE	16101	PA
23-37-0078	JOHN B MC FARLAND	R D 1	NEW WILMINGTON	16142	PA
23-37-0084	J W FERRIS	BOX 140 R D 2	NEW WILMINGTON	16142	PA
23-37-0095	GEO & AUDREY GARDNER	R D 2	*VOLANT*	16156	PA
23-37-0096	RED SPRINGS FARM	R D3	SLIPPERY ROCK	16057	PA
23-37-0097	RONALD MITCHELTREE	121 LAKEWOOD ROAD	NEW CASTLE	16101	PA
23-38-0014	HAROLD G BOLLINGER	R D 1	NEWMANSTOWN	*17073*	*PA*
23-38-0017	HUBERT S MILLER	*R D 2*	MYERSTOWN	17067	PA
23-38-0023	DAVID BRANDT	R F D 1	ANNVILLE	17003	PA
23-38-0030	M H & E E *HOUSER*	R F D 5	LEBANON	17042	PA
23-38-0039	A HOYER & A BRANDT	RD 2	LEBANON	17042	PA
23-38-0045	HARLIN HITZ	R D 1	ANNVILLE	17003	PA
23-38-0053	HARVEY T BOMGARDNER	R D 1	ANNVILLE	17003	PA
23-38-0111	JOHN R FORTNA	R D 3 BOX 95	*LEBANON*	17042	PA
23-38-0117	MAURICE M BENNETCH	R D 1	NEWMANSTOWN	17073	PA
23-38-0126	ERNEST WAGNER	RURAL ROUTE 1	*ANNVILLE*	17003	PA
23-38-0139	JOHN H *STICK*	R D 2	LEBANON	17042	PA
23-38-0141	RALPH D SHIRK & SONS	R D 1	FREDERICKSBERG	17026	PA
23-38-0157	BENNETCH BROS	R D 2	MYERSTOWN	17067	PA
23-38-0161	*LUKE I PATCHES*	R D 1 BOX 55	LEBANON	17042	PA
23-38-0165	IRVIN H KREIDER	R D 2 BOX 29	PALMYRA	17078	PA
23-38-0166	ROBERT LENTZ	R D 2	LEBANON	17042	PA
23-38-0173	SONNEN ACRES	R D 1	RICHLAND	17087	PA
23-38-0196	ELMER ROHRER	*R D 1*	LEBANON	17042	PA
23-38-0197	WARREN L LENTZ	R D 1	LEBANON	17042	PA
23-38-0198	WARREN HEFFELFINGER	R D 2	*LEBANON*	17042	PA
23-38-0201	EDWIN E FUNCK	R D 1	JONESTOWN	17038	PA
23-38-0208	ABRAM T LEFEVER	R D 1	JONESTOWN	17038	PA
23-38-0214	IRVIN HORST	R D 1	NEWMANSTOWN	17073	PA
23-38-0217	MARK H BOMBERGER&SON	R F D 1	LEBANON	17042	PA
23-38-0218	*BARE BROS DAIRY*	R D 2	LEBANON	17042	PA
23-38-0224	MARK C PATCHES	201 FONDERWHITE RD	LEBANON	17042	PA
23-38-0229	ENOS N LEINBACH	R D 2	MYERSTOWN	17067	PA
23-38-0241	OSCAR VAN LIEU	R D 2	LEBANON	17042	PA
23-38-0247	DANIEL B SHIRK	R D 1	NEWMANSTOWN	17073	PA
23-38-0250	ISAAC E ZIMMERMAN	R D 3	LEBANON	17042	PA
23-38-0252	NORMAN KLINE	*R D 2*	MYERSTOWN	17067	PA
23-38-0256	*VETAMERE FARM*	1030 S FIFTH AVE	LEBANON	17042	PA
23-38-0262	LEON HOOVER	R D 1 BOX 32	MYERSTOWN	17067	PA
23-38-0280	WEIDLER BROTHERS	R D 2 BOX 244	PALMYRA	17078	PA
23-38-7015	ABRAM N HOOVER	R D 4	LEBANON	17042	PA
23-38-7046	RAYMOND N GETZ	R D 3	MYERSTOWN	17067	PA
23-39-0015	ALLENTOWN ST HOSP FM	J KILGORE RD3 BOX	NORTHAMPTON	*18067*	PA
23-39-0029	HUBERT SELL	R D 1	SCHNECKSVILLE	18078	PA
23-39-0032	WILLARD HANN	RD 1	NEW TRIPOLI	*18066*	PA
23-39-0036	LLOYD LICHTENWALNER	R D 1	CENTER VALLEY	18034	PA
23-39-0042	PAUL WISSER	R 2	COOPERSBURG	18036	PA
23-39-0065	PAUL SEMMEL	R D 1	SCHNECKSVILLE	18078	PA
23-39-0105	RUSSELL K DIETRICH	R D 1	NEW TRIPOLI	18066	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-39-0106	ONTELYNN ACRES	RALPH&BRUCE DIETRI	RD1 NEW TRIPOLI	18066	PA
23-39-0107	KIDD BROS	R D 1	MACUNGIE	18062	PA
23-39-0113	ROBERT R GEHMAN	R D 2	COOPERSBURG	18036	PA
23-39-0116	LESTER HEYER	R D 2	KUTZTOWN	19530	PA
23-39-0120	EDWARD N WISSER	R D 1	PALM	18070	PA
23-39-0124	JUNGE FARMS	RD1 % RAY HOYER FM	NEW TRIPOLI	18066	PA
23-40-0022	STERLING FARM		HARVEYS LAKE	18618	PA
23-40-0054	FRED SHULTZ	R D 1	BERWICK	18603	PA
23-40-0120	A C MACRI JR	R D 1 BOX 670	HUNLOCK CREEK	18621	PA
23-40-0126	STATE CORR INDUSTRES		DALLAS	18612	PA
23-40-0135	R S GREGORY & SONS	R D 2	DALLAS	18612	PA
23-40-0144	SANDSDALE FARM	R D 3	WYOMING	18644	PA
23-40-0147	STERLING FARM		HARVEYS LAKE	18618	PA
23-40-0155	PECORA BROS	R D 2 BOX 120A	DRUMS	18222	PA
23-41-0012	LYCOMING CO INST DIS	% RUSSELL BEACH	MONTOURSVILLE RD2	17754	PA
23-41-0021	SAMUEL & LARRY FRY	R D 2	MUNCY	17756	PA
23-41-0044	LUNGER BROTHERS	STAR ROUTE	LAIRDSVILLE	17742	PA
23-41-0046	HARRIS METZGER	R D 2	COGAN STATION	17728	PA
23-41-0050	J NICHOLSON & SONS	R D 2	MUNCY	17756	PA
23-41-0070	ROY SCHULTZ	R D 4	MUNCY	17756	PA
23-41-0072	ALBERT SNYDER	R D 4	MUNCY	17756	PA
23-41-0073	DON L SNYDER	LOYALMEADE FARMS I	MONTOURSVILLE	17754	PA
23-41-0074	JESSE SNYDER	R D 2	COGAN STATION	17728	PA
23-41-0095	J DAVID JARRETT	R D 1	LINDEN	17744	PA
23-41-0120	LESTER M POUST	R D 4	MUNCY	17756	PA
23-41-0136	JOHN C BOWER JR	R D 1	MONTGOMERY	17752	PA
23-41-0178	RICHARD BARTO	R D 1	MONTGOMERY	17752	PA
23-41-0182	STANLEY WARN	R D 4	MUNCY	17756	PA
23-41-0192	WYNO FARMS INC	R D 2	MUNCY	17756	PA
23-41-0193	STEPPE BROTHERS		NISBET	17759	PA
23-41-0199	JOHN T RITTER	R D 1	MUNCY	17756	PA
23-41-0211	ROBT & DAN MARQUARDT	% LARRY HACKENBERG	R D 4 MUNCY	17756	PA
23-41-0216	EDGAR E HUNTER SR	R D 2	MONTOURSVILLE	17754	PA
23-41-0225	MARVIN L WALTZ	R D 3	JERSEY SHORE	17740	PA
23-41-0229	GEORGE E SHOWERS	RD 1	ALLENWOOD	17810	PA
23-42-0010	JOE ISADORE		SMETHPORT	16749	PA
23-42-0014	COMES DAIRY		SMETHPORT	16749	PA
23-42-0026	CHARLES IRONS		SMETHPORT	16749	PA
23-42-0042	GUY STRAIT		TURTLE POINT	16750	PA
23-42-0051	DONALD MICHELITSCH	R D	PORT ALLEGANY	16743	PA
23-42-0113	G L CARLSON INC NO 1	R F D 1	TURTLEPOINT	16750	PA
23-42-0116	G L CARLSON INC NO 4	R D 1	TURTLEPOINT	16750	PA
23-42-0119	JOHN H LAPP	R D 2	PORT ALLEGANY	16743	PA
23-42-0122	STRATTON FARMS	R D 2	SMETHPORT	16749	PA
23-42-0152	ORTON KINNEY	RD1	PORT ALLEGANY	16743	PA
23-43-0008	G RICHARD MOOSE	R F D 2	NEW WILMINGTON	16142	PA
23-43-0011	DAVID J WOODS	R D 1	TRANSFER	16154	PA
23-43-0022	HAROLD CANNON	4816 LAMOR RD	SHARON	16146	PA
23-43-0032	OAKES BROS	R D 2	JACKSON CENTER	16133	PA
23-43-0046	ARTHUR BAXTER	R D 1	STONEBORO	16153	PA
23-43-0159	W F WHITE	R D 1 BOX 135	GROVE CITY	16127	PA
23-43-0172	R WALTER MINOR SONS	R D 1	JACKSON CENTER	16133	PA
23-43-0175	DONALD R MC FARLAND	R D 1	NEW WILMINGTON	16142	PA
23-43-0177	DEWAYNE COULTER	R D 4	GROVE CITY	16127	PA
23-43-0196	WILLIAM CANON	R D 1	FREDONIA	16124	PA
23-43-0201	TONY NICOLETTO	R D 2	GROVE CITY	16127	PA
23-43-0213	MARSHIE CHESS	R D 1	FREDONIA	16124	PA
23-43-0217	LASZLO MOZES	R D 1	GREENVILLE	16125	PA
23-43-0224	HAROLD A EALY	R D 2	SHARPSVILLE	16150	PA
23-43-0236	CHARLES W SWEITZER	R D 4	GROVE CITY	16127	PA
23-43-0238	HENRY& MICHEL WILCOX	R D 1	CARLTON	16311	PA
23-43-0244	LA VERNE CLARK	73 BAKER RD	GREENVILLE	16125	PA
23-43-0252	BRODIE CRAWFORD	R D 3	SANDY LAKE	16145	PA
23-44-0003	PEACHEE FARMS	R D 2	BELLEVILLE	17004	PA
23-44-0004	IRVIN H FLEMING	R D	BELLEVILLE	17004	PA
23-44-0012	J ELROSE GLICK	R D	BELLEVILLE	17004	PA
23-44-0025	MARK R YODER	R D	BELLEVILLE	17004	PA
23-44-0026	PERCY S YODER	R D	BELLEVILLE	17004	PA
23-44-0034	JONAS B KAUFFMAN JR	% O SUNDERLAND R D	LEWISTOWN	17044	PA
23-44-0040	HAROLD AUNGST	R D 1	MC VEYTOWN	17051	PA
23-44-0052	CARL E DONAHEY & SON	R D 2	MC VEYTOWN	17051	PA
23-44-0059	KORE J PEACHEY	R D 1	MILROY	17063	PA
23-44-0061	JAMES H ALLISON	R D	BELLEVILLE	17004	PA
23-44-0064	JOESPH BYLER	R D	BELLEVILLE	17004	PA
23-44-0073	JAMES O REED	R F D 1	REEDSVILLE	17084	PA
23-44-0086	JOHN R RODGERS	R D 1	BELLEVILLE	17004	PA
23-44-0088	JESSE S YODER	R D	BELLEVILLE	17004	PA
23-44-0099	LEROY KAUFFMAN	R D 1	REEDSVILLE	17084	PA
23-44-0103	BRADSTEAD FARM	R D 1 BOX 224	LEWISTOWN	17044	PA
23-44-0104	JOHN P BRADFORD	R D 1 BOX 205	LEWISTOWN	17044	PA
23-44-0111	DAVID R SPICHER	R D	BELLEVILLE	17004	PA
23-44-0112	MITCHELL BROS	R D 1 BOX 149	LEWISTOWN	17044	PA
23-44-0122	FRED C MYERS	R F D 1	LEWISTOWN	17044	PA
23-44-0132	MAXWELL HOOK	2100 RT 522 NORTH	LEWISTOWN	17044	PA
23-44-0137	R H & WM R AMMON	R D 4	LEWISTOWN	17044	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-44-0138	GLEN E KING	R F D 1	BELLEVILLE	17004	PA
23-44-0161	JOHN A PEACHEY	STAR ROUTE	MILLCREEK	17060	PA
23-44-0162	JOSHUA D YODER	R D 1 BOX 396	BELLEVILLE	17004	PA
23-44-0168	MIFFLIN COUNTY HOME	399 GREEN AVENUE	LEWISTOWN	17044	PA
23-44-0176	ENOS J YODER	R D	BELLEVILLE	17004	PA
23-44-0177	JAMES L HOSTETTER	R D 2	MC VEYTOWN	17051	PA
23-44-0180	GALEN M KENEPP	BOX 243 R D 1	MC VEYTOWN	17051	PA
23-44-0187	MARK S YODER	R D 1 BOX 339	BELLEVILLE	17004	PA
23-44-0191	JOHN C HARTZLER	R D 1	*BELLEVILLE*	*17004*	*PA*
23-44-0194	MARLIN M PEACHEY	R D 1	BELLEVILLE	17004	PA
23-44-0196	CHESTER M PEACHEY	R D 1 BOX 357	BELLEVILLE	17004	PA
23-44-0203	DANIEL R MILLER	*R D 3*	*LEWISTOWN*	*17044*	*PA*
23-44-0205	KORE E YODER	R D 1 BOX 406	BELLEVILLE	17004	PA
23-44-0206	JOSEPH I PEACHEY JR	R D 1 BOX 382	BELLEVILLE	17004	PA
23-44-0217	E CLAIR FISHER	R D 1 BOX 229	LEWISTOWN	17044	PA
23-44-0226	LOUIS S PEACHEY JR	RD 1	BELLEVILLE	17004	PA
23-44-7004	MARVIN E PEACHEY	STAR ROUTE BOX 260	BELLEVILLE	17004	PA
23-44-7037	*DANIEL SWAREY*	*R D 1*	REEDSVILLE	17084	PA
23-44-7040	HARVEY L YODER	R D 1	BELLEVILLE	17004	PA
23-46-0102	MAYNARD ROTHENBERGER	R D 2 HERRYHEAD PA	LANSDALE	19446	PA
23-46-0112	RICHARD R KRIEBEL	R D 1	LANSDALE	19446	PA
23-46-0119	J ARTHUR MOYER	13 ALLENTOWN RD	SOUDERTON	18964	PA
23-46-0126	GRATER BROS	MIXED MAPLES FARM	SCHWENKSVILLE RD1	19473	PA
23-46-0132	ARTHUR K HACKMAN	2701 FUNKS ROAR	HATFIELD	19440	PA
23-46-0207	KRIEBEL BROS	2122 WEBER RD	LANSDALE	19446	PA
23-46-0216	HIGHVIEW FARM	79 REED ROAD	ROYERSFORD	19468	PA
23-46-0220	GEORGE STERNER	R D 1	BECHTELSVILLE	19505	PA
23-46-0222	CORRECTIONAL INDUST	BOX 244	GRATERFORD	19426	PA
23-46-0224	HENRY B GOTTSHALL	78 SOUDER RD	ROYERSFORD	19468	PA
23-46-0228	WALEBE FARMS	R D 2	COLLEGEVILLE	19426	PA
23-46-0232	MERRILL WEST	2ND AVE BOX 882	OBELISK	19492	PA
23-46-0233	ELMER RENNINGER		ROYERSFORD	19468	PA
23-46-0238	CHARLES RHOADS	1308 DEKALB ST	OBELISK	19492	PA
23-46-0243	PERKOMEN R A BUYERS	118 REED RD	NORRISTOWN	19401	PA
23-46-0249	WALTER WAMPOLE		ROYERSFORD	19468	PA
23-46-0303	NORRISTOWN STATE HOS	% DAIRY FARM	NORRISTOWN	19401	PA
23-46-0321	GEORGE SENEKO JR	680 UPPER MAINLAND	HARLEYSVILLE	19438	PA
23-46-0324	ROBERT L FREED SR	860 MILL ROAD	HARLEYSVILLE	19438	PA
23-46-0333	AR DAN FARMS	R D 1	GILBERTSVILLE	19525	PA
23-46-0340	JAMES STUTZMAN SONS	R D 1 BOX 80	SCHWENKSVILLE	19473	PA
23-46-0347	MERRILL G RUTH	R D 1	TELFORD	18969	PA
23-46-0404	FRED & WILBUR SEIPT	R D 1	LANSDALE	19446	PA
23-46-0410	KENNETH P SCHULTZ	OLD KUTZTOWN RD	EAST GREENVILLE	18041	PA
23-46-0438	GEHRINGER BROS		BALLY	19503	PA
23-46-0440	WILLIS F ESCHBACH	ORTTS ROAD	PENNSBURG	18073	PA
23-46-0449	DAVID P LONGACRE		HEREFORD	18056	PA
23-46-0512	CURTIS F NICE	631 MOYER ROAD	TELFORD	18969	PA
23-46-0526	JESSE V ZUMSTEIN	R D 1 BOX 370	HARLEYSVILLE	19438	PA
23-46-0533	LEEMON E GAUGLER	R D 1	EAST GREENVILLE	*18041*	*PA*
23-46-7035	JOHN W MEYERS	*R D 1*	SCHWENKSVILLE	19473	PA
23-47-0025	CLARENCE MESSERSMITH	R D 1	DANVILLE	*17821*	*PA*
23-47-0072	LUNDY BROTHERS	*R D 2*	DANVILLE	17821	PA
23-47-0073	EDWARD & SHIRLEY KER	R D 5	DANVILLE	*17821*	*PA*
23-47-0081	MAR-JA FARM	R D 2	MILTON	17847	PA
23-48-0004	WILLIAM E BUSH	R D 2	BANGOR	18013	PA
23-48-0025	FULMER BROS	R D 3	NAZARETH	18064	PA
23-48-0026	EDWIN J GUM	R D 1	PEN ARGYL	18072	PA
23-48-0027	WILSON & DALE GUM	R D 1	PEN ARGYL	*18072*	*PA*
23-48-0031	KEYSTONE FARM	*R D 4*	EASTON	18042	PA
23-48-0037	BACH ECHO FARM	R 4	EASTON	18042	PA
23-48-0038	R BERNARD MERWARTH	*R D 2*	EASTON	18042	PA
23-48-0041	*MAPLE GROVE FARM*	R D 1	NAZARETH	18064	PA
23-48-0044	BUDD & STEVE OTT	R D 2	BANGOR	18013	PA
23-48-0048	LOUIS PEKTOR JR	R 1	HELLERTOWN	18055	PA
23-48-0057	SEIFERT BROS		SPRINGTOWN	18081	PA
23-48-0067	JOHN S THALER	R 4	EASTON	18042	PA
23-48-0070	PAUL HEIDMAN	R D 2	BANGOR	18013	PA
23-48-0074	JOHN VALKOVEC & SON	R D 2 BOX 14A	BATH	18014	PA
23-48-0079	YOUNG BROS	R 4	EASTON	18042	PA
23-48-0104	GORDON MANN	R D 2 BOX 221	NORTHAMPTON	18067	PA
23-48-0107	ERNEST M BACHMAN	*R D 4*	EASTON		
23-48-0120	RICHARD W SMITH	R D 2 BOX 212	NORTHAMPTON	18042	PA
23-48-0121	FLOYD & BARRY OTT	R D 2	BANGOR	18067	PA
23-48-0124	POND HOLLOW FARM	R D 2	BANGOR	18013	PA
23-48-0131	HAROLD FABIAN	3740 TWP LINE ROAD	BETHLEHEM	18013	PA
23-48-0134	CLAIRE FULS	R D 2	BANGOR	18017	PA
23-48-0139	GERALD& CAROLE ULMER	R D 1	RIEGELSVILLE	18013	PA
23-48-0144	ANTHONY COMPAGNOLA	R D 1	RIEGELSVILLE	18077	PA
23-48-6001	TWINGAP FARM	R D 1	MT BETHEL	18077	PA
23-48-7044	ACKERMAN BROS	*R D 4*	EASTON	*18343*	*PA*
23-49-0011	ALVIN & JERRY SMITH	R D 2		18042	PA
23-49-0026	PAUL WOLFE	R D 2	MILTON		
23-49-0029	LEON EPLER FARMS INC	R D 1	SUNBURY	17847	PA
23-49-0038	CARL M WITMER	R D 1	NORTHUMBERLAND	17801	PA
23-49-0114	CLIFFORD A LEVAN	R D 1	DALMATIA	17857	PA
			MILTON	17017	PA
				17847	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-49-6003	NELSON E WITMER	R D 1	DALMATIA	17017	PA
23-49-6004	NELSON E WITMER	R D 1	DALMATIA	17017	PA
23-49-6005	N E WITMER & SON	R D 1	DALMATIA	17017	PA
23-50-0002	ALFRED ALBRIGHT	R D 1	LANDISBURG	17040	PA
23-50-0004	HILMAY FARM	R D 1	LOYSVILLE	17047	PA
23-50-0005	CARL E MC MILLEN	R D 1	LOYSVILLE	17047	PA
23-50-0006	RAY E MC MILLEN	R D	LOYSVILLE	17047	PA
23-50-0008	MARY E RICE		BLAIN	17006	PA
23-50-0011	MAX REAPSOME		LOYSVILLE	17047	PA
23-50-0014	WM E MARTIN & SONS	R D 1	LOYSVILLE	17047	PA
23-50-0016	MT HOME FARM	R D 1 BOX 23	ICKESBURG	17037	PA
23-50-0022	KARL E KENNEDY & SON		GREEN PARK	17031	PA
23-50-0027	HOWARD D BARKLEY	R D 1 BOX 374	NEWPORT	17074	PA
23-50-0031	J OWEN EBERSOLE	R D 1	DUNCANNON	17020	PA
23-50-0034	DUMBELLE FARMS	R D 1	LANDISBURG	17040	PA
23-50-0043	FRANK RICE	R D 1	BLAIN	17006	PA
23-50-0044	MILLIGAN BROS		LOYSVILLE	17047	PA
23-50-0050	J TED TROUTMAN	R D	MILLERSTOWN	17062	PA
23-50-0053	RAY L KLING	R F D 1	LOYSVILLE	17047	PA
23-50-0074	PORTER D HOSTETTER	R D 1	DUNCANNON	17020	PA
23-50-0080	ROY E HALL	R D 1	MILLERSTOWN	17062	PA
23-50-0081	DELMAR GROFFE & SON	R D 2	MILLERSTOWN	17062	PA
23-50-0082	KENNETH R BENNER	R D 2	MILLERSTOWN	17062	PA
23-50-0086	MRS ROY CAMPBELL SON	R D 3 BOX 25	NEWPORT	17074	PA
23-50-0093	CHARLES C BYERS	R D 1	MILLERSTOWN	17062	PA
23-50-0099	AGROPHILOS INC	R D 1	MILLERSTOWN	17062	PA
23-50-0103	FRANK J HOKE	R D 1 BOX 93	ICKESBURG	17037	PA
23-50-0311	J H & C L ACHENBACH	R D	MILLERSTOWN	17062	PA
23-50-0322	WAYNE L STEPHENS		NEWPORT	17074	PA
23-50-0324	CLYDE S GAULT	R D 1	DUNCANNON	17020	PA
23-53-0004	FRANK N LENT	R F D 1	COUDERSPORT	16915	PA
23-53-0005	ARLING JUDD & SON	R F D 1	HARRISON VALLEY	16927	PA
23-53-0006	PAUL BUCK	R D 1	ULYSSES	16948	PA
23-53-0008	W H CURRIER	R D	GENESEE	16923	PA
23-53-0013	EUGENE ERWAY	R F D 1	COUDERSPORT	16915	PA
23-53-0015	GUY DUNN	R F D 1	COUDERSPORT	16915	PA
23-53-0021	HOMER PREDMORE	R D 3	COUDERSPORT	16915	PA
23-53-0023	IVAN KIBBE JR	R F D 1	HARRISON VALLEY	16927	PA
23-53-0024	JACK KNOWLTON	R 4	COUDERSPORT	16915	PA
23-53-0029	KENNETH L LAMBERT	R F D 1	ULYSSES	16948	PA
23-53-0048	LEWIS L LENT	R D 1	COUDERSPORT	16915	PA
23-53-0057	ALVIN B MILLER & SON	R D	ULYSSES	16948	PA
23-53-0078	IVAN SMOKER & SONS	R D	GENESEE	16923	PA
23-53-0080	RAYMOND E BUCK		ULYSSES	16948	PA
23-53-0082	ROBERT F GREENE JR	R D 1	ROULETTE	16746	PA
23-53-0084	LEONARD KENYON	R D 2	COUDERSPORT	16915	PA
23-53-0086	FRED A KNOWLTON	R 1	ROULETTE	16746	PA
23-53-0110	JOHN SEYMOUR	R D 1	ROULETT	16746	PA
23-53-0121	JUDY W BREEDEN	R D 2	COUDERSPORT	16915	PA
23-53-0122	WILLIAM SILSBY	R D 2	GENESEE	16923	PA
23-53-0129	ROBERT FRANCIS	BOX 262	ULYSSES	16948	PA
23-53-0146	C WAYNE WARRINER	BOX 470 R D 1	HARRISONVALLEY	16927	PA
23-53-0147	CHARLES M CORNELL	R D 2	GENESEE	16923	PA
23-53-0163	JAY W GOOCH	R D 2	COUDERSPORT	16915	PA
23-53-7040	TITUS RISSER	R D 2	GENESEE	16923	PA
23-54-0003	WILLIAM R DAUBERT	R F D 2	PINE GROVE	17963	PA
23-54-0016	JAMES GUERS	R D 1	TAMAQUA	18252	PA
23-54-0018	LEIBY BROTHERS	R D 1	TAMAQUA	18252	PA
23-54-0019	PAUL & KEN WAGNER	R D 1	TAMAQUA	18252	PA
23-54-0021	HEISLER BROS	R F D 1	TAMAQUA	18252	PA
23-54-0029	CARL HEISLER	R D 1	TAMAQUA	18252	PA
23-54-0038	JERSEY ACRES FMS INC	R D 2	PINE GROVE	17963	PA
23-54-0043	LEIBY BROS 2	R D 1	TAMAQUA	18252	PA
23-54-0046	NORMAN & D ROTHERMEL	R D 1	PITMAN	17964	PA
23-54-0065	ELWOOD L ROTHERMEL	R D 1	KLINGERSTOWN	17941	PA
23-54-0067	SNYDER BROTHERS	R D 1	PITMAN	17964	PA
23-54-0081	PAUL HEISLER	R D 1	TAMAQUA	18252	PA
23-54-0096	CARL J SNYDER	R D 1	PITMAN	17964	PA
23-54-0098	WILBERT MOYER	R D 1	SCHUYLKILL HAVEN	17972	PA
23-54-0099	LESTER MARTIN	R D 2	PINE GROVE	17963	PA
23-54-0101	JACOB VAN TOL & SON	R D 3	TAMAQUA	18252	PA
23-54-0102	MARTIN L DAUBERT	R D 2	PINE GROVE	17963	PA
23-54-0105	KERMIT KAHLER	R D 1	PITMAN	17964	PA
23-55-0001	C C FISHERESON	R D 1	SELINSGROVE	17870	PA
23-55-0003	SELINSGROVE ST SCH	BOX 500	SELINSGROVE	17870	PA
23-55-0004	MABARBIL FARMS	R D 3	MIDDLEBURG	17842	PA
23-55-0031	ALAN D YODER	R D 1	SELINGSGROVE	17870	PA
23-55-0032	WILBERT L FRY	R F D 1	WINFIELD	17889	PA
23-55-0047	LEIRE FRY & SONS	R D 2	MIDDLEBURG	17842	PA
23-55-0065	NORMAN W MOYER	R D 1	SELINSGROVE	17870	PA
23-55-0076	RICHARD G NERHOOD	R F D 1	BEAVERTOWN	17813	PA
23-55-0091	GLENN & ETHEL STUCK	R D 1	SELINSGROVE	17870	PA
23-55-0093	CLAYTON R GRAYBILL	R D 1	RICHFIELD	17086	PA
23-55-0095	RONALD B REICH	ROUTE 1	WINFIELD	17889	PA
23-55-0104	EARL E WALTER & SON	STAR ROUTE	BEAVER SPRINGS	17812	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-55-0105	LEE & SANDRA SHAFFER	R D 2	SELINSGROVE	17870	PA
23-55-0110	HERMAN & KEN SMITH	R D 2	MIDDLEBURG	17842	PA
23-55-0112	JOHNEMARGARET SHIREY	R D 1	BEAVERTOWN	17813	PA
23-55-0115	RUSSEL E THOMAS	R D 1	BEAVERTOWN	17813	PA
23-55-0116	GEORGE KREBS	R D 1	BEAVERTOWN	17813	PA
23-55-0119	HAROLD S HASSINGER	R D 1	MIDDLEBURG	17842	PA
23-56-0005	LEON KNEPPER	R D 1	BERLIN	15530	PA
23-56-0008	CLAIR M REIMAN	R D 1	BERLIN	15530	PA
23-56-0012	EMERSON L KNEPPER	R D 1	BERLIN	15530	PA
23-56-0026	WILBERT M BRANT	R F D 1	FRIEDENS	15541	PA
23-56-0036	JOSEPH JOHNS JR		DAVIDSVILLE	15928	PA
23-56-0043	DAYTON & LARRY LOHR	R D 1 DA LA RO JO	HOOVERSVILLE	15936	PA
23-56-0050	GLENN E JOHNSON	R D 2	ROCKWOOD	15557	PA
23-56-0059	LATUCH BROS	R D 1	ROCKWOOD	15557	PA
23-56-0082	HARRY S HILLEGASS	R D 3	BERLIN	15530	PA
23-56-0102	DONALD M WELCH	R D 1	FRIEDENS	15541	PA
23-56-0107	LLOYD LOHR	R D 1	STOYSTOWN	15563	PA
23-56-0121	M J FARM	R D 1	BERLIN	15530	PA
23-56-0130	FRANK E LOWRY	RD 2	FRIEDENS	15541	PA
23-56-0131	LEWIS M BERKLEY	R D 3	BERLIN	15530	PA
23-56-0134	CLARK A YODER	R D 1	SALISBURY	15558	PA
23-56-0136	WILLARD MAUST	R D 1	MEYERSDALE	15552	PA
23-56-0145	CALVIN M WILL	R D 1	BERLIN	15530	PA
23-56-0147	PAUL E YODER	R D 1	MEYERSDALE	15552	PA
23-56-0157	J CHESTER LONG	R D 1	FRIEDENS	15541	PA
23-56-0161	J WILLIAM SHULTZ	R D 4	BERLIN	15530	PA
23-56-0164	GALEN E SHAFFER	R D 4	BERLIN	15530	PA
23-56-0175	PAULEDAVE COUNTRYMAN	R D 4	BERLIN	15530	PA
23-56-0180	JAY L HILLEGASS	R F D 1	BERLIN	15530	PA
23-56-0183	DONALD GLESSNER	R D 4	BERLIN	15530	PA
23-56-0186	MERLE COUGHENOUR	LITTLE PINEY FARM	SALISBURY	15558	PA
23-56-0188	GERALD F CARR	R D 2	SOMERSET	15501	PA
23-56-0194	JAMES W SECHLER	R D 5	SOMERSET	15501	PA
23-56-0200	ROBERT TAYLOR	R D 1	FRIEDENS	15541	PA
23-56-0202	DALE E LEYDIG	R D 3	BERLIN	15530	PA
23-56-0205	DR JAMES L BAKER	R D 3	ROCKWOOD	15557	PA
23-56-0207	WAYNE SCHROCK	R D 4	BERLIN	15530	PA
23-56-0217	CLARK E WEYAND	R D 1	ROCKWOOD	15557	PA
23-56-0238	LEO ROSENBAUM	R D 2 ROSETREE ACR	STOYSTOWN	15563	PA
23-56-7035	GEORGE N BAER	R D 2	SOMERSET	15501	PA
23-56-7075	PAUL J PYLE	R D 2	ROCKWOOD	15557	PA
23-56-7123	MARVIN E THOMAS	R D 2	HOLSOPPLE	15935	PA
23-57-0020	RONALD HEMBURY	R D	DUSHORE	18614	PA
23-57-0042	R LAVERNE MC CARTY	R D 1	FORKSVILLE	18616	PA
23-57-0057	RAYMOND NORCONK	R D 1	NEW ALBANY	18833	PA
23-57-0063	WILLIAM HOTTENSTEIN	R D 3	NEW ALBANY	18833	PA
23-57-0081	MAYNARDEMILO REIBSON	R D 1	FORKSVILLE	18616	PA
23-57-0083	EARLEJAMES WARBURTON	R D 3	NEW ALBANY	18833	PA
23-57-0089	WALTER & DREW BAGLEY	R D	SHUNK	17768	PA
23-58-0006	ELMER HOOVER	R D 1	SPRINGVILLE	18844	PA
23-58-0009	RAYMOND B STRICKLAND		NICHOLSON	18446	PA
23-58-0022	LYMANSTEAD FARM	R D 1	MESHOPPEN	18630	PA
23-58-0040	WILLIAM BROOKS	R D 1	HOP BOTTOM	18824	PA
23-58-0045	WOODHOUSE FARM	R D 1	SPRINGVILLE	18844	PA
23-58-0053	LYN NAN FARM	R D 2	MONTROSE	18801	PA
23-58-0055	WILLIAM J GOFF	R D 3	MONTROSE	18801	PA
23-58-0074	MRS JOHN PETERSEN	R D 1	MONTROSE	18801	PA
23-58-0097	EDWARD J RUDBALL	R D 1	UNIONDALE	18470	PA
23-58-0100	KENNETH TEEL	R D 2	MESHOPPEN	18630	PA
23-58-0101	HAROLD ELY	R D 1	MONTROSE	18801	PA
23-58-0132	PAUL M WALWORTH	R D 1	NEW MILFORD	18834	PA
23-58-0143	EDWARD L BRANT	R D 2	SUSQUEHANNA	18847	PA
23-58-0186	WALTER E BROOKS	R D 1	SPRINGVILLE	18844	PA
23-58-0188	MIL CLIFF FARMS	R D 1	RUSHVILLE	18839	PA
23-58-0190	MARK LONGACRE	R D 1	SUSQUEHANNA	18847	PA
23-58-0201	ZICK VIEW FARM	R D 1	KINGSLEY	18826	PA
23-58-0204	MILLER PAGE	R D 1	SUSQUEHANNA	18847	PA
23-58-0218	CLIFFORD TINKLEPAUGH	R D 1	THOMPSON	18465	PA
23-58-0283	GARY MATULEVICH	R D 2	NICHOLSON	18446	PA
23-58-0297	RICHARD NAYLOR	R D 2	SPRINGVILLE	18844	PA
23-58-0306	GUY WELLS	R D 1	MONTROSE	18801	PA
23-58-0310	MARION SHOWALTER	R D 2	MONTROSE	18801	PA
23-58-0343	FRANCIS HIBBARDESONS		DIMOCK	18816	PA
23-58-0359	BOYD STRICKLAND	R D 2	NICHOLSON	18446	PA
23-58-0383	DAVID S FRANKS	R D 1	SPRINGVILLE	18844	PA
23-58-0385	MILL POND FARM	R D 2	NEW MILFORD	18834	PA
23-58-0421	CHARLES * WESLY GOFF	R D 2	NEW MILFORD	18834	PA
23-58-0422	THOMAS SALANSKY	R D 1	UNIONDALE	18470	PA
23-58-0451	CHESTER L CARPENTER	R D 1 BOX 168	THOMPSON	18465	PA
23-58-0460	THOMAS R WILLIAMS	R D 1	UNIONDALE	18470	PA
23-58-0464	RICHARD PLACE	R D 1	LACEYVILLE	18623	PA
23-58-0470	WILLIAM GULICK JR	R D 2	MESHOPPEN	18630	PA
23-58-0472	CLYMAR FARMS	R D 1	RUSHVILLE	18839	PA
23-58-0488	EVERETT D STONE	R D 1	THOMPSON	18465	PA
23-58-0510	HOWARD GOW	R D 1	NEW MILFORD	18834	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-58-0511	JOSEPH KRALL	R D 3	SUSQUEHANNA	18847	PA
23-58-0516	LOUDEN HILL INC		DIMOCK	18816	PA
23-58-0552	LOCUST LANE FARM	CADIS STAGE	OMEGO	13827	NY
23-58-0555	ALYNEDDY FARM	R D 2	NEW MILFORD	18834	PA
23-58-0556	JOHN TRAVER	R D 2	SPRINGVILLE	18844	PA
23-58-0558	BRICE CONKLIN	R D 3	SUSQUEHANNA	18847	PA
23-58-0560	DWIGHT JENNINGS	R D 1	NEW MILFORD	18834	PA
23-58-0569	SELDEN BIRCHARDSONS	R D 5	MONTROSE	18801	PA
23-58-0585	R M SHIPSKY & SONS	R D 1	FOREST CITY	18421	PA
23-58-6004	SAM F WILLIAMS		LERAYSVILLE	18829	PA
23-58-6010	MEADVALLEY FARM 1	R D 1	MONTROSE	18801	PA
23-58-6014	SUTTON FARMS INC	R D 1	SPRINGVILLE	18844	PA
23-58-7051	JOHN CASTROGIOVANNI	R D 1	MONTROSE	18801	PA
23-59-0003	JACK E RANDALL	R D 2	ROARING BRANCH	17765	PA
23-59-0016	GERALD PARKER	STAR ROUTE	LIBERTY	16930	PA
23-59-0032	BAITYVIEW FARMS	R D 1	COVINGTON	16917	PA
23-59-0038	DEAN BAITY	R F D 1	COVINGTON	16917	PA
23-59-0051	RIVER ROAD FARMS INC	R D 3 BOX 344	MANSFIELD	16933	PA
23-59-0059	JOHN TOMCHICK	R D 3	WELLSBORO	16901	PA
23-59-0062	PAG O MAR FARM	R D 2	WELLSBORO	16901	PA
23-59-0065	LEWIS E PRICE	R D 1	MANSFIELD	16933	PA
23-59-0070	DUANE WILCOX	R D 1	COVINGTON	16917	PA
23-59-0098	W K & D W LAWTON	R D 5 BOX 131	WELLSBORO	16901	PA
23-59-0103	K M LINDER	R D 1	KNOXVILLE	16928	PA
23-59-0142	THEODORE SCHMELZLE	R D 2	ROARING BRANCH	17765	PA
23-59-0146	C EDWARD WIAND	R D 2	MANSFIELD	16933	PA
23-59-0151	MILTON SHERMAN	R D 3	MANSFIELD	16933	PA
23-59-0164	DONALD VAN VLIET	R D 5	WELLSBORO	16901	PA
23-59-0173	WILBUR KERRICK	R D 2	ROARING BRANCH	17765	PA
23-59-0193	DAVID WEAVER	R D 1	ROARING BRANCH	17765	PA
23-59-0208	JOSEPH R WEST	BOX 54	MIDDLEBURY CENTER	16935	PA
23-59-0226	RICHARD CHAMBERLAIN	R F D 3	MANSFIELD	16933	PA
23-59-0264	JOSEPH R SHERMAN	R D 1	WELLSBORO	16901	PA
23-59-0265	CLINTON & OWEN BAKER	R D 4	WELLSBORO	16901	PA
23-59-0266	JEROME H WEBSTER	R D 4	WELLSBORO	16901	PA
23-59-0267	ROBERT SHANLEY	R D 1	ROARING BRANCH	17765	PA
23-59-0299	EMERSON TROWBRIDGE	R D 1	KNOXVILLE	16928	PA
23-59-0300	VERNARD WATKINS	R D 1	LITTLE MARSH	16931	PA
23-59-0319	MAR-BERN FARM	R D 2	MANSFIELD	16933	PA
23-59-0345	MILES NEAL & SONS	R D 2	ROARING BRANCH	17765	PA
23-59-0361	CHARLES PORTER	R D 2	CANTON	17724	PA
23-59-0370	WILLIAM CHAMBERLAIN	R D 1	COVINGTON	16917	PA
23-59-0394	EDSON &WILFRED SMITH	R D 1	LAWRENCEVILLE	16929	PA
23-59-0400	RONALD WEST	R D 1	MANSFIELD	16933	PA
23-59-0402	WINSTON RUMSEY	BOX 84	MAINESBURG	16932	PA
23-59-0406	THOMAS GROOVER	R D 2	CANTON	17724	PA
23-59-0420	GOR WOOD D ACRES	R D 1 % LEROY PLAN	MANSFIELD	16933	PA
23-59-0422	EUGENE SARGENT	R D 3	MANSFIELD	16933	PA
23-59-0434	LAWRNCEDALE MACHMER	R D 2	CANTON	17724	PA
23-59-0478	ALVIN J STOLTZFUS	RD 1	COVINGTON	16917	PA
23-60-0003	LEON M MUSSER	R D 2	LEWISBURG	17837	PA
23-60-0006	HAROLD B WALTER &SON	R D 1	LEWISBURG	17837	PA
23-60-0010	LAURELTON SCH & HOSP	% DAVIS GEN DEL	LAURELTON	17835	PA
23-60-0019	FRED & CHARLES DOCK	R D 2	LEWISBURG	17837	PA
23-60-0031	CRISSONS FARMS	R D 1	LEWISBURG	17837	PA
23-60-0032	LEWIS V KENAMOND	EAST CHESTNUT ST	MIFFLINBURG	17844	PA
23-60-0035	GEORGE L SPANGLER	R D 2	LEWISBURG	17837	PA
23-60-0036	EUGENE SPANGLER	R D 2	MIFFLINBURG	17844	PA
23-60-0043	RICHARD C RESSEGUIE	R D 3	LEWISBURG	17837	PA
23-60-0069	GLEN ZIMMERMAN	R D 2	MIFFLINBURG	17844	PA
23-60-0077	CLARENCE E CARBAUGH	R D 1	MIFFLINBURG	17844	PA
23-60-0080	HENRY SANDERS	R D 1	MILLMONT	17845	PA
23-60-0107	CLARENCE W BEILER	R D 1	MIFFLINBURG	17844	PA
23-60-0109	DAVID W FORESMAN	R D 2	MIFFLINBURG	17844	PA
23-60-0124	JOHN F WEHR & SON	R D 2	MIFFLINBURG	17844	PA
23-60-0135	ELAM BEILER	R D 2	MIFFLINBURG	17844	PA
23-60-0138	PAUL LONGENECKER	R D 2	LEWISBURG	17837	PA
23-60-0150	ROLAND EDALE HACKMAN	R D 3	LEWISBURG	17837	PA
23-61-0004	VIVIAN F RIDDLE	RDUTE 2	EHLENTON	16373	PA
23-61-0017	BURNS BROS	RDUTE 1	VENUS	16364	PA
23-61-0039	BEAN BROS	R D 3	FRANKLIN	16323	PA
23-61-0040	WINDY HILL FARMS	R D 3	TITUSVILLE	16354	PA
23-62-0010	LINDELL BROS	R D 2	RUSSELL	16345	PA
23-62-0017	WARREN STATE HOSP	BOX 240	NORTH WARREN	16365	PA
23-62-0021	CARLETON J CURTIS	R D 1	COLUMBUS	16405	PA
23-62-0058	DON GRUBER	R F D 3	SUGAR GROVE	16350	PA
23-62-0062	FLOYD BEARDSLEY	R D 2	PITTSFIELD	16340	PA
23-62-0072	WEND A MAR FARM	310 RACE ST	SUGAR GROVE	16350	PA
23-62-0075	RICHARD W STUTZMAN	R D 3	CORRY	16407	PA
23-62-0077	LAWRENCE MILLER	R D 4	CORRY	16407	PA
23-62-0078	LOUIS KANE	R D 2	RUSSELL	16345	PA
23-62-0081	KENNETH E LOOMIS	R D 3	SUGAR GROVE	16350	PA
23-62-0082	CLIFFORD CABLE	R D 2	RUSSELL	16345	PA
23-62-0092	DODDS FARMS	R D 2	CORRY	16407	PA
23-62-0094	RAN-DELL FARM	R D 2	CORRY	16407	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-62-0109	JACK&MARY DONALDSON	R D 2	RUSSELL	16345	PA
23-62-7035	SUGAR LOTT FARM	R D 1 BOX 94	SUGAR GROVE	16350	PA
23-63-0002	FAVA BROS	R D 1	SCENERY HILL	15360	PA
23-63-0010	JOHN HARCHEZAK	R F D 1	BENTLEYVILLE	15314	PA
23-63-0014	CLYDE&ROBERT ROBISON	R D 1	COAL CENTER	15423	PA
23-63-0023	ALVIN CARTER & SONS	R D 4	MCDONALD	15057	PA
23-63-0024	C E CARTER & SONS	R D 4	MCDONALD	15057	PA
23-63-0053	E G PAINTER & SONS	R D 1	AVELLA	15312	PA
23-63-0065	W KENNETH SMITH	R D 2	AVELLA	15312	PA
23-63-0081	A L MORRISON JR	R D 1	WEST ALEXANDER	15376	PA
23-63-0107	A J CELESTINE	R F D 1	SCENERY HILL	15360	PA
23-63-0121	SMITH BROS	R D 4	MC DONALD	15057	PA
23-63-0152	RITCHIE D WEAVER	R D 1 BOX 220	CANONSBURG	15317	PA
23-63-0194	TOLLGATE AYR FARMS	R D 1	WEST ALEXANDER	15376	PA
23-64-0003	CLEARFIELD FARMS	R F D 2	HONESDALE	18431	PA
23-64-0004	ROWE BROS	R D 2	HONESDALE	18431	PA
23-64-0011	FOLLEY BROS	R D 1	WAYMART	18472	PA
23-64-0045	ROBERT SHEARD		MILANVILLE	18443	PA
23-64-0050	WALTER WOYTERA	R D 1	NARROWSBURG	12764	NY
23-64-0061	SUMMER HOPE FARMS	ARTHUR SPANGENBERG	STARRUCCA	18462	PA
23-64-0083	BRUCE BANKS	R D 1	NEWFOUNDLAND	18445	PA
23-64-0109	ROBERT BAILEY	R D 1	WAYMART	18472	PA
23-64-0116	FARVIEW STATE HOSP	ARTHUR ROBINSON	WAYMART R D 2	18472	PA
23-64-0188	BUNTLINE FARMS	STAR ROUTE	HONESDALE	18431	PA
23-64-0189	GEORGE FLYNN	R D 1	LAKEWOOD	18439	PA
23-64-0199	ARTHUR H NOBLE	R D 4	HONESDALE	18431	PA
23-64-0200	E W LEPRO	R D 2	THOMPSON	18465	PA
23-64-0203	MILTON L VAIL	R D 3	HONESDALE	18431	PA
23-64-0222	ROBERT K HELLMERS	R D BOX 1	EQUINUNK	18417	PA
23-64-0226	LARRY & BRUCE MCLAIN	STAR ROUTE	MOSCOW	18444	PA
23-64-0238	ELWOOD C DRAKE	R D 1	WAYMART	18472	PA
23-64-0247	ALTON HARVEY	R D 1	HONESDALE	18431	PA
23-64-0268	ALTON C OLVER	R D 1 BOX 205	HONESDALE	18431	PA
23-64-0275	H L WOODMANSEE	R D	LAKE COMO	18455	PA
23-64-0298	FREDERICK NORDENHOLD	R D 1	NARROWSBURG	12764	PA
23-64-0299	JAMES SLOCUM	R D 3	SUSQUEHANNA	18847	PA
23-64-0307	DAVID HAUENSTEIN III		ALDENVILLE	18401	PA
23-64-0308	A F EDWARDS & SON	R D 3	LAKE ARIEL	18436	PA
23-64-0313	ROBERT FIELDING	R D 3	LAKE ARIEL	18436	PA
23-64-0314	WILLARD E NEWCOMER	R D 1	NEWFOUNDLAND	18445	PA
23-64-0319	STARLIGHT-W-DAIRY	BOX 28	STARLIGHT	18461	PA
23-64-0324	CURTWOOD FARMS	HOMER & ALYSE CURT	PRESTON PARK	18455	PA
23-64-6001	WM J PERKINS	302 9TH ST	HONESDALE	18436	PA
23-64-6002	WM J PERKINS	302 9TH ST	HONESDALE	18431	PA
23-64-7065	D ELLIS DIX	R D 1	PLEASANT MOUNT	18453	PA
23-65-0011	RALPH RUGH	R D 3 BOX 92	GREENSBURG	15601	PA
23-65-0022	JOHN W GAUT	R D 1	SCOTTDALE	15683	PA
23-65-0045	JOSEPH ZUMBRO	R F D 1	WEST NEWTON	15089	PA
23-65-0067	ANDREW ROSKOVENSKY	R D 2 BOX 269C	LATROBE	15650	PA
23-65-0069	BOYD E WOLFF	R D 2	NEW ALEXANDRIA	15670	PA
23-65-0080	SILVIS FARMS INC	R D 1	GREENSBURG	15601	PA
23-65-0114	VIRGIL WALTERS	R D 2 BOX 105A	NEW ALEXANDRIA	15670	PA
23-65-0115	KENNETH WALTERS	R D 2 BOX 105	NEW ALEXANDRIA	15670	PA
23-65-0154	ROBERT M LENHART	BOX 296B R D 1	NEW STANTON	15672	PA
23-65-0159	KENNETH H SNYDER	R D 1 BOX 136	CHAMPION	15622	PA
23-65-0170	HARRY R HARKER	R D 1	LIGONIER	15658	PA
23-65-0181	HERBERT R GUYER	R D 2 BOX 118	DERRY	15627	PA
23-65-0182	KING G KNUPP	R D 1 BOX 297	LIGONIER	15658	PA
23-65-0187	MEVLAN SINAN & SON	R D 3 BOX 46	EXPORT	15632	PA
23-65-0188	THOMAS HUNT	R D 1 BOX 257	LATROBE	15650	PA
23-65-0209	SPRING GROVE FM INC	R D 4	BELLE VERNON	15012	PA
23-66-0001	DONALD ARTHUR	154 LACEY ST	LACEYVILLE	18623	PA
23-66-0004	DONALD L WILLIAMS	R D 5	TUNKHANNOCK	18657	PA
23-66-0014	MR ARTHUR MORRISON	R D 2	LACEYVILLE	18623	PA
23-66-0024	CLIFFORD SANDS	R D 5	TUNKHANNOCK	18657	PA
23-66-0031	GREENLEY BROS	R D 2	TUNKHANNOCK	18657	PA
23-66-0046	WYDA BROS	R D 1	HARVEYS LAKE	18618	PA
23-66-0080	CHARLES KALINOWSKI	R D 4	TUNKHANNOCK	18657	PA
23-66-0083	FRED J KINTNER JR	R D 2	MEHOOPANY	18629	PA
23-66-0085	DONALD BARTH	R D 3	TUNKHANNOCK	18657	PA
23-66-0088	LEWIS CONSTABLE &SON	R D 1	LACEYVILLE	18623	PA
23-66-0106	T R DICKINSON	R D 3	TUNKHANNOCK	18657	PA
23-66-0117	TUNKHANNOCK FARM	R D 1	TUNKHANNOCK	18657	PA
23-66-0123	THOMAS J HARDING	R D 2	TUNKHANNOCK	18657	PA
23-66-0127	BERNARD&CHRIS MARTIN	R D 1	FALLS	18615	PA
23-66-0128	FRED & DALE SHUPP	R D 2	TUNKHANNOCK	18657	PA
23-66-0133	LAKE LOUISE FARMS	R D 1	TUNKHANNOCK	18657	PA
23-67-0003	GEO KNIGHT	R D 1	AIRVILLE	17302	PA
23-67-0004	SAM & DAVID STEWART	R D 1	DELTA	17314	PA
23-67-0021	FAWN VALLEY FARM	R D 1	FAWN GROVE	17321	PA
23-67-0067	SINKING SPRING FMINC	% H STEBBINS	R D 5 YORK	17402	PA
23-67-0075	RUTTER BROS	2100 NORTH GEORGE	YORK	17404	PA
23-67-0079	BESHORE FARMS	R D 1	NEW CUMBERLAND	17070	PA
23-67-0111	WALTER J MILLER	R D 2	DELTA	17314	PA
23-67-0112	HAROLD BROWN	R D 2	DELTA	17314	PA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
23-67-0127	ALBERT DEHOFF	R D 1	DALLASTOWN	17313	PA
23-67-0160	IRA L BOYER	110 BIESECKER RD	YORK	17404	PA
23-67-0161	EARL FUHRMAN	R D 3	HANOVER	17331	PA
23-67-0162	GUY A LEADER & SONS	100 LEADERS HTS RD	YORK	17403	PA
23-67-0182	ROY & FRANK FEESER	R D 2	HANOVER	17331	PA
23-67-0186	H E FETROW & SONS	R D 4	YORK	17404	PA
23-67-0190	HARRY W BLESSING	R D 1	WRIGHTSVILLE	17368	PA
23-67-0201	RODMAN C THOMPSON	R D 1	EAST BERLIN	17316	PA
23-67-0207	STUMP ACRES	R D 6	YORK	17404	PA
23-67-0226	ADRIAN RINEHART	R D 1	EAST BERLIN	17316	PA
23-67-0249	RICHARD SMYSER	R D 1	YORK	17404	PA
23-67-0260	LEROY BUPP	R D 2	SEVEN VALLEYS	17360	PA
23-67-0266	HIDDEN SPRINGS FARM	3161 ADNIRE ROAD	DOVER	17315	PA
23-67-0271	DENNIS L MC WILLIAMS	R D 2	SEVEN VALLEYS	17360	PA
23-67-0272	PALMER MCWILLIAMS JR	R D 2	SEVEN VALLEYS	17362	PA
23-67-0274	ELMER MYERS	R D 1	GLEN ROCK	17327	PA
23-67-0282	PAUL H MYERS JR	R D 1	THOMASVILLE	17364	PA
23-67-0292	PHILLIP D LAUGHMAN	R D 1	THOMASVILLE	17364	PA
23-67-0293	AVALONG FARMS INC	L L AMSPACHER R D	YORK	17402	PA
23-67-0296	PHILIP R STAMBAUGH	R D 1 BOX 17A	SPRING GROVE	17362	PA
23-67-0298	JOHN P WILCOX	R D 1	NEWPARK	17352	PA
23-67-0303	WAYNE B MUMMERT	R D 1	EAST BERLIN	17316	PA
23-67-0310	LYNN WOLF	R D 1	ABBOTTSTOWN	17301	PA
23-67-0316	DANIEL A ROHRBAUGH	R D 3	SPRING GROVE	17362	PA
23-67-0330	FRED FELTENBERGER	R D 4	YORK	17404	PA
23-67-7032	MC RAL DAIRY FARM	R D 1 BOX 87	EAST BERLIN	17316	PA
31-02-0001	CHANTICLEER FARMS	ROUTE 2	COLUMBUS GROVE	45830	OH
31-02-0007	ROBERT J. STRATTON	ROUTE 1	BLUFFTON	45817	OH
31-02-0320	LIMA STATE HOSPITAL		LIMA	45801	OH
31-02-0800	PAUL M. LONG & SONS	ROUTE 2	ADA	45810	OH
31-02-0840	H. L. PATTERSON	RT7.7040 ADA RD.	LAFAYETTE	45854	OH
31-02-9500	H.A. GOODMAN & SONS	3360 LIMA OTTAWA	LIMA	45801	OH
31-03-0011	TED HALL	ROUTE 1	LOUDONVILLE	44842	OH
31-03-0016	JOHN R SNODDY	ROUTE 3	W SALEM	44287	OH
31-03-0019	TED BECK	ROUTE 1	LOUDONVILLE	44842	OH
31-03-0026	NORMAN L.SPRANG	RT 1,BOX 139	PERRYSVILLE	44864	OH
31-03-0028	SPRENG BROTHERS	ROUTE 1, BOX 136	PERRYSVILLE	44864	OH
31-03-0048	JAMES RICHARDS		SULLIVAN	44880	OH
31-03-0083	GLENN HUTCHLER	ROUTE 2	LOUDONVILLE	44842	OH
31-03-0085	GAIL O. WOLF	ROUTE 2 BOX 93	ASHLAND	44805	OH
31-03-0086	OSU,MOORES-DEMONS.FM.	RON BAILEY,RT.2	JEROMESVILLE	44840	OH
31-03-0095	CARLTON J. HARPSTER	ROUTE 1	JEROMESVILLE	44840	OH
31-03-0106	RAY SWAISGOOD & SONS	ROUTE 1 BOX 226	POLK	44286	OH
31-03-0134	WILLIAM KEETS & SONS	ROUTE 4	ASHLAND	44805	OH
31-03-0300	HARPSTER BROS.	ROUTE 1	JEROMESVILLE	44840	OH
31-03-0330	HARLEY HEFFELFINGER	ROUTE 3	LOUDONVILLE	44842	OH
31-03-0495	PHILLIP A. KERR	R. D. 1	POLK	44866	OH
31-03-9040	EUGENE AND DEAN WELCH	ROUTE 1	POLK	44866	OH
31-03-9084	CHESTER A. JAMES	ROUTE 1	LOUDONVILLE	44842	OH
31-03-9120	DOJINAR FARMS INC.	ROUTE 1	LAKEVILLE	44638	OH
31-04-0033	LLOYD ABBURL	R D 1	WILLIAMSFIELD	44093	OH
31-04-0039	JOHN KEEP	ROUTE 2	DORSET	44032	OH
31-04-0042	A. J. PANKOWSKI & SON	ROUTE 2	ASHTABULA	44004	OH
31-04-0079	NOBLE K & LOREN D HOPKIN	RFD 2	KINSMAN	44280	OH
31-04-0084	PAMASON FARM	R.E.BAUER, RT.1	ANDOVER	44003	OH
31-04-0093	JOSEPH T. CLAY&SONS	ROUTE 1	WILLIAMSFIELD	44093	OH
31-04-0107	R. A. MOORE	RT. 1	WILLIAMSFIELD	44093	OH
31-04-0110	LEROY HURST	ROUTE 2	JEFFERSON	44047	OH
31-04-0117	DAVID RICE & SON		ANDOVER	44003	OH
31-04-0127	LAWRENCE V. HAWKINS	1141 EAGLEVILLE-JE	JEFFERSON	44047	OH
31-04-0450	DAVID KELLOGG		ROME	44085	OH
31-06-0016	ROBERT BALLWEG	ROUTE 1	BOTKINS	45306	OH
31-06-0021	CLOICE SMITH AND SON	ROUTE 2	WAPAKONETA	45895	OH
31-06-0032	ELTON ELSASS & D REGULA	ROUTE 5	WAPAKONETA	45895	OH
31-06-0036	THOMAS BENSMAN	RURAL ROUTE	MINSTER	45865	OH
31-06-0043	GEORGE BROWN	ROUTE 1	WAPAKONETA	45895	OH
31-06-0044	FERD BROWN JR.	ROUTE 1	WAPAKONETA	45895	OH
31-06-0049	DANA RICHARDSON	ROUTE 4	WAPAKONETA	45895	OH
31-06-0052	KENNETH SCHRDER	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-0056	PAUL BENSMAN	RURAL ROUTE	MINSTER	45865	OH
31-06-0058	LESTER SETTLAGE	ROUTE 2	ST. MARYS	45885	OH
31-06-0063	LESTER KRUSE	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-0070	JAMES PRUETER	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-0072	HAROLD BENSMAN	RURAL ROUTE	MINSTER	45865	OH
31-06-0083	GLENN WILLRATH	ROUTE 2	ST. MARYS	45885	OH
31-06-0084	LAWN CREST FARM	ROUTE 6	WAPAKONETA	45895	OH
31-06-0104	GOLDEN HILLS FARM	ELSHOFF DRIVE	ST. MARYS	45885	OH
31-06-0119	GEORGE RINEHART	R #5	WAPAKONETA	45895	OH
31-06-0126	WILLIAM STROH	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-0275	VERNON FLEDDERJOHANN	ROUTE 2	ST. MARYS	45885	OH
31-06-0400	L. HENSCHEN & SON	ROUTE 1	ST. MARYS	45885	OH
31-06-0450	REUBEN HIBNER	ROUTE 5	WAPAKONETA	45895	OH
31-06-0920	ROGER TAYLOR	ROUTE 1	WAPAKONETA	45895	OH
31-06-9002	LEGENDARY HOLSTEINS	ROUTE 1	WAPAKONETA	45895	OH
31-06-9024	ROGER ELSASS	ROUTE 5	WAPAKONETA	45895	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-06-9028	IVO OSTERLOH	ROUTE 1	MINSTER	45865	OH
31-06-9038	URBAN SCHNEIDER JR.	RT. 3 GLYNWOOD RD.	WAPAKONETA	45895	OH
31-06-9050	WILBERT BECKMAN	RURAL ROUTE	MINSTER	45865	OH
31-06-9081	DALE QUELLHORST	ROUTE 2	ST. MARYS	45885	OH
31-06-9094	MARVIN TOPP	RURAL ROUTE	NEW BREMEN	45869	OH
31-06-9475	WILSON & GENE SCHROLUCKE	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-9575	KENNETH J. EITING	ROUTE 1	MINSTER	45865	OH
31-06-9625	SILAS LAHMERS	ROUTE 1	NEW KNOXVILLE	45871	OH
31-06-9800	JOHN SCHLENKER	ROUTE 3	WAPAKONETA	45895	OH
31-07-0011	FRIENDS BOARDING SCHOOL	ROUTE 1	BARNESVILLE	43713	OH
31-07-0052	GEORGE L. PASSMORE	BOX 31	WARNOCK	43967	OH
31-07-9031	WILLIAM K HATKINS	ROUTE 1	BELMONT	43718	OH
31-08-0044	JAMES RATLIFF	ROUTE 1	WINCHESTER	45697	OH
31-09-0046	JOHN A.BROSIUS & SONS	3401 OXFORDTRENTN	OXFORD	45056	OH
31-09-0047	DON LAKE	OARTOWN ROAD	HAMILTON	45013	OH
31-09-0520	MADDOX AND RODEN	ROUTE 1	MIDDLETOWN	45042	OH
31-09-0760	MORRIS VAN GORDON	5550 PRINCETON RD	HAMILTON	45011	OH
31-09-0883	ROBERT COPELAND	6931 ALERT-NEW-LON	OKEANA	45053	OH
31-09-9480	LEWIS AND SONS	3025 HAMLTN MASON	HAMILTON	45011	OH
31-10-0040	TRI MO VALLEY FARMS	ROUTE 1	MINERVA	44657	OH
31-10-0061	PATRICIA J. DAWSON	ROUTE 1	CARROLLTON	44615	OH
31-10-0063	VERNON L. DEININGER	8096 LICKING RD. N	MALVERN	44644	OH
31-10-0070	STAN & RICH SNYDER	ROUTE 1	MALVERN	44644	OH
31-10-0150	DWIGHT M. DEVITT	ROUTE 2	CARROLLTON	44615	OH
31-10-0781	GARY FAWCETT	ROUTE 3	CARROLLTON	44615	OH
31-11-0148	ELDON & PAULINE GOINGS	7974 WESLEY CHAPLE	WEST LIBERTY	43357	OH
31-11-0163	DAIRY L F M & NEER	6822 W KANGG R	W LIBERTY	43357	OH
31-11-0167	DRAPER & KIRBY	4527 ST ROUTE 54	URBANA	43078	OH
31-11-0671	JAY W. BLUM	2019 RT. 54	URBANA	43078	OH
31-11-0983	GERALD L ASKEW	1216 ROUTE 55	URBANA	43078	OH
31-11-9133	DONALD ZERKLE & SON	RT.1 1362 N.DUGAN	URBANA	43078	OH
31-11-9139	JAMES PATTERSON	12409 ROSEDALE RD	MECHANICSBURG	43044	OH
31-11-9150	AYARS BROTHERS	12409 ROSEDALE RD	MECHANICSBURG	43044	OH
31-11-9476	KEN & WILFRED LEHMAN	ROUTE 1	W. LIBERTY	43357	OH
31-11-9731	W. A. SHIPLEY AND SON	4788 NO. RT. 68	URBANA	43078	OH
31-11-9935	C H GRAY & A C YODER	ROUTE 1	W LIBERTY	43357	OH
31-12-0006	YOUNGS JERSEY DAIRY	BOX 223,RT. 1	YELLOW SPG	45387	OH
31-12-0081	ROGER PHARES	ROUTE 1	SOUTH VIENNA	45502	OH
31-12-0086	SMITH AND BROOKHOUSE	2313 CRABILL RD.	SPRINGFIELD	45502	OH
31-12-0099	KUNKLE BROS.	2039 E. POSSUM RD	SPRINGFIELD	45502	OH
31-12-0570	C.V. MOORE	9836 SIGLER RD.	NEW CARLISLE	45344	OH
31-12-0705	LESTER D SNYDER	515 BISCHOFF ROAD	NEW CARLISLE	45344	OH
31-12-0720	CLARK STEWART AND SON	5632 E. PITCHIN	S. CHARLESTON	45368	OH
31-12-0810	FRED WEBER & SON	460 WEBER ROAD	SPRINGFIELD	45503	OH
31-12-9735	C.H.STICKNEY & SON	3743 E. HIGH ST.	SPRINGFIELD	45505	OH
31-14-0036	WILMINGTON COL. FARM	ROUTE 2 BOX 180-C	WILMINGTON	45177	OH
31-14-0040	GRANTSTEAD FARM, INC.	735 NO. CURRY RD.	WILMINGTON	45177	OH
31-14-0043	JACK L EIDEMILLER	ROUTE 1	WILMINGTON	45177	OH
31-14-0600	J.E.PENQUITE & SON	ROUTE 2	BLANCHESTER	45107	OH
31-14-9006	GEORGE GANO	ROUTE 1	MARTINSVILLE	45146	OH
31-14-9020	CHARLES OSTERMEIER	ROUTE 1	MIDLAND	45148	OH
31-14-9027	GRANTSTEAD FARM INC	735 NO. CURRY RD.	WILMINGTON	45177	OH
31-14-9300	RICHARD HAINES	ROUTE 3 POWERS RD	SABINA	45169	OH
31-14-9900	WILMINGTON COLLEGE FARM	3201 N SR68 LOT C	WILMINGTON	45177	OH
31-15-0029	RUSSELL COOK	ROUTE 2	LEETONIA	44431	OH
31-15-0040	ROBERT D.RENO	ROUTE 1	ENON VALLEY	16120	OH
31-15-0042	DEAN CAMPBELL	ROUTE 1	NORTH JACKSON	44451	OH
31-15-0092	LEO I DAVIS & SON	ROUTE 1	EAST ROCHESTER	44625	OH
31-15-0093	VALLEY VIEW FARM	ROUTE 5	SALEM	44460	OH
31-15-0094	CARL MILLER	ROUTE 2	COLUMBIANA	44408	OH
31-15-0110	WAYNE L. HERRON	ROUTE 2	SALEM	44460	OH
31-15-0111	ALBERT GORCHEFF	RT. 1 EUREKA RD.	COLUMBIANA	44408	OH
31-15-0124	DORIS STRYFFELER	ROUTE 2	BELOIT	44609	OH
31-15-0136	MAYNARD FALB	ROUTE 1	COLUMBIANA	44408	OH
31-15-0140	R.B. WOOLMAN		BELOIT	44609	OH
31-15-0167	LEE HAYNAM	ROUTE 1	E ROCHESTER	44625	OH
31-15-0171	WADE N. WEHR	12300 NEW BUFFALO	NORTH LIMA	44452	OH
31-15-0390	CHARLES F. HARRIS	ROUTE 3	SALEM	44460	OH
31-15-0455	CARL HERRON AND SONS	ROUTE 3	SALEM	44460	OH
31-15-0520	N. D. KARLEN	ROUTE 1	SALEM	44460	OH
31-15-0663	DICK RHODES	ROUTE 4	SALEM	44460	OH
31-15-9000	GLENN UNKEFER	ROUTE 2	COLUMBIANA	44408	OH
31-15-9071	WILLIAM T. MCKARNS	ROUTE 1	KENSINGTON	44427	OH
31-15-9086	LOWELL W. BAKER	ROUTE 1, BOX 115	SALEM	44460	OH
31-15-9101	HOWARD HOFF	ROUTE 3,BOX 286	CANFIELD	44406	OH
31-15-9673	W R RUPERT & SONS	NEW WATERFORD RD	NEW WATERFORD	44445	OH
31-15-9710	CAROLDALE FARMS	BOX 217	DAMASCUS	44619	OH
31-15-9874	PAUL D. WITHER	ROUTE 1	COLUMBIANA	44408	OH
31-16-0200	HOWARD HOSTETLER	ROUTE 2	NEWCOMERSTOWN	43832	OH
31-16-0900	WAYNE F ZIMMERMAN	ROUTE 2	NEWCOMERSTOWN	43832	OH
31-16-9125	ALFRED & C. DUNCAN	ROUTE 1	WARSAW	43844	OH
31-17-0013	BRUCE E HUTCHLER	BOX 8	OCEOLA	44860	OH
31-17-0037	DUANE & CLARANCE DICK	ROUTE 3	SHELBY	44875	OH
31-17-0500	RICHARD BECK	ROUTE 3	GALION	44833	OH
31-17-0700	JOHN SPRENG	ROUTE 2	BUCYRUS	44820	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-17-0750	PAUL R WAGNER	ROUTE 2	BUCYRUS	44820	OH
31-17-9008	WARREN GUNTHER	ROUTE 1	NEVADA	44849	OH
31-17-9200	ROBERT HARRER	ROUTE 1	NEW WASHINGTN	44854	OH
31-19-0002	LLOYD HARPEST	ROUTE 5	GREENVILLE	45331	OH
31-19-0039	THOMAS SNYDER & SONS	ROUTE 1 BOX 238	ARCANUM	45304	OH
31-19-0060	RICHARD WEISS	ROUTE 3	UNION CITY	47390	OH
31-19-0066	ARTHUR BRUENING & FAM	ROUTE 1	YORKSHIRE	45388	OH
31-19-0068	ORVILLE W. BORCHERS	ROUTE 1	VERSAILLES	45380	OH
31-19-0069	ROBERT F. HART & FAM.	ROUTE 4	GREENVILLE	45331	OH
31-19-0072	L.S.&DAVID KRUCKEBERG	ROUTE 5	GREENVILLE	45331	OH
31-19-0073	EDWARD BULCHER	ROUTE 1, BOX 6	ROSSBURG	45362	OH
31-19-0081	JOSEPH M. MILLER	ROUTE 1, BOX 38	NEW MADISON	45346	OH
31-19-0442	FLOYD E. LIVINGSTON	ROUTE 5 BOX 76	UNION CITY	47390	OH
31-19-0595	JOHN D. MUNN, JR.	ROUTE 1	ARCANUM	45304	OH
31-19-0896	SCOTT MORRIS	ROUTE #2	ARCANUM	45304	OH
31-19-9029	ELMER A LONGENECKER	ROUTE 1	LAURA	45337	OH
31-19-9697	HAROLD H. PETRY	ROUTE 1	NEW MADISON	45346	OH
31-19-9816	HERMAN STOCKSDALE	ROUTE 1	UNION CITY	47390	OH
31-20-0014	VICTOR NORDEN	ROUTE 4	DEFIANCE	43512	OH
31-20-9026	R. BOCKELMAN & SONS	ROUTE 2	NAPOLEON	43545	OH
31-21-0029	THOMAS HALL	ROUTE 1	POWELL	43065	OH
31-21-0036	R A FICHTELMAN	16842 MERIDITH RD	SUNBURY	43074	OH
31-21-0048	RICHARD BAUDER	ROUTE 1	POWELL	43065	OH
31-21-0064	JOE CONKLIN	ROUTE 2	OSTRANDER	43061	OH
31-21-0069	DAWN VIEW DAIRY	ROUTE 2	SUNBURY	43074	OH
31-21-9024	IDEAL JERSEY FARM	ROUTE 5	DELAWARE	43015	OH
31-22-0006	ROBERT E. SCHAEFFER	ROUTE 2	SANDUSKY	44870	OH
31-22-9002	WALTER E. ROWLAND	ROUTE 1	BELLEVUE	44811	OH
31-22-9004	JIM KUNS	ROUTE 1	CASTALIA	44824	OH
31-22-9019	ROBERT W. MOSER	ROUTE 4	BELLEVUE	44811	OH
31-22-9028	W. JAMES KNAPP	ROUTE 1	CASTALIA	44824	OH
31-23-0009	CARL BEERY	ROUTE 1	LANCASTER	43130	OH
31-23-0091	LESTER AND EARL	WILDERMUTH,RT.1	CANAL WNCHSTR	43110	OH
31-23-0052	ETY BROTHERS	ROUTE 3	LANCASTER	43130	OH
31-23-9081	CARPENTER BROTHERS	5745 BURCHEY RT.2	BALTIMORE	43105	OH
31-23-9095	NEAL F SCHIRM	GENDER RD	CANAL WNCHSTR	43110	OH
31-23-9160	W H DILEY & SONS		CANAL WNCHSTR	43110	OH
31-24-0006	ROBERT PERO	ROUTE 2	WASHINGTON CH	43160	OH
31-26-0006	LOWELL BREHM	ROUTE 1 BOX 67	SWANTON	43558	OH
31-26-0018	DALE SCHROEDER	ROUTE 4	WAUSEON	43567	OH
31-26-0048	MAX GARROW	ROUTE 1	MORENCI	49256	OH
31-26-0083	DARRELL E KNISELY	ROUTE1 BOX 184	FAYETTE	43567	OH
31-26-0094	ROGER LAUBER	RT 3 BOX 175	ARCHBOLD	43502	OH
31-26-0400	B. NAGEL & C. JONES	R.R. 2	WAUSEON	43567	OH
31-26-0902	MILAN ONWELLER	ROUTE 2	MORENCI	49256	OH
31-26-9004	LEROY LEININGER &SONS	RURAL ROUTE 2	FAYETTE	43521	OH
31-26-9007	WAVE TEDROW AND SONS	ROUTE 2, BOX 309	DELTA	43515	OH
31-26-9075	K.KING & H.SCHMUCKER	ROUTE 5 BOX 207	WAUSEON	43567	OH
31-26-9390	IVAN D. NAFZIGER	ROUTE 2, BOX 74	ARCHBOLD	43502	OH
31-27-0023	GALLIPOLIS ST. INST.	ATTN. J. A. HOOD	GALLIPOLIS	45631	OH
31-28-0002	FRANK ADAMS & SON		HUNTSBURG	44046	OH
31-28-0012	CHARLES KORITANSKY		CHARDON	44024	OH
31-28-0026	LLOYD E OBER	OBERLAND FARM	NEWBURY	44065	OH
31-28-0029	EDWARD E.HALE	HALE RD. RT.2	BURTON	44021	OH
31-28-0030	VERNON HOWARD	9574 BAINBRIDGE RD	CHAGRIN FALLS	44022	OH
31-28-0060	JERRY MITCHELL	17248 MUNN ROAD	CHAGRIN FALLS	44022	OH
31-28-0061	FRANK E SPENCER	ROUTE 1	CHARDON	44024	OH
31-28-0075	CAVANAGH FARMS	ROUTE 1	BURTON	44021	OH
31-29-0660	GENE & LOURIS STRALEY	ROUTE 2	CEDARVILLE	45314	OH
31-29-9029	O.S. AND S.O. HOME		XENIA	45385	OH
31-29-9360	O.KYLE & MONROE PYLES	ROUTE 1	CEDARVILLE	45314	OH
31-30-0780	R. WAYNE MOORE	ROUTE 6	CAMBRIDGE	43725	OH
31-31-0007	EUGENE ROELL AND SON	ROUTE 4, BOX 80	HARRISON	45030	OH
31-31-0300	KNOLLMAN FARM INC.	7218 MILLEY RD.	HAMILTON	45013	OH
31-31-9001	JAMES K. HEIDRICH	5932 MUDDY CK.RD.	CINCINNATI	45238	OH
31-31-9042	MRS. T. H. CARRUTHERS	190 CORAL AVENUE	GLENDALE	45246	OH
31-32-0016	LORENZ VON STEIN		RANSON	45881	OH
31-32-9012	R W WISELEY	ROUTE 3	FINDLAY	45840	OH
31-32-9690	CLARENCE & DAN SHOOP	ROUTE 2 BOX 145	MCCONB	45858	OH
31-32-9780	SPAHR JERSEY FARM	ROUTE 2	FINDLAY	45840	OH
31-33-0009	R.BARNES & B.JONES	ROUTE 4	KENTON	43326	OH
31-33-0029	M. DEAN DULIN	ROUTE 2	KENTON	43326	OH
31-33-0031	GENE HEDERTZ	ROUTE 2	KENTON	43326	OH
31-33-0038	PAUL SHICK AND	JAY E. PFEIFFER	KENTON	43326	OH
31-33-0770	TURNER AND MERRIMAN	ROUTE 4	KENTON	43326	OH
31-33-9019	ROBERT E. JUMP	ROUTE 1	ADA	45810	OH
31-33-9026	HAROLD LUSK	FOREST HILL FARM	MT VICTORY	43340	OH
31-33-9175	PAUL E. DIRKSON & SON	ROUTE 2	KENTON	43326	OH
31-34-0012	ARTHUR ARBAUGH & SONS	ROUTE 1	JEWETT	43986	OH
31-34-0018	H J BURDETTE	ROUTE 1	TIPPECANOE	44699	OH
31-34-0023	LUCILE KAIL HENARY	ROUTE 1	JEWETT	43986	OH
31-34-9024	HORACE STEWART	BOX 334	JEWETT	43986	OH
31-35-0018	LAWRENCE GERKEN	ROUTE 1	HOLGATE	43527	OH
31-35-0026	JOHN MILLER	ROUTE 3	DEFIANCE	43512	OH
31-35-0100	ROBERT CLADY	ROUTE 2	HOLGATE	43527	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-35-9008	MILLAND FARMS INC.	ROUTE 1	NAPOLEON	43545	OH
31-35-9013	HOOF P.FM. MCCLURE D.	2521 MIDDLESEX DR	TOLEDO	43606	OH
31-35-9024	LEE C. MILLER	ROUTE 1	MC CLURE	43534	OH
31-36-0009	DAVID W. CAPLINGER	ROUTE 1	HILLSBORO	45133	OH
31-36-0012	PROUDY AND WALKER	ROUTE 2,BOX 12A	HILLSBORO	45133	OH
31-36-0640	DONNIE MILBURN	ROUTE #6	HILLSBORO	45133	OH
31-36-9002	MAYNARD&LOWELL DICKEY	ROUTE 2	HILLSBORO	45133	OH
31-38-0017	ROY SCHLEGEL	ROUTE 1	SHREVE	44676	OH
31-38-0020	VERNON D. KLINE	ROUTE 2	SHREVE	44676	OH
31-38-0034	WARREN MASSIE	ROUTE 1	LAKEVILLE	44638	OH
31-38-0079	ROBERT SCHLABACH	ROUTE 1	SUGARCREEK	44681	OH
31-38-0107	HUNSBERGER BROS.	ROUTE 2, BOX 118	SHREVE	44676	OH
31-38-0114	BLAKE AND PAUL BOYD	ROUTE 4	MILLERSBURG	44654	OH
31-38-0127	JOE L. MILLER	ROUTE 4	MILLERSBURG	44654	OH
31-38-0135	LEVI E.L. HERSHBERGER	RT. 4	MILLERSBURG	44654	OH
31-38-0158	H H WELLS & SONS	ROUTE 1	BIG PRAIRIE	44611	OH
31-38-0280	WENDEL W. LANG	ROUTE 1	BIG PRAIRIE	44611	OH
31-38-0700	FLOYD WACHTEL& FAMILY	ROUTE 1	BIG PRAIRIE	44611	OH
31-38-9001	DALE W. KAUFFMAN	ROUTE 2	SHREVE	44676	OH
31-38-9035	ROBT.L.STEVEN D.WATTS	ROUTE 1	KILLBUCK	44637	OH
31-38-9071	RALPH W.HERMAN	ROUTE 2	FREDERICKSBG	44627	OH
31-38-9210	LOCUST HILL FARM	RT. 1	BIG PRAIRIE	44611	OH
31-39-0047	RALPH STONE	ROUTE 1	NEW LONDON	44851	OH
31-39-0067	GEORGE DALTON & SONS	ROUTE 1	WAKEMAN	44889	OH
31-39-0068	VINCENT SMITH	ROUTE 3	WAKEMAN	44889	OH
31-39-0140	GEORGE R. CAMRSE	ROUTE 2	NEW LONDON	44851	OH
31-39-0280	DONALD DIVINS	ROUTE 2	WAKEMAN	44889	OH
31-39-0395	DALWOOD FARM	RT. 3	WAKEMAN	44889	OH
31-39-9019	KENTON SHERMAN	ROUTE 1	BELLEVUE	44811	OH
31-39-9020	ALLEN ALBRIGHT & FMLY	ROUTE 1	WILLARD	44890	OH
31-39-9040	CLAUDE A BAUER & SON	ROUTE 1	WILLARD	44890	OH
31-39-9062	ROGER SCHUG	RT. 2	MONROEVILLE	44847	OH
31-39-9120	PAUL & ED BEILER	ROUTE 1	BELLEVUE	44811	OH
31-39-9320	CHESTNUT RIDGE FARM	RT. 1	BELLEVUE	44811	OH
31-39-9620	LAWRENCE JERSEYS	RT. 3	NORWALK	44857	OH
31-41-0700	SMITH & WEST	ROUTE 1	DILLIONVALE	43917	OH
31-42-0025	BRYANT & SPERRY	ROUTE 3	MT VERNON	43250	OH
31-42-0041	J W LEVENGOOD & SONS	SALEM RD. RT. 3	FREDERICKTOWN	43019	OH
31-42-0048	D.D. DANIELS	ROUTE 2	HOWARD	43028	OH
31-42-0082	DALE SNELL	ROUTE 3	FREDERICKTOWN	43019	OH
31-42-0086	RUSSELL BURBICK	ROUTE 2	BUTLER	44822	OH
31-42-0108	HOWARD WILSON	RT. 1	BELLVILLE	44813	OH
31-42-0931	MARVIN WARNER	13850 LUCERNE ROAD	FREDERICKTOWN	43019	OH
31-42-0934	WILLIAM LARIMORE	6607 SIMMONS-CHURC	CENTERBURG	43011	OH
31-42-9005	JW HEALEA WARWICK FM	ROUTE 1	MT. VERNON	43050	OH
31-42-9031	MRS.H.C.BOUTON & SONS	ROUTE 2	MT. VERNON	43050	OH
31-42-9034	ROYAL RIDGE JERSEYS	RT. 2	FREDERICKTOWN	43019	OH
31-42-9062	KIRKS HOLSTEIN FARM	ROUTE 2	MT. VERNON	43050	OH
31-42-9076	NOBLE HERITAGE FARMS	ROUTE 3	MT. VERNON	43050	OH
31-42-9105	AURORA HIGHLAND DAIRY	ROUTE 1	WALHONDING	43843	OH
31-42-9325	G S & E F COLOPY	GLEN OAKS FARMS	DANVILLE	43014	OH
31-42-9777	CHAS.C.PHILLIPS&SONS	ROUTE 2	MT. VERNON	43050	OH
31-45-0017	STUART N. BOYARD	ROUTE 1	UTICA	43080	OH
31-45-0045	LOY M. SMITH	SMITH MEADOWS FM	CROTON	43013	OH
31-45-0086	A.L. BLATTER	ROUTE 1	HEBRON	43025	OH
31-45-0096	A. N. KNICELY	ROUTE 1	ST LOUISVILLE	43071	OH
31-45-0513	BENNETT O. LEES &SONS	ROUTE 1	HEBRON	43025	OH
31-45-9035	Y BROOK FARM	ROUTE 3	NEWARK	43055	OH
31-45-9072	SALLIE J. SEXTON	RT. 2 NEWARK RD.	GRANVILLE	43023	OH
31-46-0006	MAIER BROS.	ROUTE 1	HUNTSVILLE	43324	OH
31-46-0009	GLENN O OUTLAND	ROUTE1	HUNTSVILLE	43324	OH
31-46-0042	J. R. RENICK AND SON	ROUTE 1	LEWISTOWN	43333	OH
31-46-0112	JOHN JACKSON AND SON	ROUTE 1	DE GRAFF	43318	OH
31-46-0132	MR&MRS WATKINS & SON	ROUTE 2	BELLEFONTAINE	43311	OH
31-46-0143	KEN AND DAVE KAUFFMAN	ROUTE 2	W. LIBERTY	43357	OH
31-46-0153	WILLIAM THOMAS	ROUTE 3	BELLEFONTAINE	43311	OH
31-46-0155	DAVID ACKLEY	ROUTE 1	WEST LIBERTY	43357	OH
31-46-0480	DANIEL&JOE LEHMAN	ROUTE 1	WEST LIBERTY	43357	OH
31-46-0630	SCHLUMBOHM & HILLIKER	ROUTE 2	DEGRAFF	43318	OH
31-46-0810	PAUL WISH	ROUTE 4	BELLEFONTAINE	43311	OH
31-46-9079	L.A. DAVIDSON &SON	ROUTE 1	QUINCY	43343	OH
31-46-9130	ROBERT ACKLEY	ROUTE 1	EAST LIBERTY	43319	OH
31-47-0035	EARL PRENTISS	ROUTE 3	WELLINGTON	44090	OH
31-47-0048	FIRELANDS FARM	ROUTE 2	AMHERST	44001	OH
31-47-0064	PIPPERT BROTHERS	ROUTE 3	WAKEMAN	44889	OH
31-47-0076	JIM SHEFFIELD	ROUTE 2, BOX 49	WELLINGTON	44090	OH
31-47-0144	KENNETH C. BRILL	RT. 1	WELLINGTON	44090	OH
31-47-0252	JOHN DOVIN	ROUTE 1	OBERLIN	44074	OH
31-47-0432	H&W DAIRY FARM	593 COOLEY ROAD	GRAFTON	44044	OH
31-47-0756	LAWRENCE SNYDER	ROUTE 1	NEW LONDON	44851	OH
31-47-0816	TRINTER BROTHERS	TRINTER ROAD	VERMILION	44089	OH
31-47-0913	PAUL D. WACKER & SONS	ROUTE 1	NEW LONDON	44851	OH
31-47-9004	MR. & MRS. MIKE YARDSH	ROUTE 2	WELLINGTON	44090	OH
31-47-9009	LOUIS ABAHAZI	ROUTE 1, BOX 127	LAGRANGE	44050	OH
31-47-9039	WILLIAM A. PATTON	ROUTE 1	NEW LONDON	44851	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-47-9084	BEDEBE FARMS INC.	ROUTE 2	WELLINGTON	44090	OH
31-47-9150	ROBT. & CHAS. BRILL	ROUTE 1 BOX 76	WELLINGTON	44090	OH
31-47-9624	PICKWORTH BROS.	P.O.PICKWORTH R.2	WELLINGTON	44090	OH
31-47-9708	HARRY ROWLAND	ROUTE 3,BOX 182	WELLINGTON	44090	OH
31-49-0007	PORSCHET & NICOL	%L.PORSCHET RT.1	PLAIN CITY	43064	OH
31-49-0019	ARTHUR FISHER & SONS	ROUTE 1	LONDON	43140	OH
31-49-0043	CORKWELL & MC KAY	ROUTE 3	MT STERTING	43143	OH
31-49-0056	WALTER PARKER	1901 JONES ROAD	HILLIARDS	43026	OH
31-49-0078	RUSSELL SHANNON	ROUTE 3	MT. STERLING	43143	OH
31-49-0089	DON & RICHARD EBERHARD	ROUTE 2	MECHANICSBURG	43044	OH
31-49-9018	ROBERT D SOMMERS & FMLY	COGNIAC FARM	LONDON	43140	OH
31-49-9033	LONDON PRISON FARM	% MR. TAYLOR	LONDON	43140	OH
31-49-9035	F.SCHEIDERER&SON	R2,B136 B.G.PK	PLAIN CITY	43064	OH
31-49-9040	DONALD DEVER	3868 WALKER RD.	HILLIARDS	43026	OH
31-49-9063	OHIO STATE UNIVERSITY	625 STADIUM DRIVE	COLUMBUS	43210	OH
31-49-9066	L. AND J. FARMS INC.	3535 WALKER ROAD	HILLIARDS	43026	OH
31-49-9070	W.GANTZ,H.MARTINDALE	8955 L-GP RD R.2	GROVE CITY	43123	OH
31-49-9071	BENDMEAD FARM	2831 FRAZELL RD.	HILLIARDS	43026	OH
31-49-9720	DON POWER FARM	% LYNN YOCOM	GALLOWAY	43119	OH
31-51-0046	DONALD H LAWRENCE	2699 PATTEN PIKE	MARION	43302	OH
31-51-9026	MARION CORRECTIONAL	INST %HARRY EARL	MARION	43305	OH
31-52-0006	KNOWLDEN FARMS	ROUTE 2	SPENCER	44275	OH
31-52-0036	GILBERT WOLF	1636 COLUMBIA RD	VALLEY CITY	44280	OH
31-52-0056	JERRY NEWCOMER	8160 TOWER RD.	SEVILLE	44273	OH
31-52-0064	ROGER MORLOCK	ROUTE 1, BOX 205	VALLEY CITY	44280	OH
31-52-0083	WESTBROOK FARM	9590 DANIELS RD.	SEVILLE	44273	OH
31-52-0089	GLAD-VALLEY FARM	MR. LINTER, RT 2	SEVILLE	44273	OH
31-52-0092	RICHMAN FARMS	ROUTE 1 BOX 194	LODI	44254	OH
31-52-0106	HIGH MAPLE FARM	ROUTE 3	WEST SALEM	44287	OH
31-52-0114	CHARLES E GEORGE	ROUTE 2	SEVILLE	44273	OH
31-52-0115	CLETUS GARVER	RT 1 BOX 42	NOVA	44859	OH
31-52-0118	EDIS LYONS	ROUTE 2	SPENCER	44275	OH
31-52-0273	J.O. FENSTERMAKER	ROUTE 1	HOMERVILLE	44235	OH
31-52-0488	PAUL KRUGGEL & SONS	4720 AVON LAKE RD	LITCHFIELD	44253	OH
31-52-0546	JOHN W. LONG	2619 REIMER RD.OK	WADSWORTH	44281	OH
31-52-0624	FLOYD NEWCOMER	8500 GUILFORD ROAD	SEVILLE	44273	OH
31-52-9041	HOMER H HANGE	ROUTE 1	SPENCER	44275	OH
31-52-9078	LEONARD BEERY	3660 SEVILLE R.R1	SEVILLE	44273	OH
31-52-9096	DON CROCKER AND SONS	66 STATION RD.RT1	VALLEY CITY	44280	OH
31-52-9351	GRIESHEIMER BROS	2659 MARKS ROAD	VALLY CITY	44280	OH
31-52-9455	MT D PRODUCTS FARM DIV	6112 GRAFTON ROAD	VALLEY CITY	44280	OH
31-52-9650	H.B. OWEN & SON	% HAROLD OWEN	HOMERVILLE	44235	OH
31-53-0028	SUNNYSAGE FARMS	ROUTE 1	RACINE	45771	OH
31-53-9005	EDSON ROUSH	ROUTE 1	RACINE	45771	OH
31-54-0004	LEONARD A BRUNS	ROUTE 1	FT LORAMIE	45540	OH
31-54-0036	LEO KUNK	ROUTE 1	MARIA STEIN	45860	OH
31-54-0106	AUGUST DUES JR	ROUTE 1	STHENRY	45883	OH
31-54-0260	NORBERT DUES	ROUTE 1	COLDWATER	45828	OH
31-54-0740	JOHN AND DON SMITH	BOX 137 ROUTE 3	CELINA	45822	OH
31-54-0780	MARK STOSE	ROUTE 3, BOX 50	CELINA	45822	OH
31-54-0898	MELVIN EVANS	ROUTE 1	FT. RECOVERY	45846	OH
31-54-9002	OTHMAR FULLENKAMP	ROUTE 1, BOX 192	MARIA STEIN	45860	OH
31-54-9012	ROBERT E HIGH	ROUTE 1,BOX 102	MENDON	45862	OH
31-54-9052	JESSE STOCKDALE	ROUTE 5 , BOX 178	UNION CITY	47390	OH
31-54-9270	CARL FORTKAMP	ROUTE 1, BOX 293	COLDWATER	45828	OH
31-54-9755	ST. CHARLES SEMINARY	CARTHAGENA STA.	CELINA	45822	OH
31-54-9760	ST. MARYS NOVITIATE	CARTHGENA STATION	CELINA	45822	OH
31-55-0005	MELVIN FISHER	5200 W.ST.RT.41	COVINGTON	45318	OH
31-55-0034	O.GOODEN-RYBURN FM.	2773 N.DEWEESE RD	TROY	45373	OH
31-55-0045	CHARLES KINGREY	4673 E WALNUT GRD	TROY	45373	OH
31-55-0050	BRUCE IDDINGS	2225 N. RENCH RD.	LUDLOW FALLS	45339	OH
31-55-0053	PAUL YINGST	5692 W HORESHOE BE	LUDLOW FALLS	45339	OH
31-55-0071	JOHN E. MILLER	9280 MILTON POTSDA	W. MILTON	45383	OH
31-55-0285	DALEN HOOVER	8385 N.ST.RT. 721	BRADFORD	45308	OH
31-55-9037	RUSSEL L. BAKER	3075 E. RUSK RD.	TROY	45373	OH
31-55-9390	JOHN J.&HUGH E.KNOOP	8877 N.NEWHOPE RD	PLETCHER	45326	OH
31-56-0023	CARL BIGLER	ROUTE 1	POWHATAN	43942	OH
31-56-9024	WINDEHERE FARM	ROUTE 2	JERUSALEM	43747	OH
31-57-0010	GRUSENMEYER BROTHERS	8625 BRANDT PK	DAYTON 24	45424	OH
31-57-0011	HAROLD EBY	ROUTE 2 BOX 53	GERMANTOWN	45327	OH
31-57-0014	DIRK HARMS	ROUTE 3	BROOKVILLE	45309	OH
31-57-0045	HAROLD LEIS	ROUTE 1	FARMERSVILLE	45325	OH
31-57-0046	D.W. & D.L. MICHAEL	ROUTE 1	FARMERSVILLE	45325	OH
31-57-0048	ROGER MILLIKIN	ROUTE 1, BOX 252	W ALEXANDRIA	45381	OH
31-57-0051	KENNETH R EBY	ROUTE 1	FARMERSVILLE	45325	OH
31-57-9019	D.R. COFFMAN & SON	ROUTE 1	FARMERSVILLE	45325	OH
31-58-0030	WILLIAM R CHIPPS	ROUTE 1	BEVERLY	45715	OH
31-59-0030	LOREN LINDER	ROUTE 1	EDISON	43320	OH
31-59-0031	BRUCE LEVERING	ROUTE 2	FREDERICKTOWN	43019	OH
31-59-0033	DEPALD HOUK	ROUTE 1	MT GILEAD	43338	OH
31-59-0063	CLARENCE GRUBER	ROUTE 1	EDISON	43320	OH
31-59-9840	PLEIADES FARMS	ROUTE 3	MT GILEAD	43338	OH
31-60-9036	JOHN M. S.MILLER	BOX 16,ROUTE 1	MT.PERRY	43760	OH
31-65-0002	HERMAN HINES	ROUTE 4	CIRCLEVILLE	43113	OH
31-65-0044	WAYNE PARKER	ROUTE 82	CIRCLEVILLE	43113	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-65-0049	ROBERT L HAMILTON	ROUTE 1	CLARKSBURG	43115	OH
31-65-0949	ANDY STEVENS	ROUTE 1	WILLIAMSPORT	43164	OH
31-65-9022	ORIENT STATE HOSPITAL		ORIENT	43146	OH
31-67-0025	NORMAN ALGER	ROUTE 1 BOX 21	MANTUA	44255	OH
31-67-0029	PAUL W. BERGEN	702 ST. RT. 44	HARTVILLE	44632	OH
31-67-0034	PAUL RHOADES JR.	118 HOWE RD.	KENT	44240	OH
31-67-0036	DONALD H. MCCARTHY	ROUTE 2, BOX 234	GARRETTSVILLE	44231	OH
31-67-0040	JOHNSTONS JERSEYS	9720-U.S. 224	DEERFIELD	44411	OH
31-67-0405	SPARBROOK FARM	ROUTE 1, BOX 247	GARRETTSVILLE	44231	OH
31-67-0828	GRAC - GLEN FARMS	7370 ST. RT. 44	RAVENNA	44266	OH
31-67-0855	W. C. TOMLINSON JR.	ROUTE 6	RAVENNA	44266	OH
31-67-9017	ARTHUR HARVILLE	3595 COOK ROAD	ROOTSTOWN	44263	OH
31-67-9019	ANNZIBAR FARM	5930 VAIR ROAD	RAVENNA	44266	OH
31-67-9031	KAUFMAN FARMS	8511 SEASONS ROAD	STREETSBORO	44240	OH
31-68-0013	W.H. MARTIN & M.E. SIMS	5003 BROCKLANE	DAYTON	45415	OH
31-68-0038	PAUL PROESCHEL	ROUTE 1	CAMDEN	45311	OH
31-68-0041	ORVILLE PHELPS	ROUTE 3	W ALEXANDRIA	45381	OH
31-68-0062	HERD L.BENNETT FAMILY	ROUTE 3	EATON	45320	OH
31-68-0074	THOMAS & ROBT YEAZEL	ROUTE 2 BOX 261	EATON	45320	OH
31-68-0375	DONALD GUCKIAN	ROUTE 4	EATON	45320	OH
31-68-0825	CLARENCE ULRICH	ROUTE 2	W ALEXANDRIA	45381	OH
31-68-0887	VIRGIL WITHROW	487 SEVEN MILE RD	EATON	45320	OH
31-68-9047	FRED ERHARDT JR.	R.1 2784 VANTRUMP	SOMERVILLE	45064	OH
31-69-0015	LOUIS KNUEVEN	ROUTE 4	LEIPSIC	45856	OH
31-69-0300	FLOYD C. GROFF	ROUTE 3	CONTINENTAL	45831	OH
31-70-0002	BILL BIERLY	ROUTE 1	SHELBY	44875	OH
31-70-0014	E.J.RINEHART	ROUTE 1	GALION	44833	OH
31-70-9013	RALPH TURLEY MGR.	1030 MARION AVE. R	MANSFIELD	44906	OH
31-70-9015	JOHN SIMMONS	ROUTE 2	BELLVILLE	44813	OH
31-71-0005	R. & H. ESELGROTH	%R.ESELGROTH R.6	CHILLICOTHE	45601	OH
31-71-0024	DAVID CLIMER	ROUTE 1	CLARKSBURG	43115	OH
31-72-0014	WILENA FARMS	2027 E STATE ST.	FREMONT	43420	OH
31-72-0015	R WIDMAN	2466 CR 128	FREMONT	43420	OH
31-72-0018	FAIRVIEW FRM.A.NUHFER	770 E.MAIN ST.RT1	WOODVILLE	43469	OH
31-72-0063	ROBERT BINGER	5038E CR 113	CLYDE	43410	OH
31-72-0100	EVANLEE DEININGER	ROUTE 2	GIBSONBURG	43431	OH
31-72-9016	NORMAN WIDMAN	787 W.C.R.109,RT1	FREMONT	43420	OH
31-72-9017	HOWARD KING & FAMILY	3119 CR 174 ROUTE	FREMONT	43420	OH
31-72-9019	LOUIS F SMITH	1538 C R 100	FREMONT	43420	OH
31-72-9027	ETHEL T. HAVENS	ROUTE 1,C.R.41	HELENA	43435	OH
31-72-9037	NORMAN F. PHILLIPS	ROUTE 1	RISINGSUN	43457	OH
31-72-9039	J. D. & K. E. HAVENS	4293 TIFFIN RD.R2	FREMONT	43420	OH
31-72-9043	H. S. OVERMYER & SONS	ROUTE 1	LINDSEY	43442	OH
31-74-0059	TIFFIN STATE HOSPITAL	BOX 8	TIFFIN	44883	OH
31-74-0074	GERALD RUTH HOEPF & SONS	ROUTE 4 BOX 356	TIFFIN	44883	OH
31-74-0315	MERLE HUNKER	ROUTE 5	TIFFIN	44883	OH
31-74-9005	JEAN LEMMERMAN & SONS	ROUTE 4	TIFFIN	44883	OH
31-74-9045	FLAT ROCK CHILDRENS HOME		FLAT ROCK	44828	OH
31-75-0016	MAURICE BELL	ROUTE 5	SIDNEY	45365	OH
31-75-0017	VICTOR SCHMERGE	ROUTE 1	BOTKINS	45306	OH
31-75-0050	MAXVIEW DAIRY FARM	ROUTE 1	CONOVER	45317	OH
31-75-0054	MEYER FARM	ROUTE 1	ANNA	45302	OH
31-75-0059	RALPH MAURER	ROUTE 1	BOTKINS	45306	OH
31-75-0210	FRANK CUMMINGS	ROUTE 5	SIDNEY	45365	OH
31-75-0385	TRIO FARMS, INC.	ROUTE 1	BOTKINS	45306	OH
31-75-0490	EUGENE KREBS	ROUTE 1	BOTKINS	45306	OH
31-75-0560	EDWARD MAURER	ROUTE 1	KETTLERSVILLE	45336	OH
31-75-9046	RICHARD PETERS	ROUTE 3	SIDNEY	45365	OH
31-75-9056	DORLOY-HOLSTEIN FM R1	L.W.EPPERLY &SONS	FT. LORAMIE	45845	OH
31-75-9280	NORBERT C DELOYE	ROUTE 1	FT LORAMIE	45845	OH
31-75-9665	GERDONNE FARMS.	ROUTE 5	SIDNEY	45365	OH
31-75-9700	NORBERT PLIEMAN	ROUTE 1	FORT LORAMIE	45845	OH
31-76-0058	GLASALEE FARM	6799 N.PLATE N.E.	LOUISVILLE	44641	OH
31-76-0064	DWAYNE RABER	1020 BAYTON STNE	ALLIANCE	44666	OH
31-76-0078	ARTHUR S. WOLCOTT	10388SHEPLER R SW	BOLIVAR	44612	OH
31-76-0089	MASSILLON STATE HOSP.	%MCKENZIE BOX 540	MASSILLON	44646	OH
31-76-0099	MALVERN DONAT	ROUTE 2	NAVARRE	44662	OH
31-76-0101	ROY H. WATSON	ROUTE 1	HOMEWORTH	44634	OH
31-76-0104	PAUL STOCKERT	15274 WARWICK DR.	CANAL FULTON	44614	OH
31-76-0113	CYRILLAS SMITH	1723 SCHNEIDERN.E	NORTH CANTON	44721	OH
31-76-0130	D. & D. LAUTZENHEISER	3607 PARKS AVE. NE	LOUISVILLE	44641	OH
31-76-0131	PAUL RAMSEY	7632 COLUMBUS DR.	LOUISVILLE	44641	OH
31-76-0375	MAREVA FARM INC	8101 STATE STREET	LOUISVILLE	44641	OH
31-76-0706	WM. RUEGG	2955 MANCHSTR NW	N LAWRENCE	44666	OH
31-76-9004	ELGENDALE FM.G.DAWSON	7070 NICKELPLATE	LOUISVILLE	44641	OH
31-76-9005	R. FLOYD PARRISH	7136 OAKHILL AVE	MAXINO	44650	OH
31-76-9015	NICHOLAS EVANWICH	2871 FOX AVE. S E	AINERVA	44657	OH
31-76-9044	MARVIN L.COOK,RT.1	8395 MAPLEHURST	EAST SPARTA	44626	OH
31-76-9090	DEAN GOODMAN	7633 HUDSON DR.SW	NAVARRE	44662	OH
31-76-9095	RUSSELL P. KAHLER	10083 KENT AVE NE	HARTVILLE	44632	OH
31-76-9119	DONALD E. HOWMAN	14376 SOUSA ST.NW	N. LAWRENCE	44666	OH
31-76-9150	CAMPBELL BROS.	3821 UNION N. E.	HOMEWORTH	44634	OH
31-76-9425	APPLE ACRES FARM	2504 BRUMBAUGH ST	NORTH CANTON	44720	OH
31-76-9550	MARTIG FARMS	7200 RAVENNA AVE	LOUISVILLE	44641	OH
31-78-0016	ALVIN KLINGENSMITH	ROUTE 1	LEAVITTSBURG	44430	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-78-0037	E.L.&KOHLMORGAN	ROUTE 1,BOX 42	FARMDALE	44417	OH
31-78-0038	GLEN-ART FARMS	ROUTE 2	NEWTON FALLS	44444	OH
31-78-0059	CLARK AND KENPF	ROUTE 1, BOX 45	W FARMINGTON	44491	OH
31-78-0066	ROBERT HINES	ROUTE 4	CORTLAND	44410	OH
31-78-0105	ROBERT E. BRUGLER		BURGHILL	44404	OH
31-78-0108	DAUNE L. BUTLER	ROUTE 2	VIENNA	44473	OH
31-78-0480	GEORGE LOGAN AND SONS		FARM DALE	44417	OH
31-78-0612	HILWOOD FARM	ROUTE 2	KINSMAN	44428	OH
31-78-0744	VAUGHN SUNBURY		FARMDALE	44417	OH
31-78-0780	J.C. VINEY AND SON		N. BLOOMFIELD	44450	OH
31-78-9068	A. L. LIMING	ROUTE 1	MINERAL RIDGE	44440	OH
31-78-9336	GELBKE BROS	4695 KING-GRAVE RD	VIENNA	44473	OH
31-79-0002	L. A. MARBURGER	ROUTE 2	UHRICHSVILLE	44683	OH
31-79-0006	DAVID POLLOCK & SONS	ROUTE 2	NEW PHILA.	44663	OH
31-79-0018	EUGENE EVERETT	ROUTE 1	GNADENHUTTEN	44629	OH
31-79-0022	ROBERT R. CLARKE	ROUTE 2	UHRICHSVILLE	44683	OH
31-79-0026	HENRY ZAHNER & SONS		SHANESVILLE	44674	OH
31-79-0039	FRANCIS H. PUTT	ROUTE 1	SUGARCREEK	44681	OH
31-79-0057	DUTCH VALLEY FARM	ROUTE 1	SUGARCREEK	44681	OH
31-79-0078	GALE SAUSER	RT 1	STONECREEK	43040	OH
31-79-0079	DALE SPROUL	ROUTE 1	UHRICHSVILLE	44683	OH
31-79-0455	SIMON P. MUMMA JR.	ROUTE 2	DOVER	44622	OH
31-79-0875	SHARON VALLEY HOLSTNS	%J.J.YOUNG, RT.1	SUGARCREEK	44681	OH
31-79-9716	WAYNE E SPECHT	ROUTE 2	DOVER	44622	OH
31-80-0022	SCHEIDERER AND RAUSCH	ROUTE 1	PLAIN CITY	43064	OH
31-80-0035	TOM SWEENY, JR	ROUTE 2	MARYSVILLE	43040	OH
31-80-0056	RICHARD H RAUSCH	ROUTE 2	MARYSVILLE	43040	OH
31-80-0061	ELI A. & O.E. MILLER	ROUTE 1	PLAIN CITY	43064	OH
31-80-0082	JOHN BELL	ROUTE 2 BOX 20	RICHWOOD	43344	OH
31-80-0083	WILLIAM CONKLEN	ROUTE 2	MARYSVILLE	43040	OH
31-80-0846	HAROLD LUSK	ROUTE 1	W. MANSFIELD	43358	OH
31-80-9025	DWIGHT LOW & FAMILY	ROUTE 2	MARYSVILLE	43040	OH
31-80-9049	FAY L. BOVIC	ROUTE 2	OSTRANDER	43061	OH
31-80-9053	E.C. RAUSCH AND SONS	ROUTE 1	PLAIN CITY	43064	OH
31-80-9069	RONALD CUNNINGHAM	ROUTE 1	MARYSVILLE	43040	OH
31-80-9440	ARTHUR LOSCHKY	ROUTE 1	MILFORD CTR	43045	OH
31-81-0015	JAMES ROLSTEN	ROUTE 2	CONVOY	45832	OH
31-81-0019	RICHARD LAY	ROUTE 1	SCOTT	45886	OH
31-81-0595	R.O.D. GRAIN	RT. 1	CONVOY	45832	OH
31-81-9004	ROBERT MCCOY	ROUTE 1	CONVOY	45832	OH
31-81-9007	PAUL BELDON	ROUTE 4	VAN WERT	45891	OH
31-81-9010	DONALD KRANER & FAMILY	ROUTE 2	ROCKFORD	45882	OH
31-81-9030	HOMER KRANER	ROUTE 1	OHIO CITY	45874	OH
31-81-9910	WILLIAM WELDY	ROUTE 1	MIDDLE POINT	45863	OH
31-83-0003	SWARTZEL FARM	6409 GUARD RD.	WAYNESVILLE	45068	OH
31-83-9026	SAN MAR GALE FARMS	P.O.BOX 265	LEBANON	45036	OH
31-83-9029	LEBANON CORR. INST.	%RALPH KELLER	LEBANON	45036	OH
31-83-9033	ROY HEGER	8748 CIN.-COL. RD	WEST CHESTER	45069	OH
31-84-0015	OLIN A. CONGLETON	ROUTE 1	BELPRE	45714	OH
31-85-0009	MELVIN BEERY	ROUTE 1	RITTMAN	44270	OH
31-85-0012	JOHN A DOTTERER	ROUTE 1 BOX 135	STERLING	44276	OH
31-85-0013	MILES CRUMLEY	ROUTE 2	WEST SALEM	44287	OH
31-85-0038	HAROLD THUT	ROAD 1	ORRVILLE	44667	OH
31-85-0077	MARVIN E. HOSTETLER	ROUTE 2	ORRVILLE	44667	OH
31-85-0081	ELMER GODD	ROUTE 2	ORRVILLE	44667	OH
31-85-0098	W. L WYCKOFF	ROUTE 1	BURBANK	44214	OH
31-85-0108	STARVIEW DAIRY FARM	RT. 2	WEST SALEM	44287	OH
31-85-0111	LEE LAR FARM	ROUTE 1	BURBANK	44214	OH
31-85-0119	CARL BUCHWALTER	ROUTE 1	DALTON	44618	OH
31-85-0127	HENRY DOTTERER	ROUTE 1	RITTMAN	44270	OH
31-85-0129	VERNICE N. BIXLER	ROUTE 1	ORRVILLE	44667	OH
31-85-0150	HOMER GRESSER & SON	ROUTE 2	WOOSTER	44691	OH
31-85-0157	HOMER J. MARTIN	ROUTE 2	ORRVILLE	44667	OH
31-85-0159	GERALD STOLL	ROUTE 1	ORRVILLE	44667	OH
31-85-0162	WILLIAM MOORE	ROUTE 1	WOOSTER	44691	OH
31-85-0163	RUSSELL HASSEMAN	ROUTE 1	DALTON	44618	OH
31-85-0173	GWIN FARMS	ROUTE 2	SHREVE	44676	OH
31-85-0176	CHESTER STEINER		KIDRON	44636	OH
31-85-0179	MERLE & ROBERT GRAY	ROUTE 1	BURBANK	44214	OH
31-85-0192	CYRIL MOORE	ROUTE 4	WOOSTER	44691	OH
31-85-0194	R.K. AND G.D.SPRUNGER	ROUTE 2	DALTON	44618	OH
31-85-0200	EVERETT BEERY	ROUTE 1	RITTMAN	44270	OH
31-85-0203	E. O. MOORE AND SON	ROUTE 1	BURBANK	44214	OH
31-85-0206	MORLOCK FARMS	COUNTY ROAD 111	W SALEM	44287	OH
31-85-0208	CALEB GERBER	ROUTE 1	DALTON	44618	OH
31-85-0227	ORIN SHOUP	ROUTE 1	DALTON	44618	OH
31-85-0228	RICHARD E WOLF	ROUTE 1	CRESTON	44217	OH
31-85-0231	ART CROCKER	ROUTE 4	WOOSTER	44691	OH
31-85-0241	RALPH A GILL & SONS	ROUTE 1	CRESTON	44217	OH
31-85-9374	RUSSEL JOHNSON	ROUTE 2	DALTON	44618	OH
31-85-0442	GORDON AMSTUTZ	ROUTE 1	APPLE CREEK	44217	OH
31-85-0561	PINE-TREE-DAIRY-FARM	ROUTE 1	RITTMAN	44270	OH
31-85-0578	KENNETH RENNER	ROUTE 2	DALTON	44618	OH
31-85-0782	PALMER L. STEINER	ROUTE 1	APPLE CREEK	44606	OH
31-85-0816	HUBERT BEUN & FAMILY	ROUTE 1	APPLE CREEK	44606	OH

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
31-85-0895	ALPHA HAILBACH	ROUTE 1	STERLING	44276	OH
31-85-9067	MYKRANTZ BROTHERS	4020 W.LINCOLN WY	WOOSTER	44691	OH
31-85-9070	LUTHER A. WISE & SON	ROUTE 2	WEST SALEM	44287	OH
31-85-9090	OGDEN BROS.	ROUTE 1	WEST SALEM	44287	OH
31-85-9094	STEINHURST DAIRY FARM	ROUTE 1	CRESTON	44217	OH
31-85-9102	HAROLD B. BOWMAN	REFLECTO FM.RT.1	CRESTON	44217	OH
31-85-9103	RICHARD BAUHAN	ROUTE 1	STERLING	44276	OH
31-85-9107	VERNON M. MILLER	ROUTE 2	APPLE CREEK	44606	OH
31-85-9118	JAMES GRESSER	ROUTE 1	STERLING	44276	OH
31-85-9121	WAYNE AND ROGER KOCH	ROUTE 2	WEST SALEM	44287	OH
31-85-9128	LEONARD P. KOCH	ROUTE 5	WOOSTER	44691	OH
31-85-9139	CARLOS SHUY	ROUTE 1	CRESTON	44217	OH
31-85-9141	FRANCHESTER FARMS	ROUTE 2	WEST SALEM	44287	OH
31-85-9143	HOMER BILLMAN & SONS	ROUTE 2	WEST SALEM	44287	OH
31-85-9145	BRYN-GALA-HOLSTEIN-ACRES	ROUTE 1	BURBANK	44214	OH
31-85-9146	MYRON STRYFFELER	ROUTE 5 BOX 192	WOOSTER	44691	OH
31-85-9148	LARRY F.REBER	ROUTE 1	APPLE CREEK	44606	OH
31-85-9175	ABRAHAM MILLER	ROUTE 2	JEROMESVILLE	44840	OH
31-85-9186	DENNIS & CINDY BEGERY	ROUTE 1	MARSHALLVILLE	44645	OH
31-85-9238	HOWARD T NICHOLSON	ROUTE 5	WOOSTER	44691	OH
31-85-9272	JOSEPH HARTZLER	ROUTE 5	WOOSTER	44691	OH
31-85-9459	ARTHUR MAIBACH	ROUTE 1	CRESTON	44217	OH
31-85-9612	PAUL RESSLER	ROUTE 1	DALTON	44618	OH
31-85-9629	DALE RING	ROUTE 5	WOOSTER	44691	OH
31-85-9748	WALTER F. SNODDY	ROUTE 1	SHREVE	44676	OH
31-85-9890	R.H. & MARLENE WISE	ROUTE 2	WOOSTER	44691	OH
31-86-0014	WAYNE REDIGER	ROUTE 2	PIONEER	43554	OH
31-86-0020	JEROME J HARTMAN	R R 3	BRYAN	43506	OH
31-86-0030	ROBERT ANDRES	ROUTE 1	BRYAN	43506	OH
31-86-0063	CARL CREEK, JR.	ROUTE 2	MONTPELIER	43543	OH
31-86-0400	KOERNER FARMS	ROUTE 2	EDGERTON	43517	OH
31-86-0700	OWEN SCHROEDER		EDGERTON	43517	OH
31-86-9021	J.M. TRESSLER	RT. 3	BRYAN	43506	OH
31-86-9038	DALE RIGG AND SON	ROUTE 2	WEST UNITY	43570	OH
31-86-9051	OBERLIN BROS	ROUTE 2	BRYAN	43506	OH
31-86-9052	HAROLD RALPH RIGG	ROUTE 3	BRYAN	43506	OH
31-87-0004	ROBERT MORLOCK	ROUTE 1	PEMBERVILLE	43450	OH
31-87-0030	RALPH HENSCHEN	ROUTE 2	BOWLING GREEN	43402	OH
31-88-0012	JOE DERR	ROUTE 2	CAREY	43316	OH
31-88-0013	W W ADELSPERGER&SONS	ROUTE 2	CAREY	43316	OH
31-88-0019	GILBERT MURPHY & NAUS	ROUTE 1	UPR SANDUSKY	43351	OH
31-88-0630	ARTHUR MAHER	ROUTE 1	HARPSTER	43323	OH
32-01-0043	RAYMOND BECHER JR	ROUTE 2	DECATUR	46733	IN
32-01-0046	KENNETH & DEAN BEER	OROUTE 2	BERNE	46711	IN
32-01-0047	LEHNFORD BOHNKE	ROUTE 3	DECATUR	46733	IN
32-01-0048	NORMAN BECHER	ROUTE 1	BERNE	46711	IN
32-01-0321	MARTIN HABEGGER & SON	RT 1	MONROE	46772	IN
32-01-0761	RICHARD SCHWARTZ	OOROUTE 1	BERNE	46711	IN
32-01-9041	PAUL W BREHM	ROUTE 1	BERNE	46711	IN
32-01-9050	DENNIS L.BOLLENBACHER	ROUTE 2	GENEVA	46740	IN
32-01-9101	DALE CAFFEE	ROUTE 3	DECATUR	46733	IN
32-01-9280	BEN & ARNOLD GERKE	ROUTE 3	DECATUR	46733	IN
32-01-9764	IVAN STEURY	ROUTE 1	BERNE	46711	IN
32-01-9901	HARRY MULLINAN & SON	ROUTE 1	BERNE	46711	IN
32-02-0047	STEVEN M BLESSING	OOROUTE 5	FORT WAYNE	46808	IN
32-02-0283	DONALD GRAFT & FAMILY	9308 LEESBURG RD	FT WAYNE	46808	IN
32-02-0482	ALVIN LINNEMEIER	10109 BETHEL RD	FT WAYNE	46808	IN
32-02-0485	ELMER G LENGACHER	ROUTE 1 BOX 161	NEW HAVEN	46774	IN
32-02-0766	ARNOLD SCHEUMANN	ROUTE 1	HOAGLAND	46745	IN
32-02-0771	WILLIAM SCHNUCKER	ROUTE 1 BOX 193	NEW HAVEN	46774	IN
32-02-9710	DALE M REDDING	012308 REDDING DR	FORT WAYNE	46802	IN
32-02-9711	MELVIN REKEWEG	ROUTE 2	WOODBURN	46797	IN
32-03-0040	JOE BRAND & SON	OOROUTE 2	COLUMBUS	47201	IN
32-03-0241	ALBERT & MARVIN FINKE	ROUTE 1	COLUMBUS	47201	IN
32-03-0320	EVANS HOELTKE	R 2	COLUMBUS	47201	IN
32-04-0760	SMITH PAUL & RICH	ROUTE 1	EARL PARK	47942	IN
32-05-0651	BILL POWELL	ROUTE 1	PENNVILLE	47369	IN
32-06-0046	RAY BOTTEMA & FAMILY	ROUTE 1	ZIONSVILLE	46077	IN
32-06-0322	HERSHMAN FARMS	R R 1	KIRKLIN	46050	IN
32-06-0763	CORNER GROVE FRMS INC	ROUTE 5	LEBANON	46052	IN
32-06-0903	ROBERT N WILEY	ROUTE 5	LEBANON	46052	IN
32-06-9102	ORVILLE CARTER	ROUTE 1	THORNTOWN	46071	IN
32-06-9762	ARTMAN & ARTMAN	RT 3 BOX 147	SHERIDAN	46069	IN
32-09-0101	JOHN D. COBLE	ROUTE 1	DELPHI	46923	IN
32-09-0162	RONALD DILLMAN	ROUTE 1	TWELVE MILE	46988	IN
32-09-0321	LARRY HUBENTHAL	ROUTE 1	LUCERNE	46950	IN
32-09-0417	W MAX JONES	ROUTE 1	ROYAL CENTER	46978	IN
32-09-0483	EVERETT LAYER	RT 2	ROYAL CENTER	46978	IN
32-09-0534	ED MCKAIG	ROUTE 1	LOGANSPORT	46947	IN
32-09-0541	IVAN MEEKER	ROUTE 1	BURNETTSVILLE	47926	IN
)-0712	CARL RUDICEL & SONS	ROUTE 1	TWELVE MILE	46988	IN
)-0714	ROBERT RUDICEL	ROUTE 1	TWELVE MILE	46988	IN
)-0761	GLEN SNYDER	ROUTE 1	LOGANSPORT	46947	IN
)-0901	LEONARD & R. WAGONER	ROUTE 5	LOGANSPORT	46947	IN
)-0871	EDGAR VISSING	ROUTE 2	CHARLESTOWN	47111	IN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
32-10-9160	MR.MRS.J.S.DELLINGER	ROUTE 1	JEFFERSONVL	47130	IN
32-10-9210	H.A.ELLINGSWORTH	ROUTE 1 BOX 560	JEFFERSONVL	47130	IN
32-10-9651	DULEY PERRIN	UTICA PIKE	JEFFERSONVILLE	47130	IN
32-10-9764	MELVIN F SCOTT	RT 1	CHARLESTOWN	47111	IN
32-11-0960	KENNETH YEGERLEHNER & FA	ROUTE 1	CLAY CITY	47841	IN
32-12-0044	SNYDER AND BARTON	ROUTE 1	MULBERRY	46058	IN
32-15-0710	F W & IRENE REICHEL		GREENSBURG	47240	IN
32-17-0320	JOHN HAYNES	ROUTE 3	AUBURN	46706	IN
32-17-0323	RICHARD,&JAMES HAYNES	ROUTE 1	GARRETT	46738	IN
32-17-9533	CHENANGO FARM	ROUTE 1	WATERLOO	46793	IN
32-18-0282	J A & G E GODWIN	RT 1	DALEVILLE	47334	IN
32-18-0410	JACKSON & HENSLEY	ROUTE 2	YORKTOWN	47396	IN
32-18-9281	JOHN GUTHRIE	ROUTE 5	MUNCIE	47302	IN
32-19-0241	LOUIS FENNEMEN	ROUTE 1	HOLLAND	47541	IN
32-19-0590	LOST RIVER FARM CORP	00	ORLEANS	47542	IN
32-20-0047	LABAN HOCHSTETLER	ROUTE 1	MIDDLEBURY	46540	IN
32-20-0282	EZRA GINGERICH	ROUTE 1	MILLERSBURG	46543	IN
32-20-0334	DAVID G HOOVER	ROUTE 3	GOSHEN	46526	IN
32-20-0441	ARTHUR WEAVER	OORT 3 BOX 310	ELKHART	46514	IN
32-20-0547	HARLEY D. MAST	ROUTE 1	MILLERSBURG	46543	IN
32-20-0550	GERALD MURRAY	RT 1	SYRACUSE	46567	IN
32-20-0764	DANIEL J. SNIDER	ROUTE 1	NEW PARIS	46553	IN
32-20-0786	ROGER SHUDER	ROUTE 1	SYRACUSE	46567	IN
32-20-0821	VERNON S THOMAS	OOROUTE 1 BOX 108	MIDDLEBURY	46540	IN
32-20-0915	CLIFFORD WENGER	RT 1 BOX 514	ELKHART	46514	IN
32-20-0916	DALE E WELDY	RR 1 BOX 508	ELKHART	46514	IN
32-20-9114	RENE CODDENS	RR 1	BRISTOL	46507	IN
32-20-9215	EBY BROS & JAS H COOK	RT 1 BOX 557	ELKHART	46514	IN
32-20-9218	EVERETT J EBY & SONS	RR 1 BOX 553	ELKHART	46514	IN
32-20-9240	DELBERT W CRIPE	RR 1 BOX 506	ELKHART	46514	IN
32-20-9284	KENNETH GERMANN	ROUTE 2	BREMEN	46506	IN
32-20-9321	PAUL HOOVER	ROUTE 3,BOX 81	GOSHEN	46526	IN
32-20-9337	MARION H HOOLEY	R R 7 BOX 66	GOSHEN	46526	IN
32-20-9443	DR G W SNIDER & RONALD K	OROUTE 7 BOX 219	GOSHEN	46526	IN
32-20-9534	DALE MARTIN	ROUTE 1	WAKARUSA	46573	IN
32-20-9559	LEWIS & JOE MARTIN	RRS BOX 165	GOSHEN	46526	IN
32-20-9656	A L PAULUS & SONS	R R 1 BOX 586	ELKHART	46514	IN
32-20-9761	HERMAN SCHROCK	ROUTE 3, BOX 159	GOSHEN	46526	IN
32-20-9773	BEN M SHIRK	ROUTE 2 BOX 52	GOSHEN	46526	IN
32-20-9921	VIRGIL C WEAVER	R P 3 BOX 43	GOSHEN	46526	IN
32-20-9922	OSCAR R. WEAVER	ROUTE 3 BOX 171	GOSHEN	46526	IN
32-20-9924	O H & RICHARD D WENGER	R R 3 BOX 379	ELKHART	46514	IN
32-20-9926	DR M L WELBY & CLAYTON H	RRS BOX 214	GOSHEN	46526	IN
32-20-9927	RUSSELL J WENGER	ROUTE 3	GOSHEN	46526	IN
32-20-9961	HAROLD C. YODER	ROUTE 2	SYRACUSE	46567	IN
32-25-0214	RICHARD EASTERDAY	ROUTE 4,	ROCHESTER	46975	IN
32-25-0327	LOWELL HOEHNE	ROUTE 1	ROCHESTER	46975	IN
32-25-0760	SEE & BEECHER	ROUTE 1	ROCHESTER	46975	IN
32-25-0901	H & K WARNER	OROUTE 3 BOX 324	ROCHESTER	46975	IN
32-25-9212	JANICE&RICHARD EARLY	ROUTE 6	ROCHESTER	46975	IN
32-25-9244	ROGER FIELDS & WALSH	ROUTE 3	KEWANNA	46939	IN
32-25-9325	DELBERT HUNTER	ROUTE 2	ROCHESTER	46975	IN
32-25-9482	MAURICE LIPPLY	OORT 2	SILVER LAKE	46982	IN
32-26-0280	VINCENT GEORGES	ROUTE 2	FORT BRANCH	47533	IN
32-27-0111	CHARLES CRAIG & FAMILY	832 E & 600 S	JONESBORO	46938	IN
32-27-0322	WILLIS HOKE	7921 S & 275 E	JONESBORO	46938	IN
32-27-0481	HENRY LEFFLER P SONS	4020E & 500S	MARION	46952	IN
32-27-0534	SHERRIL MALOTT	0064248-350 WST	JONESBORO	46938	IN
32-27-0545	MAX HAVEN FARM	6306 E 300 S	MARION	46952	IN
32-27-0763	RONALD SMITH	3668W 800SOUTH	JONESBORO	46938	TN
32-29-9320	MERRILL M HORNEY	ROUTE 3	SHERIDAN	46069	IN
32-30-0160	W.DEWITT&FAMILY	ROUTE 1	NEW PALESTINE	46206	IN
32-30-0323	DON HILL	ROUTE 1	FOUNTAINTOWN	46130	IN
32-30-0325	STANLEY HANCOCK & FAMILY	RTE 2 BOX 208	GREENFIELD	46140	IN
32-30-0534	J MITHOEFER & FAMILY	RTE 1	NEW PALESTINE	46163	IN
32-30-0763	FOREST SPARKS & SON	ROUTE 2	GREENFIELD	46140	IN
32-30-0820	ALSON TURNER	ROUTE 5	GREENFIELD	46140	IN
32-30-0902	WALNUT GROVE FARM	RR 1	NEW PALESTINE	46163	IN
32-30-9107	MR.J.CARLTON & FAMILY	JUDY CARLTON,RT 5	GREENFIELD	46140	IN
32-32-0046	C.M.BOTTEMA,FARM 2	ROUTE 2,BOX 380	INDIANAPOLIS	46231	IN
32-32-0535	MCFARLAND SONS FARM 3	OROUTE 1 BOX 708	INDIANAPOLIS	46227	IN
32-32-0715	ROSS RIGGS	RR 2 BOX 17	DANVILLE	46122	IN
32-32-9534	GUY MCFARLAND & SONS	OOROUTE 1 BOX 708	INDIANAPOLIS	46227	IN
32-33-0323	MRS. SARAH HILBERT	ROUTE 2	HAGERSTOWN	47346	IN
32-33-9041	DANIEL W.BAKER&FAM.	ROUTE 2	MIDDLETOWN	47356	IN
32-33-9713	HERMAN RODEFFER	ROUTE 1	MOORELAND	47360	IN
32-34-0104	LEAFY LANE FARM	RT 2 BOX 70	KOKOMO	46901	IN
32-34-0535	RAYMOND MARTIN & SONS	ROUTE 4	KOKOMO	46901	IN
32-34-0651	MRS.L.PARSONS& SONS	ROUTE 1	GREENTOWN	46936	IN
32-34-9044	DWIGHT BIRKEY & SONS	OOROUTE 1	BUNKER HILL	46914	IN
32-35-0003	MARK ANSON	ROUTE 1	ANDREWS	46702	IN
32-35-0763	LOWELL STOUDER	ROUTE 1	SO WHITLEY	46787	IN
32-35-0827	GLEN & ROGER THOMPSON	ROUTE 6	HUNTINGTON	46750	IN
32-36-0210	ELLIOTT BROTHERS	ROUTE 2	BROWNSTOWN	47220	IN
32-36-0280	GERALD GOECKER	ROUTE 2	BROWNSTOWN	47220	IN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
32-36-0650	RALPH PETERS	ROUTE 2	BROWNSTOWN	47220	IN
32-36-0820	ARTHUR TORNOEHLEN	ROUTE 2	BROWNSTOWN	47220	IN
32-36-0821	ELMER TORNOEHLEN	ROUTE 1	CROTHERSVILLE	47229	IN
32-36-9590	HENRY & ROGER NIERMAN	ROUTE 2	BROWNSTOWN	47220	IN
32-37-0280	RONALD C. GOODMAN	ROUTE 4	RENSSELAER	47978	IN
32-37-0762	JAMES E. SCHNELLE	ROUTE 2	REMINGTON	47977	IN
32-38-0324	JOHN HARDY & BILL HARSH	ROUTE 1	BRYANT	47326	IN
32-38-0442	GORDON KESLER &FAMILY	ROUTE 1	DUNKIRK	47336	IN
32-38-0652	THE PEN HILL FARM	ROUTE 1	PENNVILLE	47369	IN
32-38-9282	JOSEPH & DAVID GIERHART	OORURAL ROUTE 1	BRYANT	47326	IN
32-38-9485	DR. M.A. LEHMAN	BOX 44	BERNE	46711	IN
32-41-0652	CLIFFORD PARKER	OOROUTE 4 BOX 93	FRANKLIN	46131	IN
32-41-0763	PARIS & PARIS DAVID	OOROUTE 1	FRANKLIN	46131	IN
32-42-0411	CARL JOHANNINGSMEIER	OOROUTE 1	EDWARDSPORT	47528	IN
32-43-0012	CHESTER &HRSHL ALBERT	ROUTE 1	LEESBURG	46538	IN
32-43-0046	CARLTON BEER	ROUTE 1	MILFORD	46542	IN
32-43-0047	JESSE W. BEER	ROUTE 2	MILFORD	46542	IN
32-43-0051	DAN & DEBBIE BEER	OR R 1 BOX 103	MILFORD	46542	IN
32-43-0284	MAHLON GREVENSTUK	ROUTE 1	WARSAW	46580	IN
32-43-0322	L.CUMBERLAND	ROUTE 1	CLAYPOOL	46510	IN
32-43-0411	R DALE JONES	BOX 97	SILVERLAKE	46982	IN
32-43-0442	WALTER KISER	ROUTE 2	SILVER LAKE	46982	IN
32-43-9483	HARVESTOR HAVEN	ROUTE 1	CLAYPOOL	46510	IN
32-43-9531	MYRON & GRACE METZGER	ROUTE 2	CLAYPOOL	46510	IN
32-43-9537	L.L.&REX MORT & SONS	ROUTE 1	PIERCETON	46562	IN
32-43-9542	MAURICE AND J.METZGER	ROUTE 2	CLAYPOOL	46510	IN
32-43-9761	EMRA & JOHN STOOKEY	ROUTE 2	MILFORD	46542	IN
32-44-0280	FRED & MONROE GAGE	ROUTE 3	LAGRANGE	46761	IN
32-44-0325	SYLVESTER HAARER	ROUTE 1	SHIPSHEWANA	46565	IN
32-44-0331	E.BYLER-BLACKWLNUT FM	ROUTE 4	LAGRANGE	46761	IN
32-44-0654	VERN R PENNER	ROUTE 1	WOLCOTTVILLE	46795	IN
32-44-0820	RUSSEL TALMAGE	ROUTE 3	LAGRANGE	46761	IN
32-44-0905	RAYMOND WINGARD	ROUTE 1	MIDDLEBURY	46540	IN
32-44-0961	ERNEST YOUNG	BOX 42	STROH	46789	IN
32-44-9043	ELI BURKHOLDER	ROUTE 3	LAGRANGE	46761	IN
32-44-9101	N LEROY CHAMNESS	ROUTE 2	HOWE	46746	IN
32-44-9446	F LEROY KAUFFMAN	ROUTE 1 BOX 227	MIDDLEBURY	46540	IN
32-44-9481	BURTON LEWIS	ROUTE 3	LAGRANGE	46761	IN
32-44-9650	KENNETH PERKINS	ROUTE 1	HUDSON	46747	IN
32-44-9966	MAURICE A. YODER	ROUTE3	LAGRANGE	46761	IN
32-45-0533	MONA DELL FARM	015504 PARRISH ST	LOWELL	46356	IN
32-45-0710	ROW & SCHAFER	509 W.113TH AVE.	CROWN POINT	46307	IN
32-45-9320	EDWARD A. HEIN	2009 E. 121ST AVE	CROWN POINT	46307	IN
32-46-0046	KENNETH BAKER & WATSON B	OOROUTE 2 BOX 588	LA PORTE	46350	IN
32-46-0102	CLARK - SWANSON	ROUTE 1	LACROSSE	46348	IN
32-46-0333	HARVEY E SOMMERS SONS	HARLA FMS, RT.1	HANNA	46340	IN
32-46-0482	HAROLD & ROBERT W SWANSO	RT 1 BOX 246	ROLLING PRAIRIE	46371	IN
32-46-0483	WARREN LINDBORG	OORT 1	UNION MILLS	46382	IN
32-46-0590	ROBERT A NELSON	ROUTE 3 BOX 599	LAPORTE	46350	IN
32-46-0711	DEAN RIBORDY	ROUTE 2,BOX 386	LAPORTE	46350	IN
32-46-9041	RICH LOU FARMS	BUCHER & SONS R.1	UNION MILLS	46382	IN
32-46-9100	LLOYD CLAYTON	ROUTE 4, BOX 340	LAPORTE	46350	IN
32-46-9324	EDWARD HAGENOW	ROUTE 1 BOX 196	WESTVILLE	46391	IN
32-46-9590	ROBERT A NELSON	ROUTE 3 BOX 599	LAPORTE	46350	IN
32-46-9710	HOWARD RIBORDY	ROUTE 2, BOX 600	LAPORTE	46350	IN
32-47-0620	PAUL R. OOLEY	ROUTE 3 BOX 280	BEDFORD	47421	IN
32-47-0820	TARR AND CLOUD	BOX 243	ORLEANS	47452	IN
32-47-0962	HOWARD YOUNGER	ROUTE 3	BEDFORD	47421	IN
32-48-0412	JONES DAIRY FARM	BOX 250	ANDERSON	46011	IN
32-48-0414	D. M. JONES & SONS	ROUTE 1	SUMMITVILLE	46070	IN
32-48-0651	ROBERT PEGG AND SONS	ROUTE 3, BOX 107	PENDLETON	46064	IN
32-49-9590	NORMANDY FARMS	007802 MARSH ROAD	INDIANAPOLIS	46204	IN
32-50-0047	EARL BURKHOLDER	RT 1	BREMEN	46506	IN
32-50-0164	MAX DINIUS	ROUTE 2, BOX 17	BOURBON	46504	IN
32-50-0284	ROBERT GOOD	RT 1	ARGOS	46501	IN
32-50-0545	WARREN MYERS	ROUTE 3	PLYMOUTH	46563	IN
32-50-0714	GERALD O. RINGLE	ROUTE 1	ARGOS	46501	IN
32-50-0767	RALPH L STOLTE	ROUTE 2	BOURBON	46504	IN
32-50-0825	CARROLL THOMPSON	ROUTE 1	ARGOS	46501	IN
32-50-9161	ROBERT STANER	ROUTE 3,BOX 425	BREMEN	46506	IN
32-50-9592	NEWMAN HOLSTEIN FARM	RT 2 BOX 21	CULVER	46511	IN
32-52-0043	RICHARD BIRKEY	ROUTE 1	AMBOY	46911	IN
32-52-0320	W & W HOCHSTEDLER	ROUTE 5	KOKOMO	46901	IN
32-52-0535	WILLIAM MILLER & MATHIS	ROUTE 1	AKRON	46910	IN
32-52-0653	TERRY PRICE	OR R 1	AMBOY	46911	IN
32-54-0411	JEFFERS DAIRY	OROUTE 2	WAYNETOWN	47990	IN
32-54-0766	ROLLAND SHADLE	ROUTE 5	CRAWFORDSVL	47933	IN
32-55-0041	C M BOTTEMA FARM # 5	RT 2 BOX 380	INDIANAPOLIS	46231	IN
32-55-0160	JACOB DEGROOT	ROUTE 2	MOORESVILLE	46158	IN
32-56-0760	ROY & WAYNE SELL	ROUTE 1	BROOK	47922	IN
32-57-0108	CLOUSE & MURPHY	OOROUTE 1	CHURUBUSCO	46723	IN
32-57-0264	FRICK AND MANGUS	ROUTE 1	ALBION	46701	IN
32-57-0320	JACK HOSFORD & FAMILY	LIL-CHAR FARMS	WAWAKA	46794	IN
32-57-0337	HUTCHINS AND C.LORTIE	ROUTE 1	KENDALLVILLE	46755	IN
32-57-0449	LESTER O KEEFER & SONS	OOROUTE 1	WAWAKA	46794	IN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
32-57-0539	BENDER FARMS.	ROUTE 1	KINMELL	46760	IN
32-57-0652	EARLE PEFFER	00	ALBION	46701	IN
32-57-9241	TOM FRANKS	ROUTE 1	WAWAKA	46794	IN
32-57-9482	JOHN LOVELESS & FAM.	00	CROMWELL	46732	IN
32-57-9621	CALVIN OTT	ROUTE 2	ALBION	46701	IN
32-57-9769	STUCKMAN BROTHERS	ROUTE 4	ALBION	46701	IN
32-57-9901	EUGENE WEBER	ROUTE 1	KENDALVILLE	46755	IN
32-59-0650	B.J. PURLEE AND SON	ROUTE 1	WEST BADEN	47469	IN
32-61-0410	JOSIAH JONES AND SONS	ROUTE 1	MARSHALL	47859	IN
32-61-0820	CHARLES TAYLOR & FAMILY	OOROUTE 1	ROSEDALE	47874	IN
32-64-0654	EUGENE PRICE	ROUTE 3	VALPARAISO	46383	IN
32-64-9762	EUGENE SINN	RT 1	KOUTS	46347	IN
32-66-0442	KNEBEL BROTHERS	OOROUTE 4	WINAMAC	46996	IN
32-66-9760	JESSE SPURGEON	ROUTE 3	WINAMAC	46996	IN
32-67-0241	MARION & KEITH FERRAND	ROUTE 3	GREENCASTLE	46135	IN
32-67-0531	EUGENE MCFARLAND & FAMIL	ROUTE 1	BAINBRIDGE	46105	IN
32-67-9040	ED BROOKSHIRE	ROUTE 2	ROACHDALE	46172	IN
32-68-0005	ABEL AND HOOBER	ROUTE 1	HOBOC	47358	IN
32-68-0108	J. DOWNING	ROUTE 1	FARMLAND	47340	IN
32-68-0535	THOMAS A. MILLER	ROUTE 3	WINCHESTER	47394	IN
32-68-0540	HERB ANDERSON & JAMES GI	RT 3	WINCHESTER	47394	IN
32-68-0770	BRYON SMITHSON	RT 1	FARMLAND	47380	IN
32-68-0773	GENE & TERRELL SICKELS	ROUTE 3	WINCHESTER	47394	IN
32-68-9243	FOREST FOUTZ & SON	RT 1	PARKER	47368	IN
32-68-9285	MR&MRS M. GORDON HD#2	ROUTE 2	LYNN	47355	IN
32-70-0322	WILBUR HOEING & SONS	ROUTE 4	RUSHVILLE	46173	IN
32-70-0325	L.HERBERT & H.JAGGERS	ROUTE 6	RUSHVILLE	46173	IN
32-70-0901	JAMES WICKER	ROUTE 1	MILROY	46156	IN
32-71-0323	JAMES E. HUNSBERGER	61019 BREMEN ROAD	MISHAWAKA	46544	IN
32-71-0480	HERMAN BRINKHOFF	ROUTE 2	NORTH LIBERTY	46554	IN
32-71-0537	BERCADO FARM	12151 LINCOLNWAY E	MISHAWAKA	46544	IN
32-73-0043	GLEN F.BEEKER & SONS	ROUTE 2	HOPE	47246	IN
32-73-0044	RALPH BOWMAN & FAMILY	ROUTE 1	FAIRLAND	46126	IN
32-73-0321	HI-ACRE FARM	ROUTE 1	TRAFALGAR	46181	IN
32-73-0761	BRUCE SIGHAN	BOX 226	HOPE	47246	IN
32-73-9241	HARLAN FORTMEYER	ROUTE 1	ST PAUL	47272	IN
32-74-0761	ST MEINRADS ABBEY	% BRO D SCHEPERS	ST MEINRAD	47577	IN
32-75-0481	EDWARD LEHAN & SONS	ROUTE 2	FRANCESVILLE	47946	IN
32-76-0760	DON & GERALD SELLERS	ROUTE 1	ORLAND	46776	IN
32-76-0773	DURWOOD SICKELS & FAMILY	RT 2 BOX 309	FREMONT	46737	IN
32-76-0960	BION & KEITH YOUNG	ROUTE 1	PLEASANT LAKE	46779	IN
32-82-0714	RIGGS JERSEY FARM	ROUTE 8	EVANSVILLE	47711	IN
32-82-9711	LEE M RIGGS	ROUTE 5	EVANSVILLE	47711	IN
32-85-0482	J WARNER LAWSON	RT 1 BOX 265	LAGRO	46941	IN
32-85-0620	VICTOR OOUH	ROUTE 1	WABASH	46992	IN
32-85-0909	B. ELDON WATSON	ROUTE 1	WABASH	46992	IN
32-88-0651	ROGER PACKWOOD	RURAL ROUTE 2	CAMPBELLSBURG	47108	IN
32-88-9282	D GREEN ACRES	OOROUTE 5	SALEM	47167	IN
32-89-0044	BUCKLAND BROS.RT.27	3001 WERNLE ROAD	RICHMOND	47374	IN
32-89-0108	CLARK-ANDERSON-CLARK	ROUTE 1	WILLIAMSBURG	47393	IN
32-89-0327	F.HARTMAN &	H.&T.KITCHEL RT.1	RICHMOND	47374	IN
32-89-0328	ROBERT HELMS	ROUTE 2	CENTERVILLE	47330	IN
32-89-0440	JAMAC FARM	P. KOONS, RT. 2	CENTERVILLE	47330	IN
32-89-0531	RUBY & MYRON MOYER	ROUTE 1	GREENS FORK	47345	IN
32-89-0820	M THOMAS AND BURDETTE	ROUTE 1	FOUNTAIN CITY	47341	IN
32-89-0908	JUNIOR WILLIAMS	ROUTE 1	WILLIAMSBURG	47393	IN
32-90-0770	STEPHEN F & JOSEPH A SHI	OOROUTE 1	KEYSTONE	46759	IN
32-90-0771	MR & MRS MAX SPRINGER	OOROUTE.4	BLUFFTON	46714	IN
32-90-0950	RONALD HALBURN	ROUTE 3	BLUFFTON	46714	IN
32-91-0322	HASKELL BROTHERS	ROUTE 1	IDAVILLE	47950	IN
32-91-0760	PAUL SCHWAB	OROUTE 1	WOLCOTT	47995	IN
32-91-9710	H REIFF	ROUTE 1	BURNETTSVILLE	47926	IN
32-92-0041	MILAN F BLESSING	RFD 5 LEESBURG RD	FORT WAYNE	46808	IN
32-92-9040	C.W. AND D.E. BONER	ROUTE 3	COLUMBIA CITY	46725	IN
32-92-9441	MONROE KITSON	ROUTE 4	COLUMBIA CITY	46725	IN
32-92-9531	LOREN & OLIVE METZGER	RT 2	SOUTH WHITLEY	46787	IN
32-92-9711	JAMES RUCKMAN	OOROUTE 1	LARWILL	46764	IN
32-92-9870	VANDERSAUL DAIRY FARMS	ROUTE 6	COLUMBIA CITY	46725	IN
32-94-9650	C M BROWN P V DAIRY	1416 CHERRY LANE	W LAFAYETTE	47906	IN
32-94-9654	C M BROWN P U DAIRY	1416 CHERRY LANE	W LAFAYETTE	47906	IN
32-94-9655	C M BROWN P U DAIRY	1416CHERRY LANE	W LAFAYETTE	47906	IN
33-01-0110	JOHN ALISON	RR 2	QUINCY	62301	IL
33-01-0140	ALBERT BASTERT		CAMP POINT	62320	IL
33-01-0143	ROBERT W BASTERT AND SON		MENDON	62351	IL
33-01-0173	RAY CALLAHAN AND SON	RR 1	QUINCY	62301	IL
33-01-0211	DIETRICH BROS	% MELVIN DIETRICH	FOWLER	62338	IL
33-01-0271	FUNK AND KLASING		LIBERTY	62347	IL
33-01-0274	LEE M FARLOW		CAMP POINT	62320	IL
33-01-0440	CHARLES KOCH AND SONS	RR 2	MT STERLING	62353	IL
33-01-0472	WARREN LEWIS & NEPHEWS	RR 3	QUINCY	62301	IL
33-01-0511	MOORMAN MFG CO	%RICHARD C BERNETT	QUINCY	62301	IL
33-01-0541	W. F. NORTON AND SON		TIMEWELL	62375	IL
33-01-0717	RAYMOND SCHREACKE & SON	RR 2	CAMP POINT	62320	IL
33-01-0718	MR WENDELL SHUPE		MENDON	62351	IL
33-01-0744	TENHOUSE AND VOLLBRACHT		LIBERTY	62347	IL

TABLE 1. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
33-01-0843	FARVIEW FARMS	RR 5 % G WILLER	QUINCY	62301	IL
33-02-0210	DEBATIN BROTHERS	RR 1	POCAHONTAS	62275	IL
33-02-0213	MELVIN DEVORE		MULBERRY GROVE	62262	IL
33-02-0240	ELDON ENNEN	RR 1	SMITHBORO	62284	IL
33-02-0440	LESTER KLEINER		GREENVILLE	62246	IL
33-02-0441	PAUL BUNYARD	RR 5	GREENVILLE	62246	IL
33-02-0442	VINCENT A KORTE	RR 1	POCAHONTAS	62275	IL
33-02-0443	KENNETH KERSCH		GREENVILLE	62246	IL
33-02-0515	WILLIAM AND ARTIE MYERS	RR 4	GREENVILLE	62246	IL
33-02-0714	DALE SCHAUFELBERGER	RR 1	GREENVILLE	62246	IL
33-02-0715	WILLIAM SCHRAGE	RR 5	GREENVILLE	62246	IL
33-02-0722	TONY SNOW	RR 2	GREENVILLE	62246	IL
33-02-0740	HARRY TURLEY AND SON		*GREENVILLE*	62246	IL
33-02-0842	ARLIN WOKER	RR 3	GREENVILLE	62246	IL
33-02-0845	EARL WEIS DAIRY FARM	RR 2	POCAHONTAS	62275	IL
33-03-0158	ALBERT BLACHFORD JR	RR 1	CAPRON	61012	IL
33-03-0211	DUETT & GEORGE ROBINSON	RR 1	CAPRON	61012	IL
33-03-0212	SUMNER G DE MUNN	RR 2 BOX 270	BELVIDERE	61008	IL
33-03-0243	E H ELLINGSON AND SON		POPLAR GROVE	61065	IL
33-03-0313	M GUSTAFSON AND K B FARM	RR 3 BOX 69	*BELVIDERE*	*61008*	IL
33-03-0512	MYRLAND AND HULSTEDT	RR 2 BOX 181	BELVIDERE	61008	IL
33-03-0543	R NEWPORT AND K B FARMS	RR 3 BOX 16	*BELVIDERE*	61008	IL
33-03-0544	RAYMOND NIMTZ & SHAPPERT	RR 1 BOX 60	BELVIDERE	61008	IL
33-03-0712	EUGENE SIMERL	RR 1	POPLAR GROVE	61065	IL
33-05-0150	EDWARD BOHM AND SON	RR 2	LA MOILLE	61330	IL
33-05-0444	LAWRENCE & JOSEPH KUNKLE	RR 1	WYANET	61379	IL
33-05-0475	KEVIN LYONS		GRANVILLE	61326	IL
33-05-0525	DAN MYERS	RR 1	LA MOILLE	61330	IL
33-07-0143	KENNETH ERBSEN	RR 2	LANARK	61046	IL
33-07-0147	ROBERT BLOCK AND SONS	RR 2	PEARL CITY	61062	IL
33-07-0171	WILMER SMITH AND SONS	RR 1	*CHADWICK*	61014	IL
33-07-0212	CLIFFORD DURWARD & SONS	RR 1	THOMSON	61285	IL
33-07-0440	DONALD AND EDWIN KEIM	RR 2	MT CARROLL	61053	IL
33-07-0847	ROBERT WAGENKNECHT	RR 2	MILLEDGEVILLE	61051	IL
33-07-0910	HAROLD YOCHEM AND FAMILY	RR 2	MT CARROLL	*61053*	IL
33-09-0002	UNIVERSITY OF ILLINOIS	GUERNSEY HERD	URBANA	61801	IL
33-09-0003	UNIVERSITY OF ILLINOIS	HOLSTEIN HERD	URBANA	61801	IL
33-09-0004	UNIVERSITY OF ILLINOIS	*JERSEY HERD*	URBANA	61801	IL
33-09-0005	UNIVERSITY OF ILLINOIS	BROWN SWISS HERD	URBANA	61801	IL
33-09-0141	LESLIE AND GENE BATEMAN		MANSFIELD	61854	IL
33-09-0152	EDWIN & EDGAR BUSBOOM		THOMASBORO	61878	IL
33-09-0153	EDWIN & EDGAR BUSBOOM		THOMASBORO	61878	IL
33-09-0352	RICHARD HARDY	RR 1	RANTOUL	61866	IL
33-10-0145	RAYMOND BRINKMAN AND SON	RR	NOKOMIS	62075	IL
33-10-0671	ORLO RUPPERT AND SONS	RR 1 BOX 177	NOKOMIS	*62075*	IL
33-10-0672	MILTON RUPPERT AND SONS	RR 1	NOKOMIS	*62075*	IL
33-11-0613	JAMES E PIFER	*RR 2*	PALESTINE	62451	IL
33-11-0718	OCIE V SMITH AND SON		OBLONG	62449	IL
33-11-0910	JOHN AND NORMAN YELEY	RR 4 BOX 287	MARSHALL	62441	IL
33-13-0210	H VIRGIL DIEKEMPER	RR 4 BOX A14	CARLYLE	62231	IL
33-13-0273	FRUEND BROS	*RR 3*	CARLYLE	62231	IL
33-13-0311	GEBDALE FARM	RR 1	BARTELSO	62218	IL
33-13-0342	JOHN & ROBERT HORSTMANN	RR 1	BREESE	62230	IL
33-13-0349	LESTER HEINZMAN	RR 4	CARLYLE	*62231*	IL
33-13-0352	JAMES HORSTMANN	*RR 1*	NEW BADEN	62265	IL
33-13-0353	HARPSTRITE BROS	RR 2	TRENTON	62293	IL
33-13-0445	DANIEL & KETTERER	RR 2	*CARLYLE*	62231	IL
33-13-0473	*EARL LAWRENCE*	LAWRENCE FARMS	KEYESPORT	62253	IL
33-13-0512	ALPHONSE MUELLER	RR 2	GERMANTOWN	62245	IL
33-13-0678	HOMECREST FARM	RR 1	*TRENTON*	62293	IL
33-13-0680	LESTER RANZ	RR 1	TRENTON	62293	IL
33-18-0216	PAUL P DEUTSCH	RR 1	SYCAMORE	60178	IL
33-18-0218	ROBERT DIEDRICK	RR 1	*GENOA*	60135	IL
33-18-0219	*DUTTON AND SCHAFER*	RR 1	MAPLE PARK	60151	IL
33-18-0348	LLOYD A HEISNER		ESMOND	60129	IL
33-18-0510	H O MALVEN AND STONER		KINGSTON	60145	IL
33-18-0676	WALTER RUSSELL		WATERMAN	60556	IL
33-18-0711	SCHUHACHER BROTHERS	RR 1	MAPLE PARK	60151	IL
33-21-0172	W F CLOW AND C A DURRAN	RR 1	PLAINFIELD	*60544*	IL
33-21-0176	DAVE & D CHRISTOPHERSON		SHERIDAN	60551	IL
33-21-0215	JAMES DAVIDSON	RR 1	JOLIET	60431	IL
33-21-0522	G E MATLOCK AND SON		*YORKVILLE*	60560	IL
33-21-0617	*ROY W PARKER*	RR 2 CREME ROAD	LOCKPORT	60441	IL
33-21-0717	J GEORGE SMITH	RR 1 BOX 103	OSWEGO	60543	IL
33-21-0719	G SHERMAN AND J PETERSON		PLANO	60545	IL
33-24-0213	HENRY J DUST		SHUMWAY	62461	IL
33-24-0310	HAROLD GILLESPIE		WATSON	62473	IL
33-24-0440	EVERETT KESSLER		MODE	62444	IL
33-24-0512	OSCAR H HOELLER		WHEELER	62479	IL
33-24-0611	PLATZ DAIRY FARM		SIGEL	62462	IL
33-24-0614	WOODROW PERCIVAL		*WATSON*	62473	IL
33-24-0615	RONALD A PROBST		SIGEL	62462	IL
33-24-0711	HAROLD SCHUHACHER		SIGEL	62462	IL
33-24-0714	ALBERT SCHUHACHER		SIGEL	62462	IL
33-24-0717	DON SIDDENS	RR 1	MASON	62443	IL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
33-24-0718	SPILKER DAIRY FARM	RR 1	ALTAMONT	62411	IL
33-24-0841	FOSTER WALK AND SONS	RR 1	NEOGA	62447	IL
33-24-0844	WOLFF HOLSTEIN FARM		MASON	62443	IL
33-25-0240	EHRAT BROTHERS		SHOBONIER	62885	IL
33-25-0470	FRANCIS LECKRONE & CONE	RR 1	SALEM	62881	IL
33-25-0471	LAMKINLAND		WATSON	62473	IL
33-25-0713	EVERETT E SMITHSON	RR 1	LODGODTEE	62857	IL
33-31-0240	T G ERICKSON AND SON		NEWARK	60541	IL
33-31-0470	DONALD LOWERY		MAZON	60444	IL
33-32-0210	RICHARD L DONOHO	RR 1	BLUFORD	62814	IL
33-36-0240	RAYMOND EISENMANN	RR 1	CISSNA PARK	60924	IL
33-36-0512	MUEHLING MEADOWS		CISSNA PARK	60924	IL
33-36-0542	WILBERT NIEMANN		BUCKLEY	60918	IL
33-36-0846	AUDREY WAGNER	RR 1	CISSNA PARK	60924	IL
33-36-0941	MARVIN ZUM MALLEN	RR 2	MILFORD	60953	IL
33-36-9143	LOREN BAUER	RR2	RANKIN	60960	IL
33-37-0213	HOWARD DAVIE	RR 2	JONESBORO	62952	IL
33-37-0510	FRED MCLAUGHLIN	RR 3	MURPHYSBORO	62966	IL
33-37-0612	PYATT BROS	RR 1	PINCKNEYVILLE	62274	IL
33-37-0710	SOUTHERN ILL UNIV DAIRY		CARBONDALE	62901	IL
33-38-0152	CHARLES BRUMMER	RR 1	WHEELER	62479	IL
33-38-0410	JANSEN DAIRY FARM	RR	TEUTOPOLIS	62467	IL
33-38-0611	JOE PROBST	RR 1	WHEELER	62479	IL
33-38-0613	RAYMOND PITCHER		JEWETT	62436	IL
33-40-0141	VARIETAL FARM	R BLOOMFIELD RR 1	KANE	62054	IL
33-40-0213	CAROL LEE DAY	PO BOX 307	JERSEYVILLE	62052	IL
33-40-0712	LOUIS G STUMPE JR	RR 1	DOW	62022	IL
33-41-0140	LAURENCE HEIDENREICH	RR 1	STOCKTON	61085	IL
33-41-0170	RICHARD CURTISS	RR 1	STOCKTON	61085	IL
33-41-0211	DOUBLER FARM INC	RR 2	WARREN	61087	IL
33-41-0217	WELSH HOLLOW ACRES	RR 3 D & J DETWILE	STOCKTON	61085	IL
33-41-0351	MELVIN OFFENHEISER	RR 1 BOX 37	ELIZABETH	61028	IL
33-41-0353	RAY LEE HEIDENREICH	BOX 85 RR 3	STOCKTON	61085	IL
33-41-0370	FORREST INGRAM		APPLE RIVER	61001	IL
33-41-0441	DUANE KUPERSMITH FAMILY		STOCKTON	61085	IL
33-41-0510	MGM FARMS	RR 1	APPLE RIVER	61001	IL
33-41-0522	EUGENE MCKEE	RR 1	APPLE RIVER	61001	IL
33-41-0540	RALPH NOLLER AND SONS	RR 1	STOCKTON	61085	IL
33-41-0671	HARLAN E REUSCH	RR 2	ELIZABETH	61028	IL
33-41-0718	SIMMONS DAIRY FARM	RR 1	STOCKTON	61085	IL
33-41-0721	STEINLE BROTHERS	R R 1	GALENA	61036	IL
33-41-0840	TWIN CREEKS SWISS FARM	RR 1	STOCKTON	61085	IL
33-41-0849	WAYNE WAND		ELIZABETH	61028	IL
33-43-0161	DELANO BRUENS	RR 2 BOX 96	HAMPSHIRE	60140	IL
33-43-0223	GEORGE DRENDEL	RR 2	HAMPSHIRE	60140	IL
33-43-0245	DENNIS ENGEL	RR 2 BOX 56	HAMPSHIRE	60140	IL
33-43-0352	CLAYTON HOLCOMB	RR 1	MAPLE PARK	60151	IL
33-43-0356	HARTMANN FARMS	RR 2	DUNDEE	60118	IL
33-43-0360	HARTMAN AND CLEVELAND	RR 2	HAMPSHIRE	60140	IL
33-43-0511	MCQUEEN AND THOMPSON	RR 3 BOX 78	ELGIN	60121	IL
33-43-0515	MOOSEHEART FARM		MOOSEHEART	60539	IL
33-43-0519	CLARENCE & RON MUELLER	RR 1	ST CHARLES	60174	IL
33-43-0676	I N AND RAYMOND RUSSELL	RR 3 BOX 185	ELGIN	60120	IL
33-43-0683	E ROHLWING & KRIEGEL	RR 2 BOX 30	HAMPSHIRE	60140	IL
33-43-0685	STEVE AND JIM ROOT	RR 2	MAPLE PARK	60151	IL
33-43-0724	RALPH SPRINGINSGUTH	RR 2 BOX 149	MAPLE PARK	60151	IL
33-43-0725	WARREN SCHURING	RR 2 BOX 198	ELGIN	60120	IL
33-43-0731	STEVE AND PAUL SCHUPPNER	RR 2	MAPLE PARK	60151	IL
33-43-0842	W & F DIECKHOFF	5N311 DUNHAM RD	ST CHARLES	60174	IL
33-44-0147	JAMES BUTLER JR		CHEBANSE	60922	IL
33-44-0310	GOODWIN BROS	RR 1	WILMINGTON	60481	IL
33-44-0570	RODNEY OHM	RR 1	GRANT PARK	60940	IL
33-44-0711	DONALD SHIPP	RR 1	MANTENO	60950	IL
33-44-0724	LAWRENCE SURPRENANT	RR 2	MANTENO	60950	IL
33-44-0842	LOUIS WOLFE		CHEBANSE	60922	IL
33-46-0440	KINGSDALE FARMS	RR 1	ONEIDA	61467	IL
33-46-0673	ROBERT AND RANDY REED	RR 1	TOULON	61483	IL
33-46-0712	PERRY L SERVEN AND SON	RR 1	ST AUGUSTINE	61474	IL
33-46-0146	MILTON BETTENHAUSEN	RR 1	STREATOR	61364	IL
33-46-0273	GORDON FLATNESS	RR 1	SENECA	61360	IL
33-46-0342	CLARENCE HENRY		SENECA	61360	IL
33-46-0519	TERRY MAGEE	RR 1	WASHBURN	61570	IL
33-46-0672	MAX RYAN		TONICA	61370	IL
33-46-0713	WALTER AND DAVID SNOOK	RR 2	OTTAWA	61350	IL
33-46-0716	JACK K SCHOEPKE		VARNA	61375	IL
33-46-0717	EUGENE SCHOEPKE		VARNA	61375	IL
33-46-0741	JAMES C THOMSON	RR 1	UTICA	61373	IL
33-46-0812	RUSSELL F VOGEN	RR 2 HELMAR ROAD	NEWARK	60541	IL
33-46-0814	E E VAUGHAN AND SON	RR 1	SHERIDAN	60551	IL
33-50-0448	RAYMOND PYSE & A BROOKS	RR 3	DIXON	61021	IL
33-50-0612	RONALD PRATT AND COLLINS	RR 4	DIXON	61021	IL
33-50-0852	ART BARNHART & SPERLING	RR 2	AMBOY	61310	IL
33-50-9341	LARRY AND WESLEY HERWIG	RR 2	FRANKLIN GROVE	61031	IL
33-51-0148	GLENN BRESSNER AND SONS	RR 3	FAIRBURY	61739	IL
33-51-0150	BARRON BROS	RFD 3	STREATOR	61364	IL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
33-51-0522	GENE METZ	RR 2	FORREST	61741	IL
33-51-0540	THOMAS NOLAN AND SONS	RR 1	PONTIAC	61764	IL
33-51-0613	TOM AND ELDON PEARSON	RR 3	PONTIAC	61764	IL
33-51-0940	DONALD L ZEHR & SONS	RR 3	PONTIAC	61764	IL
33-51-9440	JAMES V KEELEY JR	RR 1	FAIRBURY	61739	IL
33-51-9671	ROESCHLEY BROTHERS	RR 1	FLANAGAN	61740	IL
33-52-0713	HUBERT STOLL		CHESTNUT	62518	IL
33-52-0714	RAYMOND STOLL		CHESTNUT	62518	IL
33-52-0715	RICHARD STOLL		KENNEY	61749	IL
33-54-0111	MELVIN ADDEN		MT OLIVE	62069	IL
33-54-0210	LAWRENCE DEVRIES	RR 1	STAUNTON	62088	IL
33-54-0343	RALPH & BRAD HUETTE	RR 1	BUNKER HILL	62014	IL
33-54-0471	LEE ANDY FARM		NOKOMIS	62075	IL
33-54-0711	TRUMAN & A POCKLINGTON		SHIPMAN	62685	IL
33-54-0740	ALLEN AND BEVERLY TUCKER	RR 1	BRIGHTON	62012	IL
33-55-0145	HAROLD AND CARL BAUMANN	RR 2	HIGHLAND	62249	IL
33-55-0146	VERNON BECKER		MORO	62067	IL
33-55-0147	JIM BEANE	RR 2	GODFREY	62035	IL
33-55-0212	DARCO HOLSTEIN FARM	RR 1 BOX 577	MORO	62067	IL
33-55-0270	WILBUR FEDERER		ALHAMBRA	62001	IL
33-55-0271	JOE AND EDWIN FESSLER	RR 1	DOW	62022	IL
33-55-0343	MILTON HITZ		HIGHLAND	62249	IL
33-55-0442	HAROLD KLENKE	RR 1	TROY	62294	IL
33-55-0472	MRS FREDA LINENBROKER	RR 1	WORDEN	62097	IL
33-55-0510	EUGENE MEFFERT	RR 3	HIGHLAND	62249	IL
33-55-0513	MANITOU INC		ALHAMBRA	62001	IL
33-55-0610	O JOHN PLOCHER	RR 2	POCAHONTAS	62275	IL
33-55-0718	LELAND STEINER	RR 1	HIGHLAND	62249	IL
33-55-0720	HILMER AND M SCHOENBAUN	BOX 352	MORO	62067	IL
33-55-0940	HENRY ZOELZER		MORO	62067	IL
33-61-0124	AMESTEAD FARM	RR 1 BOX 194	ZION	60099	IL
33-61-0125	AHRENS-HUFF-ACRES	9405 WONDERMERE RD	WOODSTOCK	60098	IL
33-61-0127	RICHARD L ARSENEAU	3612 ILL RTE 173	RICHMOND	60071	IL
33-61-0166	ERHARDT BAUMAN AND SON	7908 S UNION ROAD	UNION	60180	IL
33-61-0220	WM DAVIDSON & SONS	4817 PAGLES ROAD	HARVARD	60033	IL
33-61-0225	MAURICE DHUYVETTER	RR 1 BOX 508	ROUND LAKE	60073	IL
33-61-0244	ELMWOOD FARMS INC	RR 2 BOX 2008 RD	ANTIOCH	60002	IL
33-61-0279	JOE FLORENT	24211 CARMACK RD	MARENGO	60152	IL
33-61-0280	GEORGE AND MARION FRUIN	RR 1	HUNTLEY	60142	IL
33-61-0282	EMERSON W FELL	RR 1 BOX 51	HUNTLEY	60142	IL
33-61-0283	ROBERT GERLOFF	14804 PERKINS RD	WOODSTOCK	60098	IL
33-61-0310	ROBERT W GARDNER	4219 W SOLON ROAD	SOLON MILLS	60080	IL
33-61-0313	GARY J FREUND	5010 GREENWOOD RD	WOODSTOCK	60098	IL
33-61-0326	GOLDEN OAKS FARMS	RAND AND BONNER RD	WAUCONDA	60084	IL
33-61-0327	GELATIN CO FARM	RR 1 BX 16 RT 120	GRAYSLAKE	60030	IL
33-61-0328	KENNETH & ORVILLE GREVER	RR 2 BOX 119	LAKE ZURICH	60047	IL
33-61-0347	LEE HENNING	10013 COYNE STA RD	HUNTLEY	60142	IL
33-61-0368	RONALD VOHS & EARL HUGHS	917 DIMMEL ROAD	WOODSTOCK	60098	IL
33-61-0414	LAWRENCE JOHNSON	10206 JOHNSON ROAD	HEBRON	60034	IL
33-61-0423	KLAAS & CAROL KOOPMANS	12712 HEMINGSEN RD	HUNTLEY	60142	IL
33-61-0449	RUDOLPH KOENIG JR	7611 MILLER RD	CRYSTAL LAKE	60014	IL
33-61-0525	D FREDERICK & P MARCKS	22222 OAK GROVE RD	HARVARD	60033	IL
33-61-0541	RALPH NICHOLS AND SON	13811 NICHOLS ROAD	HEBRON	60034	IL
33-61-0632	ROBERT L PETERSON	B 36 10212 MAIN ST	HEBRON	60034	IL
33-61-0680	RAACH AND THIEDE	717 ROUT ROAD	MARENGO	60152	IL
33-61-0685	ROBERT HUNTER	RR 2 BOX 213A	ANTIOCH	60002	IL
33-61-0689	KENNETH F RENNER	10536 MCCONNELL RD	WOODSTOCK	60098	IL
33-61-0748	HARRY TINBERG AND SONS	RR 1 BOX 64	ALGONQUIN	60102	IL
33-61-0812	ROBERT C WIESE	306 BUSSE ROAD	MARENGO	60152	IL
33-61-0819	FRED VON ALVEN	9317 WILMOT RD	SPRING GROVE	60081	IL
33-61-0843	CHARLES WEINGART	1714 WEST RR 120	MC HENRY	60050	IL
33-61-0856	LAWRENCE WORM	3311 NORTH QUEEN	WOODSTOCK	60098	IL
33-61-0960	F & D ZARNSTORFF	11117 ZARNSTORFF R	RICHMOND	60071	IL
33-61-1145	MYRON BURMAN	RR 1 BOX 33	ALGONQUIN	60102	IL
33-61-1147	RONALD BAUMAN	14316 HARMONY ROAD	HUNTLEY	60142	IL
33-61-1148	ALVIN & RONALD BOTTERMON	15415 HARMONY ROAD	HUNTLEY	60142	IL
33-61-1340	NORMAN E HEINRICH	7939 RIDGEFIELD RD	CRYSTAL LAKE	60014	IL
33-61-1351	STAHLECKER AND HARDT	18918 BUNKER HILL	WOODSTOCK	60098	IL
33-61-1354	RATH & HETTLER	1208 SOUTH RT 31	MCHENRY	60050	IL
33-61-1512	ROBERT C MILLER	RR 1 BOX 26	HUNTLEY	60142	IL
33-61-1520	MAR RAL FARM G. J. PAGE	RR 1 BOX 63	ALGONQUIN	60102	IL
33-61-1731	DOUGLAS SHANKS	BOX 56A DUNHAM RD	GARDEN PRAIRIE	61038	IL
33-62-0112	ROGER ARENDS		MELVIN	60952	IL
33-62-0150	ROBERT BUTLER	RR 1	ARROWSMITH	61722	IL
33-62-0177	WESLEY R CLARK		COLFAX	61728	IL
33-62-0211	LOWELL DUERINGER AND SON		MELVIN	60952	IL
33-62-0325	HAROLD AND LONNIE GROVE		CARLOCK	61725	IL
33-62-0413	BOBBY JOHNSON AND SONS	RR 2	CHENOA	61726	IL
33-62-0474	LAESCH BROS	RR 1	NORMAL	61761	IL
33-62-0476	OSCAR LAESCH AND SONS	RR 1	BLOOMINGTON	61701	IL
33-62-0519	FLOYD AND WAYNE MOHR	RR 1	NORMAL	61761	IL
33-62-0522	MERLE UHMEL	RR 2	SAYBROOK	61770	IL
33-62-0570	GLEN ORNS AND SONS	RR 1	ELPASO	61738	IL
33-62-0675	CLARENCE ROPP AND SONS	RR 1	NORMAL	61761	IL
33-62-0733	ROBERT SCHWOERER AND SON	RR 4	BLOOMINGTON	61701	IL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
33-62-0736	ELVIN SPRINGER	R R 3	BLOOMINGTON	61701	IL
33-62-0843	ROCK BROOK FARM	RR 1 % G WIEGAND	CARLOCK	61725	IL
33-62-9241	MYRON ERDMAN	RR 2	CHENOA	61726	IL
33-65-0711	SCHUVILLE FARMS	% RONALD SCHEWE	WATERLOO	62298	IL
33-69-0115	WAYNE & GLORIA ANDERSON	RR 1	MT MORRIS	61054	IL
33-69-0143	DONALD AND NEVIN BROWN	RR 2	POLO	61064	IL
33-69-0148	MYRON BABLER	RR 1	MT MORRIS	61054	IL
33-69-0170	W CANFIELD AND UPLAND 3	RR 1	OREGON	61061	IL
33-69-0243	ROBERT ELLIS	RR 2	FORESTON	61030	IL
33-69-0271	HARVEY FLOTO & DAUGHTERS	RR 1	MT MORRIS	61054	IL
33-69-0272	R L DONALDSON & FEARER	RR 3	OREGON	61061	IL
33-69-0344	DAN HUGHES SINNISSIPPI 3	RR 1	OREGON	61061	IL
33-69-0364	JAMES HEAD	RR 2	OREGON	61061	IL
33-69-0410	WILLIAM JONES		EGAN	61026	IL
33-69-0712	D LEARY UPLAND FARM NO 2	RR 1	OREGON	61061	IL
33-69-0716	HM HERWIG SINNISSIPPI 1		OREGON	61061	IL
33-69-0846	ART AND DENNIS HUBBENA	RR 1	FORRESTON	61030	IL
33-69-0857	H WILTFANG & MCGUIRE		CHANA	61015	IL
33-69-0911	ROBERT YOUNG		ASHTON	61006	IL
33-70-0170	ARTHUR CLINGINGSMITH		HANNA CITY	61536	IL
33-70-0212	CLOYD & KENNETH DOUBET	RR 1	MONICA	61461	IL
33-70-0670	FRED ROSENBOHM	RR 3	PEORIA	61600	IL
33-77-0141	C E BUCHANAN	RR 1	LAWRENCEVILLE	62439	IL
33-77-0313	MELVIN GRAVES	RR 2	DUNDAS	62425	IL
33-77-0441	FRED KUENSTLER	RR 4	OLNEY	62450	IL
33-77-0611	J C PIPER AND SONS		SUMNER	62466	IL
33-78-0111	ARROWHEAD RANCH	RR 1	COAL VALLEY	61240	IL
33-78-0145	GEORGE L BAKER	DANCYVILLE FARM	HILLSDALE	61257	IL
33-78-0171	GUY CATLETT	RR 1	SHERRARD	61281	IL
33-78-0210	KEITH DOONAN	RR 2	REYNOLDS	61279	IL
33-79-0345	KENNETH & JOANN HARTMAN	RR 4	WATERLOO	62278	IL
33-79-0346	ROGER HARTMANN		RED BUD	62278	IL
33-79-0347	HENRY BROS	RR 1	RED BUD	62278	IL
33-79-0714	WALTER E STEMLER	RR 2	WATERLOO	62298	IL
33-79-0841	WAWE DAIRY FARM	RR 1	WATERLOO	62298	IL
33-85-0343	JOHN A HICKEY	RR 1	WYOMING	61491	IL
33-85-0522	HAROLD & CHRIS MCMILLEN		TOULON	61483	IL
33-85-0672	JOHN F MEYER	RR 1	TOULON	61483	IL
33-85-9710	DANA STEWART	RR 1	PRINCEVILLE	61559	IL
33-86-0147	HAROLD & LAVERN BLASING		LENA	61048	IL
33-86-0151	RALPH BUSEKROS	RR 4	FREEPORT	61032	IL
33-86-0153	JOHN E BABLER	RR1	ROCK CITY	61070	IL
33-86-0157	BONEBRIGHT AND HUTHACHER	RR 4	FREEPORT	61032	IL
33-86-0167	RICHARD BEYER AND BLOCK	RR 1	PEARL CITY	61062	IL
33-86-0171	DEAN CLAIR		LENA	61048	IL
33-86-0217	LARRY DAY & ED ENNENGA	RR 3	FREEPORT	61032	IL
33-86-0280	H FERNSTAEDT & BORCHERT	RR 3	FREEPORT	61032	IL
33-86-0293	NATHAN FRAUTSCHY	RR 1	ORANGEVILLE	61060	IL
33-86-0313	REGINOLD GOEKE	RR 1	DAKOTA	61018	IL
33-86-0314	RONALD GEOKE	RR 1	RIDOTT	61067	IL
33-86-0315	ALBERT GOETZ JR	GOETZ BROS	RED OAK	61066	IL
33-86-0340	GERALD LABORDE & MYERS		LENA	61048	IL
33-86-0349	ROBERT HEILMAN	RR 1	DAVIS	61019	IL
33-86-0362	ELWOOD HULL	RR 1	ROCK CITY	61070	IL
33-86-0411	JEPSON AND CARTER	RR 3	FREEPORT	61032	IL
33-86-0440	ROBERT KAISER	RR 1	DAKOTA	61018	IL
33-86-0462	JOSEPH KOHN		WINSLOW	61089	IL
33-86-0510	ROBERT MARIAN	RR 1	ORANGEVILLE	61060	IL
33-86-0511	IVAN AND LOY MCCAULEY	RR 1	DAKOTA	61018	IL
33-86-0535	DELMAR MAIZE	RR 3	FREEPORT	61032	IL
33-86-0541	MERL NIEDERMEIER	RR 1	ROCK CITY	61070	IL
33-86-0543	LARRY NELSON AND JONAS	RR 1	ROCK CITY	61070	IL
33-86-0574	GAYLON AND GARY OBERT		DAKOTA	61018	IL
33-86-0612	MACOMBER FARM	RR 2	LENA	61048	IL
33-86-0614	HARRY PIEPER	RR 2	FREEPORT	61032	IL
33-86-0615	RONALD PRASSE	RR 4	FREEPORT	61032	IL
33-86-0689	LYLE REED		DAKOTA	61018	IL
33-86-0723	IVAN WISE	RR 1 ANDERLAND FMS	DAKOTA	61018	IL
33-86-0841	DONALD WELLING	RR 1	DAKOTA	61018	IL
33-86-0855	IRA AND ALVIN WIRE	RR 1	WINSLOW	61089	IL
33-86-0856	GERALD WACHTER	RR 2	WINSLOW	61089	IL
33-86-9110	WILLIAM ANGLE JR		DAKOTA	61018	IL
33-86-9141	RALPH BABLER	RR 1	ORANGEVILLE	61060	IL
33-86-9146	FRED OBERT & SONS	RR 3	FREEPORT	61032	IL
33-86-9155	BOYD BOYER	BOX 79	KENT	61044	IL
33-86-9442	CARL R KELTNER	RR 3	PEARL CITY	61062	IL
33-87-0110	MELVIN ACKERMAN	RR 2	MORTON	61550	IL
33-87-0242	DONALD EITENMILLER	RR 1	PEKIN	61554	IL
33-87-0511	WARREN MILLER	RR 2	PEKIN	61554	IL
33-87-0515	GEORGE MULLER	RR 1	WASHINGTON	61571	IL
33-87-0615	ALVIN & GLENN PAPENHOUSE	RR 1	TREMONT	61568	IL
33-87-0717	C A SCHWEIGERT AND SONS	RR 1	TREMONT	61568	IL
33-91-0713	HAROLD SMALLWOOD	R R 1	ALEXIS	61412	IL
33-92-0143	FRANK E BIGHAM	BOX 17	PINCKNEYVILLE	62274	IL
33-92-0242	KENNETH EADE	RR 1	ADDIEVILLE	62214	IL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
33-92-0447	KARG BROS	RR 2	COULTERVILLE	62237	IL
33-92-0471	EDDIE LACEY	RR 1	WALTONVILLE	62894	IL
33-92-0542	GEORGE NADOLSKI	RR 2	ASHLEY	62808	IL
33-92-0572	O OBERMEIER & D CAMPBELL	RR 1	HOYLETON	62803	IL
33-92-0942	JOHN ZIMMERMAN		COULTERVILLE	62237	IL
33-95-0112	JAMES AGGEN AND BULL	RR 1	MORRISON	61270	IL
33-95-0151	FRANK BELT	RR 2	MORRISON	61270	IL
33-95-0344	JOSEPH HEITZLER	SHADY HEITZ FARM	PROPHETSTOWN	61277	IL
33-95-0354	RICHARD HEITZLER	RR 2	PROPHETSTOWN	61277	IL
33-95-0440	OSCAR E KOENIG	EVERGREEN LAWN FM	TAMPICO	61283	IL
33-95-0470	DENNIS LEHMAN	RR 1	ROCK FALLS	61071	IL
33-95-0471	WELDON AND LESLIE LONG	RR 1	STERLING	61081	IL
33-95-0480	LEONARD LONG	RR 1	STERLING	61081	IL
33-95-0612	MCGINN BROS	RR 1	ROCK FALLS	61071	IL
33-96-0312	LARRY GORNEY	BOX 452	FRANKFORT	60423	IL
33-96-0340	MELVIN J HEISNER		PEOTONE	60468	IL
33-96-0350	LEONARD BEETSTRA		HARVARD	60033	IL
33-96-0351	GLENN HOLMES	R R 1	PEOTONE	60468	IL
33-96-0352	KENNETH HEISNER		BEECHER	60401	IL
33-96-0512	WILLIAM MEYER		PEOTONE	60468	IL
33-96-0519	RAY AND BETTY MULDERINK		BEECHER	60401	IL
33-96-0612	JEROME R PECK AND SON	RR 2	PEOTONE	60468	IL
33-96-0720	REYNOLD SIEMSEN	RR 2	PEOTONE	60468	IL
33-96-0770	FRANKLIN UNRUH & SONS		BEECHER	60401	IL
33-96-0810	VALY AND HOMERDING		FRANKFORT	60423	IL
33-98-0142	ARTHUR BRIDGELAND	RR 1	WINNEBAGO	61088	IL
33-98-0480	ROGER LARSON	RR 1	DURAND	61024	IL
33-98-0530	R MCCULLOCH & DONALDSON	RR 8	ROCKFORD	61100	IL
33-98-0546	LELAND NYMAN	RR 1	DAVIS	61019	IL
33-98-0548	R MCCULLOCH & ROGER WARD	RR 8 BOX 404	ROCKFORD	61100	IL
33-98-0612	WARREN AND RAY POLLARD	3123 CENTERVILLE R	ROCKFORD	61100	IL
33-98-0615	PALMDALE FARM	BOX 167A	WINNEBAGO	61088	IL
33-98-0851	CLAIRE WILKE	RR 1	DAVIS	61019	IL
33-98-9170	W AND W CARLSON	RR 1	WINNEBAGO	61088	IL
33-98-9613	PINEHURST FARM		ROCKFORD	61100	IL
33-99-0944	EARL ZIMMERMAN		EUREKA	61530	IL
34-02-0015	MICH STATE UNIVERSITY	UPPER PENINSULA EX	CHATHAM	49816	MI
34-02-0018	WILLIAMS EDGAR C	BOX 31	TRENARY	49891	MI
34-03-0001	SEBRIGHT DONALD	R F D 1	MARTIN	49070	MI
34-03-0006	OVERBEEK STANLEY J	BOX 209 RFD 2	HAMILTON	49419	MI
34-03-0009	HOFFMASTER HAROLD"SONS	R 1	HOPKINS	49328	MI
34-03-0023	DENDEL JACK "WILFRED	R F D 5	ALLEGAN	49010	MI
34-03-0044	LETTINGA RALPH "AUGUST	R F D 1	WAYLAND	49348	MI
34-03-0050	VANRHEE JARVIS	R F D 3	ZEELAND	49464	MI
34-03-0053	COLLIER FRED AND SONS	R F D 5	ALLEGAN	49010	MI
34-03-0055	SMITH BASIL	R F D 2	ALLEGAN	49010	MI
34-03-0090	COOKE F CLIFFORD	R F D 1	DORR	49323	MI
34-03-0173	BRENNER RAY	R F D	SHELBYVILLE	49344	MI
34-03-0206	MILLER ORVIL	ROUTE 1	HOPKINS	49328	MI
34-03-0259	KAECHELE GLENN	R	WAYLAND	49348	MI
34-06-0032	PAVELKA BROS	R 2 BOX 269	STANDISH	48658	MI
34-08-0009	PENNOCK WAYNE " RODNEY	R F D 3	NASHVILLE	49073	MI
34-08-0014	WING PAUL	R F D 3	BELLEVUE	49021	MI
34-08-0025	JONES FLOYD	R F D 1	HICKORY CORNE	49060	MI
34-08-0029	BIVENS LA VERN	R F D 3	BELLEVUE	49021	MI
34-08-0056	JARRARD WAYNARD	R F D 3	NASHVILLE	49073	MI
34-08-0079	LONG HUBERT	R F D 1	WOODLAND	48897	MI
34-08-0081	FISH JAMES	LOCKSHORE FARMS	HICKORY CORNE	49060	MI
34-08-0129	CURTIS ROBERT W	R F D 3	NASHVILLE	49073	MI
34-08-0152	CASE BROTHERS	R 1	DOWLING	49050	MI
34-09-0012	WIELAND ERWIN	R F D	KAWKAWLIN	48631	MI
34-09-0041	SCHWAB HUGO + SONS	PINEVIEW RIDGE FAR	STANDISH	48658	MI
34-10-0005	BARBER CARL	R F D	EMPIRE	49630	MI
34-11-0037	VILLWOCK CLARENCE"SONS	3335 WYANT ROAD	NILES	49120	MI
34-11-0051	HUDSON BROTHERS 2	R F D	BERRIEN CENTE	49102	MI
34-11-0067	BECK EARL AND SON	R 1 BOX 790 COVENE	BUCHANAN	49107	MI
34-11-0068	STRAUB DEAN"DOAN	R BOX 83 BUFFALO	GALIEN	49113	MI
34-11-0086	SHULER AND SONS	R F D	BARODA	49101	MI
34-11-0114	CLARK JOHN WILLIAM	R 1	GALIEN	49113	MI
34-11-0115	PAYNE ALBERT	RFD 1 CLEVELAND RD	GALIEN	49113	MI
34-11-0188	TOTZKE BUD	TOTZKE ROAD R 1	BARODA	49101	MI
34-11-0190	VANDERAA JOHN	ROUTE 2 BOX 134	THREE OAKS	49128	MI
34-11-0205	OTT ALVIN	6757 LINCOLN AVE	BARODA	49101	MI
34-12-0001	DUNKS SHELDON"NINA	RR 2 BOX 305 DUNKS	UNION CITY	49094	MI
34-12-0013	SHOOK HAROLD " STEPHEN	782 CHICAGO ROAD	QUINCY	49082	MI
34-12-0064	OLNEY WAYNE	R F D 2	COLDWATER	49036	MI
34-12-0066	CLINGAN SHERMAN"GARY	R 4	HILLSDALE	49242	MI
34-12-0073	BOWERMAN EVERETT " ED	R F D	QUINCY	49082	MI
34-12-0075	WADE MARVIN D	R F D 2	HOMER	49245	MI
34-12-0527	COLLINS MICHAEL	R 1 COLLINS JERSEY	ORLAND	46776	IN
34-12-0535	BACHELOR MAX	ROUTE 3	ANGOLA	46703	IN
34-13-0005	LAKE"PIEPKOW FARMS INC	R 1	OLIVET	49076	MI
34-13-0008	STARR RUTZ ROLLAND	25260 B OR N	ALBION	49224	MI
34-13-0015	GREEN ARCHIE	R F D 1	HOMER	49245	MI
34-13-0022	JOHNSON DONALD	R 1 BOX 216	EAST LEROY	49051	MI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
34-13-0038	HALBERT FREDRICK P	23675 BANFIELD RD	BATTLE CREEK	49017	MI
34-13-0116	HEISLER HAROLD " DUANE	ROUTE 2	SPRINGPORT	49284	MI
34-13-0153	LUTZ LEO	8100 B DR N	BATTLE CREEK	49017	MI
34-13-0163	SMITH L W FARM	19244 12 MILE ROAD	BATTLE CREEK	49017	MI
34-13-0167	FURU DONALD	R F D 1	CERESCO	49033	MI
34-13-0191	DENSHAM WILLIAM L	ROUTE 1 BOX 177	CERESCO	49033	MI
34-13-0263	PENNINGS JAKE E	ROUTE 1	CERESCO	49033	MI
34-13-0751	ORNS FRANK	R 1 BOX 191	CERESCO	49033	MI
34-13-0756	BISHOP WENDELL SR	165 ALBION RD	ALBION	49224	MI
34-14-0048	HILL " MILTENBERGER	3850 CREEK RD NO 1	NILES	49120	MI
34-18-0191	LAPOE DICK	R 2	CLARE	48617	MI
34-18-0192	AYRIS ALLEN A	R 2	CLARE	48617	MI
34-19-0008	BORTON ROBERT"SONS	RT 4	LANSING	48900	MI
34-19-0016	ANDERSON ALAN	R 1	ST JOHNS	48879	MI
34-19-0018	GREEN DUANE " VELMAR	R F D 3	ELSIE	48831	MI
34-19-0025	MEHNEY BRUCE	3251 WEST M 21	ST JOHNS	48879	MI
34-19-0027	ORMSBY RUSSELL"DEAN	R 6	ST JOHNS	48879	MI
34-19-0083	BECKER JIM " JERRY	R 2 LAWEDA FARMS	ST JOHNS	48879	MI
34-19-0100	ORNSTON FRANK " LEE	ROUTE 6	ST JOHNS	48879	MI
34-19-0104	SMITH GEORGE	RFD 5	ST JOHNS	48879	MI
34-19-0107	MAYERS WILLIAM	R F D 2 WALKER ROA	ST JOHNS	48879	MI
34-19-0126	WITT DONALD AND SON	R 4	ST JOHNS	48879	MI
34-19-0156	THELEN DENNIS J	ROUTE 4 PRATT ROAD	ST JOHNS	48879	MI
34-19-0189	WING JOSEPH	RFD 1	ST JOHNS	48879	MI
34-22-0015	SUPA EDWARD	STAR ROUTE	NORWAY	49870	MI
34-23-0015	WILMORE LOREN	R F D 5	CHARLOTTE	48813	MI
34-23-0073	COATS GARY	6196 PLAINS RD	EATON RAPIDS	48827	MI
34-23-0081	HAUTER BROS AND PERRY	MAIDENVIEW FARMS	GRAND LEDGE	48837	MI
34-23-0096	PARR C H " C R	ROUTE 1	CHARLOTTE	48813	MI
34-23-0154	LEE JAMES	RFD 2	GRAND LEDGE	48837	MI
34-23-0180	MORRIS JONNIE	R F D 1	VERMONTVILLE	49096	MI
34-23-0593	ROGERS NEAL	ROUTE 1	EATON RAPIDS	48827	MI
34-25-0001	OLSON + PETHERBRIDGE	10486 THAYER RD	ORTONVILLE	48462	MI
34-25-0003	PIERSON DOUGLAS	10137 DUTCH RD	GOODRICH	48438	MI
34-25-0035	ATHERTON FRANK"TON	RFD 1 10400 SMITH	GAINES	48436	MI
34-25-0059	MILES H	8343 NICHOLSON RD	FOWLERVILLE	48836	MI
34-25-0074	POTTER DUAINE	4210 S GENESEE	GRAND BLANC	48439	MI
34-25-0084	BLOSS F D AND ROGER	8370 W REID ROAD	SWARTZ CREEK	48473	MI
34-25-0097	PINKSTON BLAINE H	BALDWIN RD	SWARTZ CREEK	48473	MI
34-25-0117	BURROUGHS GEORGE	2151 W COOK	GRAND BLANC	48439	MI
34-29-0018	WILSON CARLETON	R F D	CARSON CITY	48811	MI
34-29-0032	CARY CHARLES	R F D 3	ALMA	48801	MI
34-29-0036	BOTT ROBERT"SONS	RFD BOTTHAVEN FARM	BRECKENRIDGE	48615	MI
34-29-0057	SHERRICK DEAN	R F D	MIDDLETON	48856	MI
34-29-0112	TROUB LELAND	ROUTE 2	CARSON CITY	48811	MI
34-29-0133	KRETZSCHMAR HENRY	R F D 2	ST LOUIS	48880	MI
34-30-0004	WELLS ALVIN J"JOHN	R F D	NORTH ADAMS	49262	MI
34-30-0018	TROTT M E " J A	759 ABBOT ROAD R	READING	49274	MI
34-30-0048	BROWN KEITH NO 1	R F D	JONESVILLE	49250	MI
34-30-0068	CLARK G"J CLARKSTEAD	R 1 HOLSTIEN FARM	PITTSFORD	49271	MI
34-30-0119	BURKHART DONALD	RT 2 DAY ROAD	PITTSFORD	49271	MI
34-30-0163	KEIL DELNER	671 BILBY ROAD	JEROME	49249	MI
34-30-0169	TOWN CLYDE " IVA	R F D 1	WALDRON	49288	MI
34-30-0174	GODFREY WALLACE " SON	R F D 1	JONESVILLE	49250	MI
34-30-0196	LA FOLLETTE DONALD	ROUTE 2	PITTSFORD	49271	MI
34-30-0202	PATRICK LAWRENCE	RFD 2	PITTSFORD	49271	MI
34-30-0336	EMENS VIRGIL AND SON	R 1	ALVORDTON	43501	MI
34-30-0748	BROWN KEITH NO 2	505 HOUSENECHT	JONESVILLE	49250	MI
34-30-0783	AMES RICHARD	R 3 BEECHER RD	HUDSON	49247	MI
34-32-0001	NUGENT WM"RONALD	R F D 2	BAD AXE	48413	MI
34-32-0004	KRAUSS R E " GREGORY F	360 EAST ST	SEBEWAING	48759	MI
34-32-0019	HEWITT HENRY D	4317 PIGEON RD	ELKTON	48731	MI
34-32-0021	PANGBORN ALBERT"ALAN	R F D 4	BAD AXE	48413	MI
34-32-0057	GORKOWSKI PETER	R F D 3	BAD AXE	48413	MI
34-32-0067	NUGENT RALPH"GARY	R F D	BAD AXE	48413	MI
34-32-0088	PROTZMAN BRUCE D"SON	R F D	CASEVILLE	48725	MI
34-32-0092	BUCHHOLZ RICHARD	R	PIGEON	48755	MI
34-32-0102	GREMEL HAROLD JR	9393 CANBORO	SEBEWAING	48759	MI
34-32-0104	HEWITT HAROLD J " SONS	R 1	BAD AXE	48413	MI
34-32-0253	ZIEL HENRY AND SON	RFD	PORT AUSTIN	48467	MI
34-32-0272	BAUR FARMS	R C/O BRUCE BAUR	BAY PORT	48720	MI
34-32-0303	BAUR GEORGE	R F D	BAY PORT	48720	MI
34-32-0388	DEER HARVEY JR"SON	7331 SWAYZE	HARBOR BEACH	48441	MI
34-33-0002	M S U DAIRY DEPT		EAST LANSING	48823	MI
34-33-0008	KURTZ KEN"KEVIN	R 1	WILLIAMSTON	48895	MI
34-33-0011	DIAMOND WILLIAM	376 S DIAMOND	MASON	48854	MI
34-33-0019	LOTT MARVIN	1675 N MERIDIAN RD	MASON	48854	MI
34-33-0027	COVERT GEORGE"MAHLON	R 1	LESLIE	49251	MI
34-33-0040	GRAF FRED	R F D	STOCKBRIDGE	49285	MI
34-33-0047	WILSON LEWIS	2317 HARPER RD	MASON	48854	MI
34-33-0057	CHAMBERLAIN R D	RFD 4	LESLIE	49251	MI
34-33-0074	ELDRED LAVERN	R F D 1	LESLIE	49251	MI
34-33-0121	SHAW DOUGLAS B	1826 ROLF RD	MASON	48854	MI
34-33-0125	WILCOX WAYNE"DONNA	R 1 WAVERLY HILL	EATON RAPIDS	48827	MI
34-33-0160	JORGENSEN JERRY	R F D	WEBBERVILLE	48892	MI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
34-33-0173	SMITH CLYDE B	5166 W NICHOLS RD	MASON	48854	MI
34-33-0175	STOFER MELVIN	1075 NOBLE	WILLIAMSTON	48895	MI
34-33-0225	MCCALLA FRANK	1694 DANSVILLE RD	MASON	48854	MI
34-33-0251	SMITH NANCY R	RT 3 BOX 25	WILLIAMSTON	48895	MI
34-33-0331	MINNIS CARL	HOWELL RD	WEBBERVILLE	48892	MI
34-33-0679	GLYNN MARVIN	3024 HOWEL RD	WEBBERVILLE	48892	MI
34-33-0835	LEE JIM HILLER 12	5661 FERRIS RD	EATON RAPIDS	48827	MI
34-34-0038	HUNSBERGER LYLE	RT 3	IONIA	48846	MI
34-34-0046	BELAND HENRY " DALLAS	R 1	LAKE ODESSA	48849	MI
34-34-0108	OESCH ERNEST	R F D 2	FREEPORT	49325	MI
34-34-0115	JANES ROBERT L	R R 2	IONIA	48846	MI
34-34-0126	GASPER LEWIS AND SON	R F D 1	BELDING	48809	MI
34-34-0152	WALKINGTON BRUCE	R F D 3	LAKE ODESSA	48849	MI
34-34-0156	ROTH HAYNARD " SONS	R F D 1	CLARKSVILLE	48815	MI
34-34-0581	BUTH AND RIESBIG	1510 NICKLE PLATE	IONIA	48846	MI
34-35-0003	CURRY WALDO	R F D 1	TAWAS CITY	48763	MI
34-37-0004	STEVENS RICHARD	R F D 1	MT PLEASANT	48858	MI
34-37-0011	CARY DANIEL	R F D 1	COLEMAN	48618	MI
34-37-0018	RECKER ROBERT	R F D 3	SHEPHERD	48883	MI
34-37-0062	MOEGGENBERG VINCENT	R F D 3	SHEPHERD	48801	MI
34-37-0065	GROSS NORMAN	R F D 1	WEIDMAN	48893	MI
34-37-0092	GRAHAM DALE	R F D 1	MT PLEASANT	48858	MI
34-37-0216	THIELEN DONALD	VANDECAR ROAD	MT PLEASANT	48858	MI
34-38-0015	SANFORD WILLARD	R F D 1	PARMA	49269	MI
34-38-0016	CLOUGH VERNON"SONS	R F D 1	PARMA	49269	MI
34-38-0027	CLARK CONRAD G	ROUTE 1	SPRINGPORT	49284	MI
34-38-0070	DARLING LLOYD	R F D 1	RIVES JUNCTIO	49277	MI
34-38-0076	MICH STATE PRISON	ATTN DAIRY FARM SU	JACKSON	49201	MI
34-38-0101	CARSON AND SEIFERT	8560 FAY LAKE RD	BROOKLYN	49230	MI
34-38-0213	DUNBAR RGI	11727 HARDCASTLE R	BROOKLYN	49230	MI
34-39-0004	KIRKLIN DALE	RFD 3	KALAMAZOO	49001	MI
34-39-0014	FRENCH NORMAN	10004 W MICHIGAN A	KALAMAZOO	49001	MI
34-39-0030	PETERSON EDWARD	R F D 8	KALAMAZOO	49001	MI
34-39-0042	W K KELLOGG FARM	R F D 1	HICKORY CORNE	49060	MI
34-39-0107	MEIER JOHN W	8682 S 36 ST	SCOTTS	49088	MI
34-39-0119	HORSFALL STANLEY	R F D 1	SCOTTS	49088	MI
34-41-0001	SMITH E " GOOD JERRY	MED O BLOOM FARMS	CALEDONIA	49316	MI
34-41-0010	FUSS PAUL	14024 68 TH ST R 2	ALTO	49302	MI
34-41-0014	ROTH ALLEN	C/O A ROTH	LOWELL	49331	MI
34-41-0043	GOLDNER VIRGIL	RR 2	ROCKFORD	49341	MI
34-41-0068	WIERSMA F"ALVERSON C	10472 EASTERN AVE	WAYLAND	49348	MI
34-41-0079	MEYER ROGER"SON	ROD ER DIC FARM R	BYRON CENTER	49315	MI
34-41-0114	RODGERS IRVIN	R 1	ALTO	49302	MI
34-41-0142	WILLCOME CLARENCE	5675 GREELEY RD	ROCKFORD	49341	MI
34-41-0171	ANDERSON DON AND SON	PHELPS AVE ROUTE 1	SPARTA	49345	MI
34-41-0181	LAMOREAUX ROBERT	R R 3	BELDING	48809	MI
34-41-0196	ANDERSON RON"KEN	SILVERSIDE FMS R 2	KENT CITY	49330	MI
34-41-0201	RICHMOND HARRY AND SON	ROUTE 1	LOWELL	49331	MI
34-41-0208	BAIRD ALLEN " BRUCE	BOX 58 RFD 1	LOWELL	49331	MI
34-41-0237	FREELAND BOB"BARTH	RFD 2	KENT CITY	49330	MI
34-41-0238	RODGERS GEORGE	R F D 2	CALEDONIA	49316	MI
34-44-0119	VESELY GENE APACHE	904 MORRIS RD RANC	LAPEER	48446	MI
34-44-0142	SIVEC GEORGE	3155 HARVEY ROAD	CAPAC MICHIGA	48014	MI
34-44-0190	LUDWIG BILL	4662 LUM RD	LUM	48452	MI
34-44-0234	BURLEY LLOYD N " SON	4431 PIERSONVILLE	COLUMBIAVILLE	48421	MI
34-44-0270	WILLIAMS THOMAS H	5671 CADE RD	BROWN CITY	48416	MI
34-44-0284	GRAHAM MARTIN	3005 GAILBRAITH LN	BROWN CITY	48416	MI
34-44-0860	GINGELL NEWELL " SONS	6277 GOSLINE RD	BROWN CITY	48416	MI
34-46-0005	HART W P	HARTLAND FARMS	CLAYTON	49235	MI
34-46-0011	HUTCHISON MYRON"LARRY	HUTCH ABODE FARMS	CLAYTON	49235	MI
34-46-0066	CARNAHAN CLARE	R F D 4	ADRIAN	49221	MI
34-46-0072	EMMONS KEN " ROGER	R F D 2	MORENCI	49256	MI
34-46-0085	RUESINK LLOYD AND SON	R F D 3	ADRIAN	49221	MI
34-46-0086	RUSSELL ROLAND	R F D 16	ADRIAN	49221	MI
34-46-0132	WOLF HAROLD " ROGER	RFD 2	MORENCI	49256	MI
34-46-0133	BEHM WILLARD	R 1 ENG AMER FARM	ADRIAN	49221	MI
34-46-0141	FEIGHT FRED	R F D 1	TECUMSEH	49286	MI
34-46-0190	LONG ROBERT"FRED	R F D 2	TECUMSEH	49286	MI
34-46-0231	HARDY RAYNOR	R F D	TIPTON	49287	MI
34-46-0459	REISTER ARNOLD " SONS	7655 ELLIOT HWY	SAND CREEK	49279	MI
34-46-0487	BLEICH RANDY	R 1	HUDSON	49247	MI
34-46-0620	HART PHILLIP L	1580 HUGHES HWY	CLAYTON	49235	MI
34-46-0647	SANBORN DOUGLAS W	R 1 TEACHOUT	MANITOU BEACH	49253	MI
34-46-0667	LONG G CARLOS"DOUG	R 2	CLAYTON	49235	MI
34-47-0014	RUTTMAN FRANK ROBERT	R 3 LONG CREEK FAR	FOWLERVILLE	48836	MI
34-47-0055	ROBB GEORGE	R F D 1	FOWLERVILLE	48836	MI
34-47-0071	PECKENS KENNETH	R F D 4	HOWELL	48843	MI
34-47-0135	WESSINGER FRANCIS	5100 OAK GROVE RD	HOWELL	48843	MI
34-47-0536	PALMERTON HUGH " SONS	11567 FLEMING ROAD	FOWLERVILLE	48836	MI
34-47-0672	MILES W	8343 NICHOLSON RD	FOWLERVILLE	48836	MI
34-49-0004	FUERSTENAU GORDEN"	RFD 1	RICHMOND	48062	MI
34-49-0016	HOUGH CHARLES	7480 37 MILE 9	ROMEO	48065	MI
34-49-0027	HARTWAY KEN	R F D 3	RICHMOND	48062	MI
34-49-0076	COLBY DALE FARMS INC	COLBYDALE FARMS	ROMEO	48065	MI
34-52-0001	ST HOUSE OF CORRECTION	BOX 779	MARQUETTE	49855	MI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
34-53-0001	WOOD MERLE	RFD 1 WILSON RD	SCOTTVILLE	49454	MI
34-53-0004	PLEINESS WM & HARLAN	R F D 1	SCOTTVILLE	49454	MI
34-53-0008	SCHWASS CARL AND JAMES	R 1	SCOTTVILLE	49454	MI
34-53-0010	BRETSCHNEIDER C&SONS	RT 2	LUDINGTON	49431	MI
34-53-0013	THUROW ROBERT	RT 1	SCOTTVILLE	49454	MI
34-53-0030	EDEL MICHAEL	R 2 BOX 425	SCOTTVILLE	49454	MI
34-53-0052	CREGG FARMS	R 2	SCOTTVILLE	49454	MI
34-54-0001	HATFIELD FARMS	R F D 1	REMUS	49340	MI
34-54-0006	BOYD KENT	R F D 1	HERSEY	49639	MI
34-54-0015	APPELGREEN MARTIN	RT 2	BIG RAPIDS	49307	MI
34-54-0066	THOMPSON ROY	RFD	MECOSTA	49332	MI
34-54-0495	MCNEILLY LOUIS	RR 1	BARRYTON	49305	MI
34-55-0007	BENSON KENNETH	R F D	POWERS	49874	MI
34-55-0024	PHILIBECK JOHN&GORDON	R PHILIBECK FARMS	MENOMINEE	49858	MI
34-55-0068	GRINSTEINER FRANK	R F D	STEPHENSON	49887	MI
34-55-0074	GRONDINE WILLARD	RFD 1	HERMANSVILLE	49847	MI
34-56-0042	HOYT RON&GLEN	R 3	ST LOUIS	48880	MI
34-57-0017	CNOSSEN HAROLD	R F D	FALMOUTH	49632	MI
34-57-0029	SCHUTTE RICHARD & SONS	ROUTE 2	MCBAIN	49657	MI
34-58-0035	ST MARYS FARM	R F D 2	MONROE	48161	MI
34-58-0040	VAN BUSKIRK JAMES	1104 SIGLER RD R	CARLETON	48117	MI
34-58-0072	JOHNSON BROTHERS	3303 DUNBAR RD RT1	MONROE	48161	MI
34-59-0071	WILSON FRANK	R F D	SHERIDAN	48884	MI
34-59-0089	BOOMER DICK	R F D 1	LAKEVIEW	48850	MI
34-61-0001	NELSON DAVID M	RT 1	MONTAGUE	49437	MI
34-61-0005	HARRIS BYRON	RFD	RAVENNA	49451	MI
34-62-0003	KEMPF MAX & TOM	R F D 3	FREMONT	49412	MI
34-62-0005	GRABILL COLLIN	R 2	GRANT	49327	MI
34-62-0021	WESTENFELDER REGINALD	RFD 2	FREMONT	49412	MI
34-62-0025	STROVENS GEORGE W	R 1 BOX 129	FREMONT	49412	MI
34-62-0034	JOHNSON BLAINE	ROUTE 2	HESPERIA	49421	MI
34-62-0511	STROVEN KEN J	R 2	FREMONT	49412	MI
34-62-0547	THOMPSON ROBERT	R 2 6887 16TH ST	FREMONT	49412	MI
34-62-0642	KAMER DONALD	R 2	GRANT	49327	MI
34-62-0643	GRABILL COLLIN	R 2 HERD NO 2	GRANT	49327	MI
34-63-0016	LONG G CARLOS&DOUG	R 2	CLAYTON	49235	MI
34-63-0033	MIDDLETON WM AND TOM	650 HURD RD	ORTONVILLE	48462	MI
34-63-0048	SMITH RALPH E	4925 SAW MILL LAKE	ORTONVILLE	48462	MI
34-63-0148	COOK PAUL	2021 SEYMOUR LAKE	ORTONVILLE	48462	MI
34-63-0162	SCRAHLIN L C&HARVIN	3694 JASSMAN ROAD	HOLLY	48442	MI
34-64-0070	VANGUNST WENDELL	R F D 1	NEW ERA	49446	MI
34-65-0003	ERICKSON GEORGE	R F D	WHITTHORE	48770	MI
34-65-0031	NIER BURT	R 1	WEST BRANCH	48661	MI
34-65-0046	WANGLER DENNIS	R 3	WEST BRANCH	48661	MI
34-67-0024	MORGAN DAVID	MORGANDALE FARM RD	SEARS	49679	MI
34-67-0267	CLARK CLYDE	RFD 1	SEARS	49679	MI
34-67-0280	STRAATHOF WILLIAM S	R F D 1 BOX 168	HERSEY	49639	MI
34-67-0356	CLARK LARRY	R 2 CLYDAL FARM	SEARS	49679	MI
34-70-0002	BUTH GERRITT J	RFD	COOPERSVILLE	49404	MI
34-70-0037	MODDERMAN HENRY	R 2 RIVERDALE FARM	MARNE	49435	MI
34-70-0088	TERHAAR ALBERT JR	RFD 2	HUDSONVILLE	49426	MI
34-70-0094	VAN KLOMPENBERG RICH	RFD 2	HUDSONVILLE	49426	MI
34-70-0104	ZANDSTRA STUART	RFD 2	BYRON CENTER	49315	MI
34-70-0116	SCHREUR GORDON	ROUTE 3	ZEELAND	49464	MI
34-70-0123	BAKER HENRY	R F D 1	BYRON CENTER	49315	MI
34-70-0132	HECKSEL OSCAR & SON	R F D	COOPERSVILLE	49404	MI
34-70-0186	BOSCH JOHANNES & SON	ROUTE 1	ZEELAND	49464	MI
34-70-0245	LANDHEER GEORGE	ROUTE 1	BYRON CENTER	49315	MI
34-70-0300	ROBERTS GEORGE DANIEL	RFD 1	DORR	49323	MI
34-70-0354	ARENDS MATT	18175 56TH AVE RFD	COOPERVILLE	49404	MI
34-70-0528	FRAAZA JOHN JERRY&LYLE	ROUTE 2	ZEELAND	49464	MI
34-73-0001	WARDIN BROTHERS	RT 2	HEMLOCK	48626	MI
34-73-0003	WATSON WARREN	RT 1	HEMLOCK	48626	MI
34-73-0008	GOODMAN EDWIN M	R F D 2	HEMLOCK	48626	MI
34-73-0018	BALLIEN VERNON	RT 1	HEMLOCK	48626	MI
34-73-0062	FRAHM RALPH AND WALTER	ELMWOOD FARM	FRANKENMUTH	48734	MI
34-73-0145	WEISENBERGER EUGENE	4214 DITCH RD	NEW LOTHROP	48460	MI
34-74-0005	DALE FLOYD AND DONALD	R F D 3	HARLETTE	48453	MI
34-74-0023	OSBORN MILTON	R F D	APPLEGATE	48401	MI
34-74-0087	NESBITT GEORGE & BILL	R F D	SANDUSKY	48471	MI
34-74-0113	WIDDOWS WINSTON	R F D	SNOVER	48472	MI
34-74-0114	CUMPER DUDLEY & SONS	R F D 1	HARLETTE	48453	MI
34-74-0161	BEAVER ROBERT	R F D	DECKERVILLE	48427	MI
34-74-0167	CHARD DON	RFD	SNOVER	48472	MI
34-74-0172	CRIPPS PHILLIP	R	PALMS	48465	MI
34-74-0312	KRITZMAN DEAN	R F D	DECKERVILLE	48427	MI
34-74-0324	FERGUSON ALEX	4497 SANDUSKY ROAD	PECK	48466	MI
34-74-0338	BURGESS ROBERT	RFD	BROWN CITY	48416	MI
34-74-0359	COOK CHARLES E	RFD	SANDUSKY	48471	MI
34-74-0440	KAUFMAN JACK L	RFD 1	SANDUSKY	48471	MI
34-74-0805	FIERKE BROTHERS	5622 RIDGE ROAD	PALMS	48465	MI
34-74-0812	DEMARAY FRANK & ROBERT	680 BURNS LINE RD	MELVIN	48454	MI
34-74-0893	CAISTER ROBERT & JAMES	852 SO VANDYKE ROA	HARLETTE	48453	MI
34-76-0005	PARDONNET & HAUGHTON	6801 E WILKINSON R	CORUNNA	48817	MI
34-76-0019	VANIMAN JOHN JR	R F D	OVID	48866	MI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
34-76-0024	KOERNER FLOYD JR	R F D 2	LAINGSBURG	48848	MI
34-76-0053	BRAID ROBERT	R F D 1	DURAND	48429	MI
34-76-0057	GILNA DICK	R F D 2	CORUNNA	48817	MI
34-76-0061	ROCK LLOYD RICHARD	R F D 1	CORUNNA	48817	MI
34-76-0134	HACKNEY J F	R F D 2	DURAND	48429	MI
34-76-0140	COFFEY DARELL	ROUTE 1	BRYON	48418	MI
34-76-0159	WARREN TEDMSON	5461 GRAND RIVER	BANCROFT	48414	MI
34-76-0232	WRIGHT RICHARD	ROUTE 2	CORUNNA	48817	MI
34-77-0011	GRAYBIEL MAX	15630 BOWERS RD	CAPAC	48014	MI
34-77-0018	MCLAREN RAY	4563 BREEN RD RT 1	EMMETT	48022	MI
34-77-0115	LAUWERS DICK	3148 HARVEY RD	CAPAC	48014	MI
34-77-0172	LONDON MAX	LONDON DAIRY FARM	NORTH STREET	48049	MI
34-77-0180	CRAWFORD DOUGLAS	R F D	NORTH STREET	48049	MI
34-77-0185	BROWN RONALD E	5954 CONNELL RD	YALE	48097	MI
34-78-0001	GLEASON HENRY " JAMES	R F D 4	THREE RIVERS	49093	MI
34-78-0014	SCHMIDT EUGENE	R F D 1	MENDON	49072	MI
34-78-0017	COOMER ROBERT	R F D 3	STURGIS	49091	MI
34-78-0046	ROCKELEIN JOE	R F D 1	LEONIDAS	49066	MI
34-78-0064	HENSELLS GOLDEN	RFD 1 PRAIRIE FAR	CONSTANTINE	49042	MI
34-78-0137	DAVIS EDWARD	R F D	LEONIDAS	49066	MI
34-79-0003	CARPENTER CLARE " SON	R F D	CASS CITY	48726	MI
34-79-0007	BLAYLOCK AND RUPPRECHT	R F D 2	VASSAR	48768	MI
34-79-0102	OPPERMAN RONALD	R F D 2	VASSAR	48768	MI
34-79-0839	KEINATH BROTHERS	6533 FRANKENMUTH	VASSAR	48768	MI
34-80-0008	VERNON"WILKINSON	R 6	DOWAGIAC	49047	MI
34-80-0051	VANHORN ALLEN	R 1 BOX 101	BLOOMINGDALE	49026	MI
34-81-0001	GEIGER FR " SONS D	5300 FIVE MILE RD	SOUTH LYONS	48178	MI
34-81-0014	BURMEISTER LEONARD	3575 STEINBACK RD	ANN ARBOR	48103	MI
34-81-0024	SPIKE LOWELL " PETER	3260 SHARON HOLLOW	MANCHESTER	48158	MI
34-81-0030	TAYLOR PAUL	7158 NOBLE RD	SALINE	48176	MI
34-81-0074	GORDON DAVID"PHILIP	4620 WILLOW RD	SALINE	48176	MI
34-81-0134	BRASSOW NORMAN"RICHARD	5365 VAUGHNROAD	DEXTER	48130	MI
34-81-0148	ROUSTER ELLERY " JOHN	15261 GRASS LK RD	GRASS LAKE	49240	MI
34-81-0634	KOZMINSKI IKE	4695 PECKINS	CHELSEA	48118	MI
34-81-0718	BRISTLE STEPHEN E	R 1	MANCHESTER	48158	MI
34-82-0005	BUDD JACK R	42510 EXPRESSWAY	BELLEVILLE	48111	MI
34-84-0001	EMMONS ANSELL AND SON	R F D 2	FAYETTE	43521	OH
34-84-0043	SARVER BEN	COUNTY ROAD 11	PIONEER	43554	OH
35-01-0002	RAY E RODGER	THE RODGER ROOST	OXFORD	53952	WI
35-01-0010	STANLEY HUBER AND SON		OXFORD	53952	WI
35-01-0012	WAYNE JEFFERSON		FRIENDSHIP	53934	WI
35-03-0004	WILLIAM GILL	ROUTE 1	CUMBERLAND	54829	WI
35-03-0007	LOREN HENNEKENS		RICE LAKE	54868	WI
35-03-0008	WAYNE AND JERRY MASSIE	BOX 131 ROUTE 3	CHETEK	54728	WI
35-03-0021	MARVIN FRISINGER		COMSTOCK	54826	WI
35-03-0035	DARYL ALEXANDER		RICE LAKE	54868	WI
35-03-0049	ELMOKA FARM		BARRON	54812	WI
35-03-0053	HARLEY BARFKNECHT		RICE LAKE	54868	WI
35-03-0067	JOHN L BECKER		CUMBERLAND	54829	WI
35-03-0085	SCHUTZHOLM FARM		DALLAS	54733	WI
35-03-0101	ERLAND H ANDERSON	ROUTE 2	RICE LAKE	54868	WI
35-03-0112	HARVIN TORGERSON		COMSTOCK	54826	WI
35-03-0121	DELBERT BULLER		ALMENA	54805	WI
35-03-0124	HARVIN PAULSON		CUMBERLAND	54829	WI
35-03-0133	WALTER ZEMKE		CLAYTON	54004	WI
35-03-0136	BERT ZEMKE		PR FARM	54762	WI
35-03-0145	FLOYD NIELSEN		CUMBERLAND	54829	WI
35-03-0146	ROBERT PENBERTHY	ROUTE 1	ALMENA	54805	WI
35-03-0150	MYRON PAULSON		CUMBERLAND	54829	WI
35-03-0163	KENNETH PETERSON	ROUTE 2 BOX 148	CLAYTON	54004	WI
35-03-0165	EDMUND THOME	ROUTE 2	RICE LAKE	54868	WI
35-03-0308	RICHARD BOL	ROUTE 2	CHETEK	54728	WI
35-03-0346	CLARENCE HATRUD	ROUTE 2	CLAYTON	54004	WI
35-03-0348	JAMES SANDLI	ROUTE 4	RICE LAKE	54868	WI
35-03-0349	W HERBERT MELBYE	ROUTE 1	CAMERON	54822	WI
35-03-0417	ROBERT LENTZ		DALLAS	54733	WI
35-03-0422	DONALD MILLER	RT 1	DALLAS	54733	WI
35-03-0507	REUBEN KRINGLE	ROUTE 2	BARRON	54812	WI
35-03-0688	HARVEY & KEITH JENSEN	ROUTE 4 BOX 120	RIVER FALLS	54022	WI
35-03-0744	FRANKLIN WILSON	ROUTE 1	BARRON	54812	WI
35-04-0010	U W EXPERIMENTAL FARM		ASHLAND	54806	WI
35-04-0046	CAROLE IMRICK	ROUTE 3 BOX 146	ASHLAND	54806	WI
35-05-0004	JULIAN ROMUALD	ROUTE 1	NEW FRANKEN	54229	WI
35-05-0008	DONALD ZITTLOW	ROUTE 3	DE PERE	54115	WI
35-05-0014	JOSEPH E KACZMAREK JR	ROUTE 5	GREEN BAY	54303	WI
35-05-0030	RICHARD DUQUAINE	ROUTE 1	NEW FRANKEN	54229	WI
35-05-0035	LARRY MOORE		LTL SUAMICO	54141	WI
35-05-0037	WIS STATE REFORMATORY	BOX WR	GREEN BAY	54305	WI
35-05-0047	ROBERT & DAN NATZKE	ROUTE 1	GREENLEAF	54126	WI
35-05-0048	JAMES HOSKENS	RR 2	DE PERE	54115	WI
35-05-0057	ROBERT J JANSSEN	ROUTE 2	DE PERE	54115	WI
35-05-0063	H E DAVIS JR	868 E ST FRANCS	DE PERE	54115	WI
35-05-0068	ROCKYVALE FARMS	ROUTE 3	DEPERE	54178	WI
35-05-0069	ELMER SMITS	ROUTE 1	ONEIDA	54155	WI
35-05-0074	ANDREW ROSEK	ROUTE 3	DENMARK	54208	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-05-0079	FRANK BIALOZYNSKI	ROUTE 2	PULASKI	54162	WI
35-05-0086	EARL BRITTNACHER	ROUTE 1	GREENLEAF	54126	WI
35-05-0088	MORRIS CAVIL	ROUTE 1	W DE PERE	54178	WI
35-05-0091	TOM DINY	ROUTE 1	GREENLEAF	54126	WI
35-05-0092	NORBERT LEBAL	ROUTE 1	DE PERE	54115	WI
35-05-0103	NORBERT RONK	ROUTE 3	DENMARK	54208	WI
35-05-0114	CLARNC & CARL VANDERVERE	ROUTE 4	GREEN BAY	54305	WI
35-05-0407	RICHARD HERRMANN JR	ROUTE 2	GREENLEAF	54126	WI
35-05-0441	PINEY AYR FM-L E SCHMIDT	ROUTE 1	GREENLEAF	54126	WI
35-06-0002	MERLIN HAEUSER	ROUTE 1	COCHRANE	54622	WI
35-06-0006	DOUBLE J FARM	ROUTE 2	MONDOVI	54755	WI
35-06-0012	DUTEE SEYFORTH	ROUTE 1	MONDOVI	54755	WI
35-06-0022	ROSENHOLM FARMS	ROUTE 1	COCHRANE	54622	WI
35-06-0028	MARVIN & KEN PASSOW	ROUTE 3	MONDOVI	54755	WI
35-06-0035	JAMES SCHMIDTKNECHT		ALMA	54610	WI
35-06-0049	RONALD & RICKY FLURY	ROUTE 1	ALMA	54610	WI
35-06-0051	PAUL I ACCOLA	ROUTE 1	MONDOVI	54755	WI
35-06-0149	BERNARD SCHMIDTKNECHT	ROUTE 4	MONDOVI	54755	WI
35-06-0165	LOREN WOLFE	RURAL ROUTE	COCHRANE	54622	WI
35-07-0010	JAMES GLOVER JR		GRANTSBURG	54840	WI
35-07-0064	WAYNE M PICKNELL	ROUTE 2	WEBSTER	54893	WI
35-08-0005	VICTOR GEISER	ROUTE 2	NEW HOLSTEIN	53061	WI
35-08-0006	GLENN M HACKER NO 1	ROUTE 1	BRILLION	54110	WI
35-08-0007	ROSS H HACKER	ROUTE 1	BRILLION	54110	WI
35-08-0013	ALFRED KEULER	ROUTE 2	KIEL	53042	WI
35-08-0025	SYLVESTER WAGNER	ROUTE 3	CHILTON	53014	WI
35-08-0027	LEONARD WOELFEL	ROUTE 1	HILBERT	54129	WI
35-08-0033	ELDER GILBERTSON	ROUTE 4	KAUKAUNA	54130	WI
35-08-0035	JOSEPH M MIRSBERGER	ROUTE 2	HILBERT	54129	WI
35-08-0043	DONALD SCHNELL	ROUTE 1	BRILLION	54110	WI
35-08-0045	REUBEN OTT AND SONS	ROUTE 2	HILBERT	54129	WI
35-08-0048	WALTER J SCHNEIDER	ROUTE 2	KIEL	53042	WI
35-08-0059	OSCAR HEDRICH JR	ROUTE 1	BRILLION	54110	WI
35-08-0073	GERALD GEISER	ROUTE 2	HILBERT	54129	WI
35-08-0076	WILLIAM SCHOLZ	ROUTE 1	HILBERT	54129	WI
35-08-0096	VAN TREECK BROS	ROUTE 4	KAUKAUNA	54130	WI
35-08-0300	MARTIN BIESE	ROUTE 2	NEW HOLSTEIN	53061	WI
35-09-0007	CLOVER BELT FARM		JIM FALLS	54748	WI
35-09-0010	NO. WIS COL & TRG SCH		CHIPPEWA FLS	54729	WI
35-09-0011	HOWARD WEBER	ROUTE 1	BLOOMER	54724	WI
35-09-0028	LEONARD PECK	ROUTE 1 BOX 285	CHIPPEWA FLS	54729	WI
35-09-0033	CHIPPEWA CO HOSPITAL	BOX 68	CHIPPEWA FLS	54729	WI
35-09-0035	ARNOLD BUCHNER	ROUTE 2	BLOOMER	54724	WI
35-09-0041	R SAMPLAWSKI-R BLANCHETT	ROUTE 1	STANLEY	54768	WI
35-09-0047	LLOYD BENSON	ROUTE 3	COLFAX	54730	WI
35-09-0060	ROGER KRESSIN	ROUTE 2 BOX 8	CHIPPEWA FLS	54729	WI
35-09-0076	DON MULLEN	ROUTE 3	BLOOMER	54724	WI
35-09-0078	HARLAND DANIELSON	ROUTE 1	CADOTT	54727	WI
35-09-0079	BERNARD DANIELSON	ROUTE 1	CADOTT	54727	WI
35-09-0113	VALLEY BEAU FARMS INC	ROUTE 1 BOX 55	CHIPPEWA FLS	54729	WI
35-09-0161	JENSEN BROTHERS	ROUTE 3 BOX 125	COLFAX	54730	WI
35-09-0172	HENRY & CEDRIC BOETTCHER	ROUTE 2	CADOTT	54727	WI
35-09-0412	TRUMAN SCHUEGEL	RR 1	STANLEY	54767	WI
35-10-0005	LOUIS DUX	DUXDALE FARM	NEILLSVILLE	54456	WI
35-10-0017	SELZ FARM INC		HUNBIRD	54746	WI
35-10-0029	KEITH & DAWN STUMP	DISTINCTION FMS	GREENWOOD	54437	WI
35-10-0037	CLARK COUNTY HOSPITAL	CLARK CO	OWEN	54460	WI
35-10-0039	HUBBARD HOLSTEIN DAIRY		THORP	54771	WI
35-10-0044	ALLEN HUBBARD		THORP	54771	WI
35-10-0055	DARREL HORN	ROUTE 3	GREENWOOD	54437	WI
35-10-0056	FRANK J KLINKE	ROUTE 3	GREENWOOD	54437	WI
35-10-0057	ART GADDIS & SONS	VALU AYR FARM	WITHEE	54498	WI
35-10-0059	MELVIN APPLEYARD		NEILLSVILLE	54456	WI
35-10-0065	NORMAN MEISSNER & SONS	ROUTE 1	CHILI	54420	WI
35-10-0068	HELEN GARBISCH & SON	ROUTE 2	GRANTON	54436	WI
35-10-0069	EARL & JACK BOSS	ROUTE 1	COLBY	54421	WI
35-10-0071	PIERCE OWENS JR.	HEDGEVALE FARM	LOYAL	54446	WI
35-10-0072	WM G MICKE	ROUTE 3	STANLEY	54760	WI
35-10-0084	JOHN SEEFELDT	ROUTE 1	GRANTON	54436	WI
35-10-0089	GERALD GLASSHOF	BOX 100	THORP	54771	WI
35-10-0127	GEORGE RAU		DORCHESTER	54425	WI
35-10-0263	GARY A STERNITZKY	ROUTE 1	GRANTON	54436	WI
35-10-0345	CYRIL JOCHIMSEN		DORCHESTER	54425	WI
35-10-0358	HARLAN PRESTIEN	PRESVIEW HOLS	UNITY	54488	WI
35-10-0390	SCHEELS HOLSTEIN HAVEN	ROUTE 1	NEILLSVILLE	54456	WI
35-10-0465	CARL C PEDERSEN	ROUTE 1 BOX 46	LOYAL	54446	WI
35-10-0539	ROBERT A HUBBARD	ROUTE 1	WITHEE	54498	WI
35-10-0772	EDWARD SELZ	ROUTE 2	LOYAL	54446	WI
35-10-0834	GORDON HASELOW	ROUTE 2	SPENCER	54479	WI
35-11-0001	R BECKER & HAROLD COBBS		LODI	53555	WI
35-11-0011	LEONARD SENNHENN	ROUTE 3	COLUMBUS	53925	WI
35-11-0021	RUSSELL WATERWORTH		FALL RIVER	53932	WI
35-11-0030	COLUMBIA CO HOSPITAL		WYOCENA	53969	WI
35-11-0033	WILLIAM & CARL LEHKE	ROUTE 3	COLUMBUS	53925	WI
35-11-0035	JOHN J VOEGELI	ROUTE 1	ARLINGTON	53911	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-11-0042	GUSTAVE A GAUMITZ		FALL RIVER	53932	WI
35-11-0047	DON WEINER	ROUTE 3	COLUMBUS	53925	WI
35-11-0048	ROGER & RONALD WEILAND		COLUMBUS	53925	WI
35-11-0050	JEROME R HABERKORN	ROUTE 1	DALTON	53926	WI
35-11-0054	JOHN WOODWARD	CURTWOOD FARMS RT	RIO	53960	WI
35-11-0092	DONALD P NELSON	ROUTE 3	WIS. DELLS	53965	WI
35-12-0003	C H KRONING AND SONS	ROUTE 3	SOLDIERS GRV	54655	WI
35-12-0007	AHRENS DAIRY FARM	BOX 150	PR DU CHIEN	53821	WI
35-12-0027	KAY GARVEY		EASTMAN	54626	WI
35-12-0069	DON WACHTER		PR DU CHIEN	53821	WI
35-12-0158	KNUTE HJELLE	ROUTE 1	WAUZEKA	53826	WI
35-13-0037	ALFRED KELLER	ROUTE 1	OREGON	53575	WI
35-13-0040	ELECTRIC RESEARCH FOUND.	ROUTE 1	DE FOREST	53532	WI
35-13-0042	R A GEFKE AND SONS		OREGON	53575	WI
35-13-0049	MAURICE E COOPER		DE FOREST	53532	WI
35-13-0050	MARTIN & DAVID GUNNULSON	ROUTE 1	CAMBRIDGE	53523	WI
35-13-0051	DAVID HELL	ROUTE 2	WAUNAKEE	53597	WI
35-13-0058	TED HADDELL		MARSHALL	53559	WI
35-13-0062	CHARLES DETERT JR		MARSHALL	53559	WI
35-13-0066	ROMAN ZWETTLER	ROUTE 1	BLUE MOUNDS	53517	WI
35-13-0094	OREGON STATE FARM		OREGON	53575	WI
35-13-0118	HARRY WEIER JR		DEERFIELD	53531	WI
35-13-0121	DENTON GEORGESON	ROUTE 5 BOX 175	MADISON	53704	WI
35-13-0122	DONALD G PETERSON	ROUTE 3	MT HOREB	53572	WI
35-13-0125	ALVIN HAAG	ROUTE 1	MT HOREB	53572	WI
35-13-0127	BOYD OPSAL		BLUE MOUNDS	53517	WI
35-13-0128	PAUL PETERSON	ROUTE 3	MT HOREB	53572	WI
35-13-0136	DONALD KELLESVIG	ROUTE 2	MT HOREB	53572	WI
35-13-0137	TRUMAN KITTLESON	ROUTE 2	MOUNT HOREB	53572	WI
35-13-0162	BERNARD O RATTMAN	ROUTE 1 BOX 445 D	MADISON	53704	WI
35-13-0195	ROGER RINGGENBERG	ROUTE 2	VERONA	53593	WI
35-13-0201	HEATHERCREST FARMS INC.	ROUTE 1	VERONA	53593	WI
35-13-0257	CLETUS HAAG	ROUTE 1	MARSHALL	53559	WI
35-13-0293	KAHL FARMS	GARY KAHL	VERONA	53593	WI
35-13-0296	CLIFFORD GUST	ROUTE 2	VERONA	53593	WI
35-13-0297	KARL & MARLIN HILD	R. F. D. 2	BELLEVILLE	53508	WI
35-13-0308	KENNETH MAYBERRY	ROUTE 2	STOUGHTON	53589	WI
35-13-0320	UNIV OF WISCONSIN	DAIRY CATTLE CENTE	MADISON 6	53706	WI
35-13-0324	MERLIN A VOSS		VERONA	53593	WI
35-13-0326	ELMER BAKER	R R 1	MT HOREB	53572	WI
35-13-0327	RICHARD A SUTTER		MT HOREB	53572	WI
35-13-0329	BLACK HAVEN FARM	KENNETH CUTSFORTH	MAZOMANIE	53560	WI
35-13-0330	W MAIER & O FESTGE		CROSS PLNS	53528	WI
35-13-0336	JOSEPH A HAACK	ROUTE 1	MT HOREB	53572	WI
35-13-0499	DAVID REIERSON	ROUTE 1 BOX 192	EDGERTON	53534	WI
35-14-0015	WILLIAM BUSKE	ROUTE 2	MAYVILLE	53050	WI
35-14-0019	ROGER KRANZ	ROUTE 2	COLUMBUS	53925	WI
35-14-0025	JOE STIPPICH	ROUTE 1	WATERLOO	53594	WI
35-14-0026	NEAL STIPPICH	ROUTE 4	BEAVER DAM	53916	WI
35-14-0037	WILLARD NEHLS FM 3	ROUTE 2	JUNEAU	53039	WI
35-14-0038	DAVE MC FARLAND	ROUTE 5	WATERTOWN	53094	WI
35-14-0041	BURTON WILLIAMS	ROUTE 5	WATERTOWN	53094	WI
35-14-0046	WILLIAM NASS	ROUTE 1	WATERTOWN	53094	WI
35-14-0053	MRS EDWARD R BOETCHER	ROUTE 1	WATERLOO	53594	WI
35-14-0057	ERWIN BUSS	ROUTE 1	WATERLOO	53594	WI
35-14-0074	PAUL FRANK	ROUTE 1 BOX 112	MAYVILLE	53050	WI
35-14-0081	ANGLEWOOD FARMS	RURAL ROUTE 1	FOX LAKE	53933	WI
35-14-0090	WILLARD NEHLS FM 2	ROUTE 2	JUNEAU	53039	WI
35-14-0092	GORDON E BERG	ROUTE 1 BOX 228	BROWNSVILLE	53006	WI
35-14-0093	ANTHONY HESPRICH	ROUTE 1	LOMIRA	53048	WI
35-14-0096	WILLARD NEHLS FM 1	ROUTE 2	JUNEAU	53039	WI
35-14-0101	ALBERT & WES PAGE	ROUTE 1	LOMIRA	53048	WI
35-14-0102	DUANE & DENNIS ZIMMERMAN	BUTTERCUP FARM 1	FOX LAKE	53933	WI
35-14-0106	LORENZ PAGEL	ROUTE 1	JUNEAU	53039	WI
35-14-0108	RICHARD BUDDE	ROUTE 4	BEAVER DAM	53916	WI
35-14-0116	R A SCHWANTES & W MAASKE	WEST SIDE FARM	HORICON	53032	WI
35-14-0122	JAMES GEHL		NEOSHO	53059	WI
35-14-0124	L NEHLS JR HERD	ROUTE 1	JUNEAU	53039	WI
35-14-0141	PEARSON AND BUNKOSKE	ROUTE 1	HORICON	53032	WI
35-14-0145	MAYLOND KRUG	ROUTE 1	BROWNSVILLE	53006	WI
35-14-0154	WILBERT ZIMMERMAN	BUTTERCUP FM 2	MARKESAN	53946	WI
35-14-0161	LELAND GUNST	ROUTE 3	HARTFORD	53027	WI
35-14-0165	LAWRENCE MAIER	ROUTE 2	COLUMBUS	53925	WI
35-14-0166	LAUREN VANDE ZANDE	ROUTE 1	WAUPUN	53963	WI
35-14-0169	HARVEY PAUTZ	ROUTE 2	JUNEAU	53039	WI
35-14-0174	RUDOLPH BAUER	RR 1 BOX 142	BROWNSVILLE	53006	WI
35-14-0176	OLIVER PROPST	ROUTE 1	BEAVER DAM	53916	WI
35-14-0186	SYLVESTER CLAAS	ROUTE 1	WATERTOWN	53094	WI
35-14-0199	HARVEY A BRAUNSCHWEIG	ROUTE 1	BURNETT	53922	WI
35-14-0200	RUBEN LAU		LOMIRA	53048	WI
35-14-0204	HENRY SCHNITZLER	ROUTE 1	THERESA	53091	WI
35-14-0208	LESLIE A PRIBNOW & SON	ROUTE 1 BOX 244	BROWNSVILLE	53006	WI
35-14-0212	JULIUS L SCHNEIDER	ROUTE 1	REESEVILLE	53579	WI
35-14-0215	GORDON EVERSON	ROUTE 1	WATERLOO	53594	WI
35-14-0216	WILLARD NEHLS FM 4	ROUTE 1	JUNEAU	53039	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-14-0220	ARLEN SCHELLPFEFFER	ROUTE 1	HORICON	53032	WI
35-14-0224	LAWRENCE & DONALD BELLIN	ROUTE 1	LOMIRA	53048	WI
35-14-0229	WARREN A SMITH	432 FREMONT ST	WATERTOWN	53094	WI
35-14-0239	EDGAR F BRAUNSCHWEIG	ROUTE 1	NEOSHO	53059	WI
35-14-0241	WENDORF BROS	ROUTE 1	NEOSHO	53059	WI
35-14-0242	ELMO & NILES WENDORF	ROUTE 1	IXONIA	53036	WI
35-14-0357	PALMER NEHLS	ROUTE 2	JUNEAU	53039	WI
35-14-0369	ALLEN SELL	ROUTE 6	WATERTOWN	53094	WI
35-14-0401	WALDEMAR SCHLIEWE	ROUTE 1	WATERTOWN	53094	WI
35-14-0406	LESTER GRIEPENTROG	ROUTE 1	THERESA	53091	WI
35-14-0427	CARL WERNER	ROUTE 1	BEAVER DAM	53916	WI
35-14-0431	ALFRED SCHOENIKE	ROUTE 1	IXONIA	53036	WI
35-14-0462	CAROL L EHLERS	ROUTE 1 BOX 107	HAYVILLE	53050	WI
35-14-0475	ELROY C MITTELSTADT	R R 1	HAYVILLE	53050	WI
35-14-0485	WILLIAM H RUPNOW	RURAL ROUTE	RANDOLPH	53956	WI
35-14-0554	RONALD DOBBERPUHL	ROUTE 1	HORICON	53032	WI
35-14-0560	WILBERT & JAMES LANDMEIE	ROUTE 1	JUNEAU	53039	WI
35-14-0584	KENNETH E BUSS	ROUTE 1	WATERLOO	53594	WI
35-14-0587	TED SCHMIDT	ROUTE 1	WATERLOO	53594	WI
35-14-0609	HARVEY VANDE ZANDE	ROUTE 2 BOX 356	WAUPUN	53963	WI
35-14-0629	ORVILLE KEMINK	ROUTE 1	WAUPUN	53963	WI
35-14-0709	LESTER SCHAOEHANN	ROUTE 2	WATERTOWN	53094	WI
35-14-0725	DALE A HENBROOK	ROUTE 1 BOX 230	RUBICON	53078	WI
35-14-0756	PAUL RICE	ROUTE 1	WATERTOWN	53094	WI
35-14-0757	MILTON ROLL	ROUTE 2	JUNEAU	53039	WI
35-14-0758	DONALD KIESOW	ROUTE 1	WATERLOO	53594	WI
35-14-0785	E J ELLIS SR & C W FIRAR	ROUTE 1	REESEVILLE	53579	WI
35-14-0829	ARTHUR KUIPER	RR 1 BOX 131	WAUPUN	53963	WI
35-15-0004	BYRON FEHL	ROUTE 1	STURGEON BAY	54235	WI
35-15-0007	HENRY KINTOPF	ROUTE 6	STURGEON BAY	54235	WI
35-15-0017	WILFERD VANDERTIE		BRUSSELS	54204	WI
35-15-0018	RICHARD ROZEK	ROUTE 6	STURGEON BAY	54235	WI
35-15-0031	JOSEPH KUEHN		EGG HARBOR	54209	WI
35-15-0033	NORMAN & JOE WAUTIER	ROUTE 1	BRUSSELS	54204	WI
35-15-0048	GRAF FARMS	ROUTE 6	STURGEON BAY	54235	WI
35-15-0095	ROBERT J DELORIT	ROUTE 1	FORESTVILLE	54213	WI
35-15-0127	MILTON STAATS	ROUTE 1	STURGEON BAY	54235	WI
35-15-0292	TERRANCE M BONNEY	ROUTE 3	STURGEON BAY	54235	WI
35-15-0298	HARRY J COISMAN	ROUTE 6	STURGEON BAY	54235	WI
35-16-0031	LLOYD ROUNSVILLE		POPLAR	54864	WI
35-17-0009	FRANK B MERRITT	ROUTE 1	MENOMONIE	54751	WI
35-17-0016	R & V LEGANDER	ROUTE 2	SPG VALLEY	54767	WI
35-17-0019	WAYSIDE ACRES INC	WAYNE & ROGER BAIE	ELMWOOD	54740	WI
35-17-0031	ALVIN & GLEN QUILLING	ROUTE 1	ELK MOUND	54739	WI
35-17-0048	PAUL W PELLETT	ROUTE 6	MENOMONIE	54751	WI
35-17-0051	GRANT STYER		KNAPP	54749	WI
35-17-0055	EDGAR & CLIFFORD RANNEY	ROUTE 1	BOYCEVILLE	54725	WI
35-17-0060	NEIL GOVIN	ROUTE 2	MENOMONIE	54751	WI
35-17-0072	EDMUND & WAYNE COOK	ROUTE 3	MENOMONIE	54751	WI
35-17-0073	DAVID ASPEN	ROUTE 2	MENOMONIE	54751	WI
35-17-0078	LUND BROS	ROUTE 6	MENOMONIE	54751	WI
35-17-0079	DORIS KLATT	ROUTE 1	MENOMONIE	54751	WI
35-17-0084	RAYMOND SCORE	ROUTE 2	BOYCEVILLE	54725	WI
35-17-0107	RONALD SPAETH	ROUTE 4	MENOMONIE	54751	WI
35-17-0121	HAROLD & DAVID KREUTZER	ROUTE 3	MENOMONIE	54751	WI
35-17-0224	STALLMAN BROTHERS	ROUTE 2	ELK MOUND	54739	WI
35-17-0415	WILLIAM & KATHLEEN REUSC	ROUTE 2	GLENWOOD CTY	54013	WI
35-17-0478	JAMES KNOPPS		BOYCEVILLE	54725	WI
35-17-0541	PAUL HOFLAND	ROUTE 5	MENOMONIE	54751	WI
35-17-0619	PETER EOSTROM	RT 1	RIDGELAND	54763	WI
35-18-0001	DONALD NELSON	ROUTE 3	EAU CLAIRE	54701	WI
35-18-0020	A. SCHIEFELBEIN & SON	ROUTE 1	FALL CREEK	54742	WI
35-18-0021	WERNER BREMEL	ROUTE 1	FALL CREEK	54742	WI
35-18-0033	ERICKSON FARMS	ROUTE 3 BOX 227	EAU CLAIRE	54701	WI
35-18-0052	ELMER & DALE HONADEL	ROUTE 2	AUGUSTA	54722	WI
35-18-0058	MERVIN CARLSON	ROUTE 2	AUGUSTA	54722	WI
35-18-0076	VALLEY VIEW ACRES	ROUTE 1	ELEVA	54738	WI
35-18-0132	JOSEPH YAROLIMEK	ROUTE 1	OSSEO	54758	WI
35-18-0149	KENNETH KNUTH	ROUTE 2	FALL CREEK	54742	WI
35-20-0002	ROBERT D GRASEE	ROUTE 1	RIPON	54971	WI
35-20-0018	HH PEACHY	ROUTE 1	ELDORADO	54932	WI
35-20-0031	KERMIT ERDMANN	ROUTE 1	LOMIRA	53048	WI
35-20-0034	GORDON E IMMEL	ROUTE 6 BOX 280	FOND DU LAC	54935	WI
35-20-0065	EDGAR & JOE JULKA	ROUTE 1	MALONE	53049	WI
35-20-0071	THEODORE WELLES		ROSENDALE	54974	WI
35-20-0088	ROBERT A BIRD	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0091	HENRY HAYES	ROUTE 2	FOND DU LAC	54935	WI
35-20-0102	KENNETH RHEIN	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0107	MARVIN HAYES AND SON	ROUTE 1	CAMPBELLSPT	53010	WI
35-20-0110	RAY & DAN ARNDT	ROUTE 6	FOND DU LAC	54935	WI
35-20-0112	BERNARD SHERIDAN	ROUTE 3	FOND DU LAC	54935	WI
35-20-0119	ERWIN & MICHAEL BEILKE	ROUTE 1	FAIRWATER	53931	WI
35-20-0149	DON F INDERHUELE	ROUTE 1	BROWNSVILLE	53006	WI
35-20-0158	LEANDER SIPPEL	ROUTE 1	MT CALVARY	53057	WI
35-20-0177	DONALD HOLLANDER	ROUTE 1	ROSENDALE	54974	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-20-0187	JAMES MURPHY	ROUTE 3	FOND DU LAC	54935	WI
35-20-0190	CLARENCE BOYKE	ROUTE 3	FOND DU LAC	54935	WI
35-20-0200	HAGEMANS HOLSTEINS FARM	ROUTE 3	FOND DU LAC	54935	WI
35-20-0208	DONALD RICKERT	ROUTE 1	ELDORADO	54932	WI
35-20-0209	DAVID ROSE	ROUTE 1	EDEN	53019	WI
35-20-0216	ALFRED & RICHARD ZINKE		SOUTH BYRON	53087	WI
35-20-0217	ART BEIER	RT 1	ROSENDALE	54974	WI
35-20-0219	R BLIEFNICK & NEITMAN	ROUTE 2	WAUPUN	53963	WI
35-20-0225	HERWIN SAMPSON	8575 HICKORY RD.	PICKETT	54964	WI
35-20-0230	LEANDER DITTER	ROUTE 1	MALONE	53049	WI
35-20-0236	LYLE LINDEMAN	ROUTE 1	BRANDON	53919	WI
35-20-0253	PAUL RUEDINGER	ROUTE 1	VANDYNE	54979	WI
35-20-0263	ELMER HEINERMANN	ROUTE 1	CAMPBELLSPT	53010	WI
35-20-0264	VICTOR STEFFES		ST. CLOUD	53079	WI
35-20-0273	HARLAND KEMINK	ROUTE 2	WAUPUN	53963	WI
35-20-0437	WAYNE TAVS	ROUTE 1	BRANDON	53919	WI
35-20-0468	ROBERT SCHULTZ	ROUTE 1	VANDYNE	54979	WI
35-20-0500	DONALD F. COOPER	ROUTE 1 BOX 61	GLENBEULAH	53023	WI
35-20-0504	LLOYD A STEKMANN	ROUTE 1	ST CLOUD	53079	WI
35-20-0507	DARYL KUENZI	ROUTE 1	MT CALVARY	53057	WI
35-20-0543	RAY & DICK ARNDT	ROUTE 6	FOND DU LAC	54935	WI
35-20-0584	DONALD H WOLF	ROUTE 6	FOND DU LAC	54935	WI
35-20-0628	PAUL TOLSMA	ROUTE 1	BRANDON	53919	WI
35-20-0629	WILBUR LANING	ROUTE 2	BRANDON	53919	WI
35-20-0646	PAUL LEVORSON	ROUTE 1	OAKFIELD	53065	WI
35-22-0001	GROVER SCHELINGER		STITZER	53825	WI
35-22-0025	ROBERT QUICK		BAGLEY	53801	WI
35-22-0029	HAROLD STREIF		LANCASTER	53813	WI
35-22-0047	SCHNEIDER AND JOHLL		CUBA CITY	53807	WI
35-22-0048	RICHARD H TIMMERMAN	ROUTE 1	CUBA CITY	53807	WI
35-22-0050	FLOYD MONROE	ROUTE 2	FENNIMORE	53809	WI
35-22-0052	WAYNE CARNS		PLATTEVILLE	53818	WI
35-22-0056	WM & KENNETH FRANKENHOFF		BOSCOBEL	53805	WI
35-22-0066	MARK NICHOLS		MT HOPE	53816	WI
35-22-0072	DALE & GERALD MOON		PLATTEVILLE	53818	WI
35-22-0078	WM E PINK		LANCASTER	53813	WI
35-22-0087	ROY GREENE		PLATTEVILLE	53818	WI
35-22-0182	SID PETERSON & SONS		LANCASTER	53813	WI
35-22-0225	VERNON J PLACKE	ROUTE 1	CUBA CITY	53807	WI
35-22-0227	RICHARD L DE BUHR		PLATTEVILLE	53818	WI
35-22-0232	VIRGIL WACKERSHAUSER		LANCASTER	53813	WI
35-22-0261	ROBERT NOODLF		LIVINGSTON	53554	WI
35-22-0286	ROBERT VOIGTS		PLATTEVILLE	53818	WI
35-22-0383	HAROLD & STANLEY FRITZ		WOODMAN	53827	WI
35-22-0497	GERALD VOSBERG		CUBA CITY	53807	WI
35-22-0513	FRANCIS VAN NATTA	ROUTE 4	PLATTEVILLE	53818	WI
35-22-0529	THOMAS HARVEY JR	ROUTE 1	HAZEL GREEN	53811	WI
35-22-0667	JACK C. DANHOF	RT 2	LANCASTER	53813	WI
35-23-0008	DONALD KOE	ROUTE 1	MONROE	53566	WI
35-23-0010	KENDALL & STEPHEN DIGMAN	RT 3	MONROE	53566	WI
35-23-0012	LAURENCE SALESMAN	ROUTE 1	ARGYLE	53504	WI
35-23-0022	DEAN STREIFF		NEW GLARUS	53574	WI
35-23-0024	RICHARD HORN	ROUTE 1 BOX 102	BROOKLYN	53521	WI
35-23-0026	E R AND E J KADERLY	ROUTE 1	JUDA	53550	WI
35-23-0029	ART & BURLEIGH BARTLETT	RT 1	MONROE	53566	WI
35-23-0032	KENNETH & NATHAN HARTWIG	RT 1	MONROE	53566	WI
35-23-0034	CARL & KENNETH WYSS	ROUTE 4	MONROE	53566	WI
35-23-0038	VOEGELI FARM INC	H & J VOEGELI	MONTICELLO	53570	WI
35-23-0042	EARL GRENZOW	RFD. #1	JUDA	53550	WI
35-23-0046	JOHN RUFI & SON	ROUTE 2 BOX 236	MONROE	53566	WI
35-23-0048	HERB HUFFMAN & SON	ROUTE 1	MONROE	53566	WI
35-23-0057	BILL HARTWIG	ROUTE 3	MONROE	53566	WI
35-23-0063	NATHAN BEAR & JAMES PRIC	SUGAR VALLEY FARM	BRODHEAD	53520	WI
35-23-0074	RALPH KUBLY		MONTICELLO	53570	WI
35-23-0075	C KENNETH NORTON	ROUTE 2	MONROE	53566	WI
35-23-0076	DANIEL F WYSS	ROUTE 1	MONROE	53566	WI
35-23-0079	FORREST LADWIG	ROUTE 2	MONROE	53566	WI
35-23-0091	HAROLD HOESLY		NEW GLARUS	53574	WI
35-23-0093	HUBERT & R ELMER	VILLAGE EDGE FM	NEW GLARUS	53574	WI
35-23-0099	DELBERT SODDY		BROWNTOWN	53522	WI
35-23-0101	SYLVAN ERICKSON	ROUTE 1	BLANCHARDVL	53516	WI
35-23-0102	JOHN & DARRELL BOLLIG	ROUTE 1	BELLEVILLE	53508	WI
35-23-0103	RALPH SELLNOW	ROUTE 2	MONROE	53566	WI
35-23-0107	ELMER & DWIGHT HOESLY	ROUTE 1	BELLEVILLE	53508	WI
35-23-0169	PAUL ELMER JR		BROOKLYN	53521	WI
35-23-0176	ALLEN MYHRE & TROW BROS.	ROUTE 1	BROOKLYN	53521	WI
35-23-0235	FRANCIS FAHEY	ROUTE 2	BELLEVILLE	53508	WI
35-23-0241	HERMAN BAUMGARTNER	ROUTE 1	NEW GLARUS	53574	WI
35-23-0254	NELSON MC CAMMON	ROUTE 1 BOX 148	MONROE	53566	WI
35-23-0279	MELVIN & RICHARD REESE	RURAL ROUTE	BROOKLYN	53521	WI
35-23-0336	CHARLES MODAFF		MONTICELLO	53570	WI
35-23-0452	DALE KRATZENBERG	ROUTE 1	MONTICELLO	53570	WI
35-23-0485	JOHN SWAAG	ROUTE 1	JUDA	53550	WI
35-23-0495	ABERT J NYHUS		BLANCHARDVL	53516	WI
35-23-0498	RICHARD B GORDEE		ARGYLE	53504	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-24-0022	LEROY KASIERSKI	ROUTE 1	PRINCETON	54968	WI
35-24-0024	ARDEN HENSLIN	ROUTE 1	MARKESAN	53946	WI
35-24-0027	ALDEN GRAHN	ROUTE 2	MARKESAN	53946	WI
35-24-0038	DONALD GELHAR & SONS	ROUTE 2	BERLIN	54923	WI
35-24-0039	ROLAND JAHNKE & SONS	ROUTE 2	MARKESAN	53946	WI
35-24-0058	ROGER LADWIG		GREEN LAKE	54941	WI
35-24-0064	HAROLD JANES	ROUTE 2	BERLIN	54923	WI
35-24-0196	ROY CREEK DAIRY FM	R 3 BOX 93	MARKESAN	53946	WI
35-25-0019	BURT MC KENZIE		HOLLANDALE	53544	WI
35-25-0022	ARNESON AG CR CORP		BARNEVELD	53507	WI
35-25-0026	RAY & TED THOMPSON		BARNEVELD	53507	WI
35-25-0036	PARNELL HAMILTON		BLANCHARDVL	53516	WI
35-25-0056	ADOLPH & LEROY ABPLANALP		ARENA	53503	WI
35-25-0073	LOREN JOHNSEN		COBB	53526	WI
35-25-0114	RALPH PAULSON	ROUTE 1	BARNEVELD	53507	WI
35-25-0201	RICHARD BOLLERUD		HOLLANDALE	53544	WI
35-25-0269	DALE POPE		ARENA	53503	WI
35-25-0358	NORMAN LAUFFER	RURAL ROUTE	RIDGEWAY	53582	WI
35-25-0413	JON SMITH	ROUTE 3	DODGEVILLE	53533	WI
35-25-0461	JACK ROCK & SONS		DODGEVILLE	53533	WI
35-27-0003	FRANCIS HELLER JR	ROUTE 2	ALMA CENTER	54611	WI
35-27-0004	WILLIAM J PFAFF	ROUTE 2	ALMA CENTER	54611	WI
35-27-0012	EDSAN GEARING	ROUTE 1	MERRILLAN	54754	WI
35-27-0017	NORMAN JOHNSON		BLK RIVR FLS	54615	WI
35-27-0025	BRUCE ODEEN		BLK RIVR FLS	54615	WI
35-27-0032	FRED MOSELEY		HIXTON	54635	WI
35-27-0039	RUSSELL G & GARY STETZER	ROUTE 1	BLK RIVR FLS	54615	WI
35-27-0044	R E CHRISTOPHERSON		BLAIR	54616	WI
35-27-0050	ROGER D HUBER		MELROSE	54642	WI
35-27-0052	DENNIS RAND		MELROSE	54642	WI
35-27-0059	LA VERN LIEN		MELROSE	54642	WI
35-27-0078	GARY JACOBSON		HUMBIRD	54746	WI
35-27-0104	JUNIOR JACOBSON		ALMA CENTER	54611	WI
35-27-0155	RON CURRAN	DAVIS ROAD	TAYLOR	54659	WI
35-28-0002	CRAIG BEANE	ROUTE 1	FT ATKINSON	53538	WI
35-28-0004	WARD BROTHERS	ROUTE 1	FT ATKINSON	53538	WI
35-28-0013	LENZ BROS.	ROGER LENZ ROUTE 1	LAKE MILLS	53551	WI
35-28-0017	NORVIC FARMS INC	ROUTE 1 NORVIC	LAKE MILLS	53551	WI
35-28-0018	ALLEN HETTS	ROUTE 1	FT ATKINSON	53538	WI
35-28-0030	WEG ACRES GUERNSEYS	RT 3 HEIDEN & KUNZ	FT ATKINSON	53538	WI
35-28-0037	JAEGER BROS	RT 1	IXONIA	53036	WI
35-28-0039	SAINT COLETTA SCHOOL,		JEFFERSON	53549	WI
35-28-0040	CHAPEL HILL FARM	ROUTE 1	IXONIA	53036	WI
35-28-0043	PIPER BROTHERS	P O BOX 50	WATERTOWN	53094	WI
35-28-0044	UNIV OF WISCONSIN	E BLAINE JR EXP	LAKE MILLS	53551	WI
35-28-0046	GEO FUNK JR	RT 3	WATERTOWN	53094	WI
35-28-0063	ROY PREUNINGER	ROUTE 1	FT ATKINSON	53538	WI
35-28-0070	WILLARD E GERNER	ROUTE 1	FT ATKINSON	53538	WI
35-28-0079	HASEL FARMS	ROUTE 1	LAKE MILLS	53551	WI
35-28-0080	BIEWER BROS	ROUTE 1	SULLIVAN	53178	WI
35-28-0083	BETHESDA LUTHERAN HOME	P.O. BOX	WATERTOWN	53094	WI
35-28-0084	RAY ARMSTRONG	ROUTE 1	FT ATKINSON	53538	WI
35-28-0091	DEAN MC DONALD & SONS	ROUTE 6	WATERTOWN	53094	WI
35-28-0092	BATTIST FARMS INC	ROUTE 2	WATERLOO	53594	WI
35-28-0093	EL-RU ERB FARMS	ROUTE 1	JOHNSON CRK	53038	WI
35-28-0094	EARL J SKALITZKY	ROUTE 2	WATERLOO	53594	WI
35-28-0099	MERLIN KROPF	ROUTE 4	WATERTOWN	53094	WI
35-28-0103	GLEN SCHWEMMER	ROUTE 3	FT ATKINSON	53538	WI
35-28-0106	UNZHAVEN FARMS		LAKE MILLS	53551	WI
35-28-0111	CLARENCE SCHADT & SON	ROUTE 6	WATERTOWN	53094	WI
35-28-0122	CLARENCE & LARRY DRAEGER	ROUTE 2 BOX 353	FT ATKINSON	53538	WI
35-28-0176	HARVEY & WAYNE KASTEN	ROUTE 1	LAKE MILLS	53551	WI
35-28-0249	WM J RUPNOW JR	ROUTE 1	IXONIA	53036	WI
35-28-0311	GENE BURLINGHAM	ROUTE 1	PALMYRA	53156	WI
35-28-0331	THOMAS A GRISWOLD SR	ROUTE 1 BOX 27A	IXONIA	53036	WI
35-28-0348	WAYNE NELSON	ROUTE 2	JEFFERSON	53549	WI
35-28-0362	CHILDWOOD FARM	ROUTE 3 BOX 16	WHITEWATER	53190	WI
35-28-0368	ROGER ANDERSON	ROUTE 3 BOX 241	FT ATKINSON	53538	WI
35-28-0407	JAMES R MODE	ROUTE 3	FT ATKINSON	53538	WI
35-28-0441	HAROLD J STILLING	R 1 BOX 167	CAMBRIDGE	53523	WI
35-29-0018	BARRETT BROS		CAMP DOUGLAS	54618	WI
35-29-0020	CLAYTON HANSEN		NEW LISBON	53950	WI
35-29-0023	CHESTER CARTER & SON		*MAUSTON*	*53948*	*WI*
35-29-0035	PETER SIMON	RURAL ROUTE	LYNDON STA	53944	WI
35-29-0044	SKI-HI FARMS		LYNDON STA	53944	WI
35-30-0004	PETE KNIGGE	ROUTE 1, BOX 70	BRISTOL	53104	WI
35-30-0005	CLAUDE EPPING	ROUTE 2 BOX 70	SALEM	53168	WI
35-30-0019	DR HERBERT LOTHE	BOX 96	BRISTOL	53104	WI
35-30-0020	ROBERT PFEFFER	ROUTE 5 BOX 474	BURLINGTON	53105	WI
35-30-0035	ROGER SHERMAN	BOX 141	*WILMOT*	*53192*	*WI*
35-30-0045	WILLARD & JAMES BAILEY	ROUTE 2 BOX 482	KENOSHA	53140	WI
35-30-0048	TESCH BROTHERS	ROUTE 4 BOX 216	BURLINGTON	53105	WI
35-30-0054	OAK HOLLOW FARM	ROUTE 1	*GENOA CITY*	*53128*	*WI*
35-30-0055	WALTER E SPRINGER	ROUTE 2 BOX 300	SALEM	53168	WI
35-30-0059	CECIL HILL	ROUTE 5 BOX 584	KENOSHA	53140	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-30-0070	NORMAN & WALTER KERKMAN	ROUTE 4 BOX 366	BURLINGTON	53105	WI
35-30-0081	LADEN ACRES FARM	ROUTE 5 BOX 64	BURLINGTON	53105	WI
35-30-0087	ANDREW LOIS & SONS	ROUTE 4 BOX 335	BURLINGTON	53105	WI
35-30-0165	OAK HOLLOW FARM 2	ROUTE 1	GENOA CITY	53128	WI
35-31-0020	AARON LA COURT	ROUTE 3	LUXEMBURG	54217	WI
35-31-0022	GEORGE TULACHKA	ROUTE 3	TWO RIVERS	54241	WI
35-31-0027	ROBERT J STEINER	ROUTE 2 BOX 201	ALGOMA	54201	WI
35-31-0028	VERNE DEPAS	ROUTE 1	CASCO	54205	WI
35-31-0030	JOHN & LYLE SIEGMUND	ROUTE 1	KEWAUNEE	54216	WI
35-31-0032	ROBERT J LEVY	ROUTE 1	KEWAUNEE	54216	WI
35-31-0036	JOHN SRNKA	ROUTE 1	ALGOMA	54201	WI
35-31-0095	EDDIE & KEN JEANQUART	ROUTE 1	CASCO	54205	WI
35-32-0001	RUSSELL BRINGE		HOLMEN	54636	WI
35-32-0009	E NUTTELMAN JR		BANGOR	54614	WI
35-32-0017	HILLARD MC RAE		MINDORO	54644	WI
35-32-0023	MILLER HOLSTEIN FARMS	ROUTE 1	LA CROSSE	54601	WI
35-32-0024	NORBERT & JOHN NUTTLEMAN		WEST SALEM	54669	WI
35-32-0025	BERNARD PRALLE		ONALASKA	54650	WI
35-32-0029	ROBERT RHYNE		WEST SALEM	54669	WI
35-32-0032	S SKEMP & ROBERT WENDORF	ROUTE 1	LA CROSSE	54601	WI
35-32-0035	BERT BROWN	RR	WEST SALEM	54669	WI
35-32-0038	LAKEVIEW HOSPITAL		WEST SALEM	54669	WI
35-32-0040	MIENKING BROS		BANGOR	54614	WI
35-32-0041	R SKEMP & G WENDORF	515ST BANK BLDG	LA CROSSE	54601	WI
35-32-0042	EARL PRALLE	ROUTE 2	BANGOR	54614	WI
35-32-0044	DONALD TROCINSKI		HOLMEN	54636	WI
35-32-0045	RAY HOYER & SON		WEST SALEM	54669	WI
35-32-0061	PALMER & PHILIP JOHNSON	ROUTE 2	HOLMEN	54636	WI
35-33-0003	ROBERT FLOGEL	ROUTE 1	BELMONT	53510	WI
35-33-0007	UNIVERSITY OF WIS. FM	ROUTE 4	PLATTEVILLE	53818	WI
35-33-0024	WM. F CALVERT		MINERAL PT	53565	WI
35-33-0028	SEFFROOD BROS.	ROUTE 3	DARLINGTON	53530	WI
35-33-0030	A ANDREWS - SAALSAA BROS		SOUTH WAYNE	53587	WI
35-33-0032	EASTWOOD BROTHERS		ARGYLE	53504	WI
35-33-0040	FRANZE & R HODGSON	ROUTE 1	GRATIOT	53541	WI
35-33-0047	EUGENE STAUFFACHER	RT 1	MINERAL PT	53565	WI
35-33-0064	F & E GENSLER CO	STAR ROUTE	SHULLSBURG	53586	WI
35-33-0099	ROBERT D CARNS	ROUTE 2	CUBA CITY	53807	WI
35-33-0106	MERLIN DAMMEN	ROUTE 2	BLANCHARDVL	53516	WI
35-33-0112	WILLIAM JOE BUSS		PLATTEVILLE	53818	WI
35-33-0211	O BRINES	ROUTE 2	SHULLSBURG	53586	WI
35-33-0219	KENNETH MEIER		APPLE RIVER	61001	IL
35-33-0253	ABERT J NYHUS		BLANCHARDVL	53516	WI
35-33-0411	DAVE WESSEL & STAUFFACHE		MINERAL PT	53565	WI
35-34-0013	HARRY GLEICH	ROUTE 2	DEERBROOK	54424	WI
35-34-0018	LOUIS KOSZAREK	ROUTE 3	ANTIGO	54409	WI
35-35-0008	WAYNE SCHULTZ	ROUTE 2	MERRILL	54452	WI
35-35-0018	WALTER & DEWEY SCHWOCH	ROUTE 2	MERRILL	54452	WI
35-35-0020	BECKMAN BROS	RT 2 BOX 46	MERRILL	54452	WI
35-35-0024	GREGORY L BOUSHLEY	RT 2 BOX 167	MERRILL	54452	WI
35-35-0026	HAROLD SCHNEIDER	RT 5 BOX 263	MERRILL	54452	WI
35-35-0028	ELMER KLUG & SON	ROUTE 1	MERRILL	54452	WI
35-35-0079	WERNER RUSCH	ROUTE 7	MERRILL	54452	WI
35-36-0004	ALTON BORGWARDT	ROUTE 1	CLEVELAND	53015	WI
35-36-0011	EDWARD LEIST	ROUTE 2	REEDSVILLE	54230	WI
35-36-0014	LOUIS-CORNERS DAIRY	ROUTE 1 BOX 30	KIEL	53042	WI
35-36-0015	JOHN A KOLB	ROUTE 1	CLEVELAND	53015	WI
35-36-0018	LIBERTYLAND FARMS	ROUTE 1	VALDERS	54245	WI
35-36-0026	WILLARD LEITERITZ	ROUTE 1	CLEVELAND	53015	WI
35-36-0028	MILTON SCHWALBE	ROUTE 1	MANITOWOC	54220	WI
35-36-0030	HILBERT STEFL	ROUTE 1	MISHICOT	54228	WI
35-36-0048	ANTHONY E TUSCHL	ROUTE 1	CATO	54206	WI
35-36-0049	ARNOLD SCHULER	ROUTE 1	VALDERS	54245	WI
35-36-0051	MARK BERGE	ROUTE 1	VALDERS	54245	WI
35-36-0067	EDWARD KLESSIG & SONS	ROUTE 1	CLEVELAND	53015	WI
35-36-0078	ROBERT BINVERSIE	ROUTE 2	KIEL	53042	WI
35-36-0079	NORBERT RUSCH	ROUTE 1	MANITOWOC	54220	WI
35-36-0080	HAROLD HOLSCHBACH	ROUTE 3	MANITOWOC	54220	WI
35-36-0081	CARL HAGENOW	ROUTE 1	REEDSVILLE	54230	WI
35-36-0089	JEROME SICKINGER	ROUTE 1	CATO	54206	WI
35-36-0090	GEORGE F MORGAN	ROUTE 1	CATO	54206	WI
35-36-0095	ALAN SIEKER	ROUTE 1	VALDERS	54245	WI
35-36-0096	COLONIAL DAIRY FARM		ST. NAZIANZ	54232	WI
35-36-0099	EUGENE BINVERSIE	ROUTE 2	KIEL	53042	WI
35-36-0106	ROLAND H GOEKE	ROUTE 1	NEWTON	53063	WI
35-36-0110	WALTER SIEMERS	ROUTE 1	CLEVELAND	53015	WI
35-36-0111	REUBEN O. KAMMANN	ROUTE 1	CLEVELAND	53015	WI
35-36-0115	WILLARD CUMMINGS	ROUTE 1	VALDERS	54245	WI
35-36-0117	MARKUS NAGEL	ROUTE 1	VALDERS	54245	WI
35-36-0118	SUNNYSIDE DAIRY FARMS	ROUTE 1	VALDERS	54245	WI
35-36-0128	JOSEPH KORINEK	ROUTE 1	CATO	54206	WI
35-36-0131	MARVIN BRANDL	ROUTE 1	NEWTON	53063	WI
35-36-0133	EDWARD STAUDINGER	ROUTE 2	REEDSVILLE	54230	WI
35-36-0135	DAVID SOUKUP	ROUTE 1	DENMARK	54208	WI
35-36-0143	HARLEN KRAHN	ROUTE 2	BRILLION	54110	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-36-0147	NORMAN A KRAHN	ROUTE 1	BRILLION	54110	WI
35-36-0149	PALMER & ALLEN KRACHT	ROUTE 1	NEWTON	53063	WI
35-36-0161	EDWARD PRITZL	ROUTE 1	CATO	54206	WI
35-36-0354	WALTER E BORGWARDT	ROUTE 1	VALDERS	54245	WI
35-36-0476	MIKE MC CULLEY	ROUTE 2	REEDSVILLE	54230	WI
35-37-0012	NORRIE LAKE DAIRY FMS IN	ROUTE 3	BIRNAMWOOD	54414	WI
35-37-0018	LYLE WEDEN	RT 2 BOX 174	WAUSAU	54401	WI
35-37-0020	CARL NORRBOM	ROUTE 1	WITTENBERG	54499	WI
35-37-0029	HAROLD PUNKE	ROUTE 3	ATHENS	54411	WI
35-37-0043	BRICE BENDER & SONS	ROUTE 1	COLBY	54421	WI
35-37-0044	WILBUR J BECKER	ROUTE 2	COLBY	54421	WI
35-37-0047	LESTER UTECH	ROUTE 1	MERRILL	54452	WI
35-37-0048	GERALD & ED HEIL	ROUTE 3	EDGAR	54426	WI
35-37-0054	KENNETH FRAAZA	ROUTE 1	RINGLE	54471	WI
35-37-0055	DONALD FRANCKOWIAK	ROUTE 2	STRATFORD	54484	WI
35-37-0064	ALFRED R SCHULZ	ROUTE 2	EDGAR	54426	WI
35-37-0068	EUGENE WITTER	2400 CO. HWY. U	WAUSAU	54401	WI
35-37-0069	LEONHARD DOMMER	ROUTE 2	COLBY	54421	WI
35-37-0072	MELVIN NIEMANN	ROUTE 2	EDGAR	54426	WI
35-37-0077	ARVIN DOMMER	ROUTE 2	COLBY	54421	WI
35-37-0088	LE ROY KLIMPKE	ROUTE 2	ATHENS	54411	WI
35-37-0090	TOTZKE BROS	ROUTE 1	EDGAR	54426	WI
35-37-0105	EDWARD MIELKE	ROUTE 1	EDGAR	54426	WI
35-37-0109	MELVIN GREWE	ROUTE 1	DORCHESTER	54425	WI
35-37-0114	STAN SZYMANSKI JR	ROUTE 1	MARATHON	54448	WI
35-37-0115	JOSEPH WALDVOGEL & SON	3305 MERRILL AVE	WAUSAU	54401	WI
35-37-0210	JIM PAULSON	ROUTE 2 BOX 180	MARATHON	54448	WI
35-37-0241	C L UTECH	ROUTE 5	MERRILL	54452	WI
35-37-0262	ALLEN BANECK	ROUTE 1	HAMBURG	54438	WI
35-37-0393	ARNOLD HARTWAY	ROUTE 2 BOX 209	EDGAR	54426	WI
35-37-0400	GERALD G KOPS	ROUTE 1	UNITY	54488	WI
35-37-0570	ELMER BRUSS	ROUTE 1	SPENCER	54479	WI
35-37-0574	MIKE C OLAH	ROUTE 1	COLBY	54421	WI
35-38-0010	HARRY KAPLA	ROUTE 1	POUND	54161	WI
35-38-0022	ERVIN FINGER	ROUTE 1	OCONTO	54153	WI
35-38-0036	ANTHONY VERIHA	R 1	PORTERFIELD	54159	WI
35-38-0116	A. M. READ	R R 1	PESHTIGO	54157	WI
35-39-0022	ROBERT CUMMINGS	ROUTE 1	WESTFIELD	53964	WI
35-42-0022	HOWARD TEASDALE JR		SPARTA	54656	WI
35-42-0039	ROY E JACOBS	ROUTE 1	SPARTA	54656	WI
35-42-0050	REUBEN LENZ	ROUTE 1	TOMAH	54660	WI
35-42-0065	DONALD T PETERSON	ROUTE 2	CASHTON	54619	WI
35-42-0066	BRUNO W MEYER	ROUTE 1 B 2	NORWALK	54648	WI
35-42-0134	JAMES KORTBEIN	ROUTE 2	NORWALK	54648	WI
35-42-0186	ARNOLD STREMCHA	ROUTE 3	SPARTA	54656	WI
35-42-0194	DAVID ZIRK	ROUTE 1	ELROY	53929	WI
35-42-0209	ALAN HARTALOCK	ROUTE 1	ONTARIO	54651	WI
35-42-0214	JON PETERSON	ROUTE 2	CASHTON	54619	WI
35-42-0219	MYLES CONNOR		KENDALL	54638	WI
35-42-0245	FLOYD L NICHOLS	FARM 2 ROUTE 1	SPARTA	54656	WI
35-42-0384	HARRY FRIEDL	ROUTE 2	KENDALL	54638	WI
35-43-0019	DR RAYMOND SCHOFIELD		GILLETT	54124	WI
35-43-0021	HOWARD N LEHNER	ROUTE 2	OCONTO FALLS	54154	WI
35-43-0023	ALLEN & URBAN SCANLAN	ROUTE 1	OCONTO	54153	WI
35-43-0024	O HARROWS INC		OCONTO FALLS	54154	WI
35-43-0027	J FRANKLIN JONES		GILLETT	54124	WI
35-43-0033	DANIEL IMIG	ROUTE 1	OCONTO	54153	WI
35-43-0062	ROBERT JAWORSKI	ROUTE 1 BOX 44	PULASKI	54162	WI
35-43-0169	DR. D H DOUDNA	RURAL ROUTE	LENA	54139	WI
35-43-0209	GORDON APRILL	ROUTE 2	OCONTO FALLS	54154	WI
35-45-0012	KRAHN FARM	ROUTE 1	SEYMOUR	54165	WI
35-45-0030	CLEMENS EGGERT	ROUTE 3	APPLETON	54910	WI
35-45-0040	GARVEY BROS	ROUTE 4	DE PERE	54115	WI
35-45-0054	SAMBS BROTHERS	ROUTE 2	HORTONVILLE	54944	WI
35-45-0071	JAMES SMITH	ROUTE 1	KAUKAUNA	54130	WI
35-45-0077	ROBERT PALTZER	ROUTE 3	APPLETON	54910	WI
35-45-0117	OSCAR MILLER	ROUTE 1	BLACK CREEK	54106	WI
35-45-0135	ALLYN STALEY	ROUTE 1	SEYMOUR	54165	WI
35-45-0142	ALBERT BRUNS	ROUTE 2	HORTONVILLE	54944	WI
35-45-0147	JOHN KELLY		MEDINA	54951	WI
35-45-0150	MIKE HENN	ROUTE 3	SEYMOUR	54165	WI
35-45-0155	CY LETTER	ROUTE 2	SEYMOUR	54165	WI
35-45-0157	CHARLES KELLY	ROUTE 1	APPLETON	54910	WI
35-45-0165	NORBERT SCHMIDT	ROUTE 3	KAUKAUNA	54130	WI
35-45-0169	JACK KRULL	ROUTE 1	BONDUEL	54107	WI
35-45-0170	NORMAN SCHNEEKLOTH & SON	ROUTE 1	SEYMOUR	54165	WI
35-45-0176	JOHN A VER VOORT	ROUTE 1	KAUKAUNA	54130	WI
35-45-0180	WILLIAM LETTER	ROUTE 1	BLACK CREEK	54106	WI
35-45-0185	JAMES SEEFELDT	ROUTE 2	SEYMOUR	54165	WI
35-45-0191	PETE & GARY VER VOORT	ROUTE 1	SEYMOUR	54165	WI
35-45-0192	MOSSHOLDER FARMS	ROUTE 2	APPLETON	54911	WI
35-45-0224	ORVELL A DE BRUIN	ROUTE 3	SEYMOUR	54165	WI
35-45-0262	JAMES LETTER	ROUTE 2 BOX 193	SEYMOUR	54165	WI
35-45-0263	PAUL JURGENS	ROUTE 2	SEYMOUR	54165	WI
35-45-0337	NOR-BU FARMS	ROUTE 3	SEYMOUR	54165	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-45-0421	GEORGE SCHAUMBERG	ROUTE 3	SEYMOUR	54165	WI
35-45-0525	GERALD JASKOLSKI	ROUTE 3	SEYMOUR	54165	WI
35-45-0553	EARL COURT	ROUTE 2	SEYMOUR	54165	WI
35-45-0564	CARL KORTZ	ROUTE 5	APPLETON	54910	WI
35-46-0006	OTTO KOHLWEY JR	ROUTE 1	GRAFTON	53024	WI
35-46-0008	KENNETH HELMS	ROUTE 1	GRAFTON	53024	WI
35-46-0011	ERWIN J RIEMER	9231W BONIWELL	136N MEQUON	53092	WI
35-46-0015	OSCAR WIECHERT	ROUTE 1	CEDARBURG	53012	WI
35-46-0057	HAROLD KLUG	RT 3-1584 PIONEER	CEDARBURG	53012	WI
35-47-0018	PITTMAN BROS		ARKANSAW	54721	WI
35-48-0018	HARLEY E RUDESILL		BALDWIN	54002	WI
35-48-0076	WIS STATE UNIVERSITY FN	ROUTE 4 BOX 116	RIVER FALLS	54022	WI
35-48-0079	WM HEISE		ELLSWORTH	54011	WI
35-48-0083	KENT RUDESILL	ROUTE 1	BALDWIN	54002	WI
35-48-0115	GEORGE L HOST		PRESCOTT	54021	WI
35-48-0176	EARL BORST		ELLSWORTH	54011	WI
35-48-0252	HAROLD C BAUER	ROUTE 2	MAIDEN ROCK	54750	WI
35-49-0016	LLOYD H JOHNSON		NEW RICHMOND	54017	WI
35-49-0018	AARON KUSKE		OSCEOLA	54020	WI
35-49-0019	PHILLIP NELSON		BALSAM LAKE	54810	WI
35-49-0020	ROBERT E BEHLING	ROUTE 3	CUMBERLAND	54829	WI
35-49-0022	HELMER HOSE		CLEAR LAKE	54005	WI
35-49-0026	H L SWANSON AND SONS		AMERY	54001	WI
35-49-0028	ROBERT G. MAYER	RR	DEER PARK	54007	WI
35-49-0029	JERRY J. JOHNSON	ROUTE 3	AMERY	54001	WI
35-49-0031	PAUL A & CRAIG H PAULSON	ROUTE 1	CLEAR LAKE	54005	WI
35-49-0035	DEER LAKE FARM		ST CROIX FLS	54024	WI
35-49-0042	WALTER V LEE		AMERY	54001	WI
35-49-0046	LE ROY & RUSSELL JOHNSON		DRESSER	54009	WI
35-49-0052	WILLIAM BOSAK		FREDERIC	54837	WI
35-49-0060	CARL PEPER & SON		CENTURIA	54824	WI
35-49-0082	CURTIS LUNSOEN		ST CROIX FLS	54024	WI
35-49-0083	LA VERNE RASMUSSEN	ROUTE 3	AMERY	54001	WI
35-49-0111	KERNIT GREEN		ST CROIX FLS	54024	WI
35-49-0150	JOHN ELLEFSON	ROUTE 1	CUSHING	54006	WI
35-49-0176	ROY HAGLER	ROUTE 1	AMERY	54001	WI
35-49-0179	PAUL PETT JR		COMSTOCK	54826	WI
35-49-0216	VERNON C NELSON	BOX 294	MILLTOWN	54858	WI
35-49-0225	ERIC H PETERSON	ROUTE 1 BOX 310	FREDERIC	54837	WI
35-49-0321	EUGENE JENSEN	ROUTE 1	BALSAM LAKE	54810	WI
35-49-0414	DALE A JENSEN	ROUTE 3	AMERY	54001	WI
35-50-0005	WALTER BROCK JR		JCT. CITY	54443	WI
35-50-0016	DONALD BACON	ROUTE 1	AMHERST	54406	WI
35-50-0023	JAMES M OKEEFE	RT 1 BOX 341	STEVENS PT	54481	WI
35-50-0035	GERALD L LASKOWSKI	ROUTE 1 BOX 257	PLOVER	54467	WI
35-50-0058	DONALD RASHKE	ROUTE 2 BOX 86	AMHERST	54406	WI
35-50-0070	PRAIRIE STAR RANCH INC	SYLVSTR WOLOSEK-RT	PLOVER	54467	WI
35-51-0002	HAROLD TEGEN		KENNAN	54537	WI
35-51-0006	CARL & CLINTON HARTWAY		PARK FALLS	54552	WI
35-51-0011	HEIKKINEN BROS DAIRY		BRANTWOOD	54513	WI
35-52-0023	DONALD B LEE	ROUTE 1	STURTEVANT	53177	WI
35-52-0039	NORMAN LAUBER	ROUTE 1	UNION GROVE	53182	WI
35-52-0044	CHARLES NORTH	ROUTE 1 BOX 819	WATERFORD	53185	WI
35-52-0056	GRAY VIEW FARMS	ROUTE 2 BOX 197	UNION GROVE	53182	WI
35-52-0069	JOHN SOBCZAK	ROUTE 1 BOX 606	WATERFORD	53185	WI
35-52-0070	ARTHUR KUIPER	6626 WASHINGTON	RACINE	53406	WI
35-52-0079	HARRY NORTH	ROUTE 1 BOX 516	BURLINGTON	53105	WI
35-52-0112	ELAM BUTTLES	ROUTE 2 BOX 703	WATERFORD	53185	WI
35-53-0003	ORLEN RICHARDS	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0010	GERALD NICK	ROUTE 3	RICHLAND CTR	53581	WI
35-53-0011	G WENDORF & G WANLESS	ROUTE 2	VIOLA	54664	WI
35-53-0013	OR SAM ELMER & SONS	BOX 308	RICHLAND CTR	53581	WI
35-53-0015	W H KOENIG	150 N MAIN ST	RICHLAND CTR	53581	WI
35-53-0022	F BREWER & R MARTIN	ROUTE 3	RICHLAND CTR	53581	WI
35-53-0023	THERON KELLER	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0025	ALLEN RIPPCHEN	ROUTE 3	RICHLAND CTR	53581	WI
35-53-0026	ARLAND J MC KITTRICK	ROUTE 2	VIOLA	54664	WI
35-53-0028	ITHACO FARMS NO. 1	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0035	DONALD SPANGLER	ROUTE 2	YUBA	54672	WI
35-53-0041	FRANK B TURGASEN	ROUTE 1	RICHLAND CTR	53581	WI
35-53-0042	DOSCH BROS	ROUTE 1	RICHLAND CTR	53581	WI
35-53-0052	MIKE SCHAUF	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0053	OAKWOOD FRUIT FARM INC	ROUTE 2	RICHLAND CTR	53581	WI
35-53-0059	CARROLL KEPLER JR	ROUTE 1	RICHLAND CTR	53581	WI
35-53-0063	OWEN KOCH	ROUTE 1	VIOLA	54664	WI
35-53-0073	ANTHONY OLSON	ROUTE 1	LONE ROCK	53556	WI
35-53-0166	LORUS GANDER	ROUTE 3	RICHLAND CTR	53581	WI
35-53-0237	MARTIN FARMS		LONE ROCK	53556	WI
35-54-0005	ELTON BROEGE	ROUTE 3	JANESVILLE	53545	WI
35-54-0007	PAUL R SCHUMACHER	ROUTE 5	JANESVILLE	53545	WI
35-54-0029	GERNER FARMS	ROUTE 3	WHITEWATER	53190	WI
35-54-0036	KENNETH HABERMAN	ROUTE 5	JANESVILLE	53545	WI
35-54-0039	ROCK CO HOSP & HOME	BOX 351	JANESVILLE	53545	WI
35-54-0042	RICHARD NYMAN		ORFORDVILLE	53576	WI
35-54-0045	SHADEL FARM	ROUTE 1	JANESVILLE	53545	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-54-0052	GEORGE BARLASS & SONS	ROUTE 1	JANESVILLE	53545	WI
35-54-0054	VINEY FARMS INC		EVANSVILLE	53536	WI
35-54-0055	RALPH GREEN	RT 1	MILTON JCT	53564	WI
35-54-0063	MULDER FARMS	BOX 687	MILTON JCT	53564	WI
35-54-0064	GAILEN PIERCE & SON	ROUTE 1	MILTON	53563	WI
35-54-0069	GEORGE RYE	ROUTE 1	AVALON	53505	WI
35-54-0070	RALPH RYE	ROUTE 1	AVALON	53505	WI
35-54-0082	WM AGNEW & SONS	ROUTE 1	WHITEWATER	53190	WI
35-54-0089	MARTHA & DEANNA BARTH	ROUTE 1	WHITEWATER	53190	WI
35-54-0091	WM T MC NALLY	ROUTE 1	MILTON	53563	WI
35-54-0096	ROBERT WOODMAN	ROUTE 3	JANESVILLE	53545	WI
35-54-0119	RICHARD TOWNS	ROUTE 4	JANESVILLE	53545	WI
35-54-0145	LYLE STALL		ORFORDVILLE	53576	WI
35-54-0261	MELVIN JANES & SONS		EVANSVILLE	53536	WI
35-54-0354	MR & MRS J R LEE	ROUTE 1	CLINTON	53525	WI
35-54-0390	ALVIN KAYSER	ROUTE 2 BOX 238	JANESVILLE	53545	WI
35-54-0399	DONALD W JOHNSON	ROUTE 1	AVALON	53505	WI
35-54-0461	HERBERT & BEVERLY RENNER	TARRANT RD. R 1	JANESVILLE	53545	WI
35-55-0010	WILLIAM VAN DOORN JR		TONY	54563	WI
35-55-0025	HARVEY BURCH	RURAL ROUTE	SHELDON	54766	WI
35-55-0038	CLINTON NELSON		GLEN FLORA	54526	WI
35-55-0044	JOHN VAN SOELEN	RURAL ROUTE	BRUCE	54819	WI
35-55-0045	WAYNE JOHNSON	ROUTE 2	LADYSMITH	54848	WI
35-56-0009	VAN DYK FARMS	R R	NEW RICHMOND	54017	WI
35-56-0027	JON DE FARM		BALDWIN	54002	WI
35-56-0033	JAMES GILLIS		WOODVILLE	54028	WI
35-56-0037	GERALD JENSEN		RIVER FALLS	54022	WI
35-56-0041	HAROLD HUNTER		ROBERTS	54023	WI
35-56-0044	CRISDHOME FARMS		NEW RICHMOND	54017	WI
35-56-0045	JAMES A RAY		ROBERTS	54023	WI
35-56-0048	EMIL FRICK		GLENWOOD CY	54013	WI
35-56-0050	ST CROIX COUNTY FARM		NEW RICHMOND	54017	WI
35-56-0057	JOHN AFDAHL		HAMMOND	54015	WI
35-56-0077	CARLYN LUND		WOODVILLE	54028	WI
35-56-0088	BERN-ANN FARM		NEW RICHMOND	54017	WI
35-56-0117	ROBERT ZWALD		HAMMOND	54015	WI
35-56-0120	KENNETH RUNDHAUG		BALDWIN	54002	WI
35-56-0144	NEIL G HOFFMAN		SPG VALLEY	54767	WI
35-56-0199	PETERSON FARMS	ROUTE 1	NEW RICHMOND	54017	WI
35-56-0218	SYRUS O LESTRUD		HAMMOND	54015	WI
35-56-0235	HARVEY SERIER		BALDWIN	54002	WI
35-56-0256	CHAS S KELLY		HUDSON	54016	WI
35-56-0261	L H RELANDER	WILLO FARM	NEW RICHMOND	54017	WI
35-56-0405	GEORGE D PETERSON		WILSON	54027	WI
35-56-0444	WILLARD OTT		RIVER FALLS	54022	WI
35-56-0464	VERNON M NELSON		NEWRICHMOND	54017	WI
35-56-0476	DORN-HOF INC		BALDWIN	54002	WI
35-56-0518	WES VRIEZE & SONS		BALDWIN	54002	WI
35-56-0536	GARY P. NADEAU	ROUTE 1	GLENWOOD CTY	54013	WI
35-56-0542	A I CRONK JR		WOODVILLE	54028	WI
35-57-0001	ERHARDT SCHULTZ	ROUTE 3	BARABOO	53913	WI
35-57-0006	MAURICE ENGE		SAUK CITY	53583	WI
35-57-0009	HARVEY ACCOLA		PR DU SAC	53578	WI
35-57-0012	DONALD MEYER	ROUTE 1	LOGANVILLE	53943	WI
35-57-0013	CLIFFORD W KLENK	ROUTE 4 BOX 347	BARABOO	53913	WI
35-57-0022	VICTOR C POWELL	ROUTE 3	REEDSBURG	53959	WI
35-57-0032	PAUL DENMAN	ROUTE 1	LA VALLE	53941	WI
35-57-0039	SAUK COUNTY FARM		REEDSBURG	53959	WI
35-57-0042	EDWARD KRUSE		LOGANVILLE	53943	WI
35-57-0043	MARVIN SCHUETTE	ROUTE 3	REEDSBURG	53959	WI
35-57-0045	LA VERNE HASSE		LOGANVILLE	53943	WI
35-57-0047	LEANDER BRANDT		HILLPOINT	53937	WI
35-57-0053	WILLIAM A TANK		SAUK CITY	53583	WI
35-57-0063	KENNETH HANUSA	KENYON E GIESE	LOGANVILLE	53943	WI
35-57-0071	ORLAND REIMER & SONS		LOGANVILLE	53943	WI
35-57-0077	RIDGEWORTH FARMS		HILLPOINT	53937	WI
35-57-0086	FRED SPEICH	ROUTE 3	REEDSBURG	53959	WI
35-57-0087	RANDY BOUTWELL	RFD 1	REEDSBURG	53959	WI
35-57-0105	HEATHERSTONE ENT.	D. HEGNA, MGR.	BARABOO	53913	WI
35-57-0125	ROBERT ARNESON	RT 1	HILLPOINT	53937	WI
35-57-0128	EARL SPEICH	ROUTE 3	REEDSBURG	53959	WI
35-57-0138	EDWARD E REIMER	ROUTE 1	LOGANVILLE	53943	WI
35-57-0372	ROBERT KATZMAN	ROUTE 1	PR DU SAC	53578	WI
35-57-0374	RAY ANDERSON	ROUTE 1	LYNDON STA	53944	WI
35-57-0418	DAVID TRAGER	ROUTE 1	PR DU SAC	53578	WI
35-57-0431	LESTER LURVEY & SONS	ROUTE 2	BARABOO	53913	WI
35-59-0010	BRUNNER FARMS INC	ROUTE 1	CECIL	54111	WI
35-59-0014	VERNON KOHN	ROUTE 1	KRAKOW	54137	WI
35-59-0043	KENNETH & JACK HELLER	ROUTE 1	CECIL	54111	WI
35-59-0079	RAYMOND SCHOEPKE	ROUTE 1	TIGERTON	54486	WI
35-59-0080	ELROY & MIKE RIEMER	ROUTE 1	CECIL	54111	WI
35-59-0084	ERICH FROEHMING	ROUTE 3	CLINTONVILLE	54929	WI
35-59-0091	HUBERT LINDNER	ROUTE 2	SHAWANO	54166	WI
35-59-0117	VERNON RUSCH	ROUTE 2	SEYMOUR	54165	WI
35-59-0119	CLIFFORD POWERS	ROUTE 1 BOX 178	PULASKI	54162	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-59-0122	ROBERT KROHLOW	RT 1 BOX 68	BLACK CREEK	54106	WI
35-59-0127	ROBERT NUCK	ROUTE 3	SHAWANO	54166	WI
35-59-0132	LAVERN RICHTER	ROUTE 3	SHAWANO	54166	WI
35-59-0232	HAROLD PRAHL	ROUTE 3	BIRNAMWOOD	54414	WI
35-59-0388	LOUIS & JEROME BRUNNER	ROUTE 1	BONDUEL	54107	WI
35-59-0520	DAVID DEERING		ZACHOW	54182	WI
35-59-0545	GORDON LINDNER	ROUTE 2	SHAWANO	54166	WI
35-59-0553	DENNIS RUSCH	ROUTE 1	SHAWANO	54166	WI
35-59-0605	CHRISTIAN A STEINHAUER		MATTOON	54450	WI
35-60-0001	KLEINHANS GREEN ACRES IN	ROUTE 1	SHEBOYGN FLS	53081	WI
35-60-0024	HENRY F RAUTMANN	ROUTE 1	SHEBOYGAN FLS	53081	WI
35-60-0032	WILMER A MOTHS	ROUTE 1	RANDOM LAKE	53075	WI
35-60-0039	ARNO PAYNE	ROUTE 1	WALDO	53093	WI
35-60-0049	FRANCIS WEBB	ROUTE 2	PLYMOUTH	53073	WI
35-60-0051	WALLACE BORN	ROUTE 1	CLEVELAND	53015	WI
35-60-0053	ARCHIE BRASS	ROUTE 2	SHEBOYGAN	53081	WI
35-60-0055	WILLARD A BEUCHEL	ROUTE 2	SHEBOYGAN	53081	WI
35-60-0060	PINEHURST FARM	ROUTE 2	SHEBOYGN FLS	53081	WI
35-60-0064	WILLARD & GLENN UBBELOHD	ROUTE 1	PLYMOUTH	53073	WI
35-60-0067	ALDEN YOLAND	ROUTE 1	CLEVELAND	53015	WI
35-60-0073	HARVEY & LESLIE WUNSCH	ROUTE 1	SHEBOYGAN	53081	WI
35-60-0075	LAKE SIDE FARMS	ROUTE 2	ELKHART LAKE	53020	WI
35-60-0083	MRS FREDERICK SPRENGER	ROUTE 1	SHEBOYGN FLS	53081	WI
35-60-0089	REUBEN BUNGE	ROUTE 1	PLYMOUTH	53073	WI
35-60-0094	STEVE WITKOWSKI	ROUTE 2	PLYMOUTH	53073	WI
35-60-0107	JEROME JUNGE	ROUTE 1	RANDOM LAKE	53075	WI
35-60-0117	ORVILLE & MARSHAL REYSEN	ROUTE 1	KEWASKUM	53040	WI
35-60-0118	GILBERT RAHMER	ROUTE 3	SHEBOYGAN	53081	WI
35-60-0121	GENE KAESTNER	ROUTE 1	CLEVELAND	53015	WI
35-60-0123	MARVIN SIEGERT	ROUTE 1	SHEBOYGN FLS	53081	WI
35-60-0125	FREDERICK PERRONNE	ROUTE 1	SHEBOYGN FLS	53081	WI
35-60-0127	RICHARD SCHOLTEN	ROUTE 1	PLYMOUTH	53073	WI
35-60-0128	MARK HESSLINK	ROUTE 1	OOSTBURG	53070	WI
35-60-0198	NORBERT KRAEMER	ROUTE 1	WALDO	53093	WI
35-60-0199	HOWARD & GERRY MENTINK	ROUTE 1	WALDO	53093	WI
35-60-0320	DALE T CARY	ROUTE 1	GLENBEULAH	53023	WI
35-60-0364	DONALD FENNER	ROUTE 2	SHEBOYGAN FLS	53085	WI
35-60-0459	TOM SIEGERT	ROUTE 3	PLYMOUTH	53073	WI
35-60-0464	LARRY T EBERLE	ROUTE 2	ELKHART LAKE	53020	WI
35-61-0014	MERL SAMPLOWSKI		STANLEY	54768	WI
35-61-0016	HENRY BURCH		SHELDON	54766	WI
35-61-0017	LE ROY JENSEN	R F D 2	MEDFORD	54451	WI
35-61-0018	DON & ALVIN ABEGGLEN		STETSONVILLE	54480	WI
35-61-0022	GLEN BORMAN	G S R	MEDFORD	54451	WI
35-61-0026	KENNETH NICKE	ROUTE 1	GILMAN	54433	WI
35-61-0164	RONALD ROMANOWSKI	ROUTE 1	GILMAN	54433	WI
35-61-0166	WILLARD FABER	G S R	MEDFORD	54451	WI
35-61-0392	ANTON CZECH	R 2 BOX 130	GILMAN	54433	WI
35-62-0012	EVERETTE HERNESS		WHITEHALL	54773	WI
35-62-0022	BENSEL HAINES		ARCADIA	54612	WI
35-62-0050	TREMPEALEAU CO. HOSPITAL		WHITEHALL	54773	WI
35-62-0071	DOUGLAS R KOPP	ROUTE 2	WHITEHALL	54773	WI
35-62-0117	RICHARD LETTNER		TREMPEALEAU	54661	WI
35-62-0274	STEVE LAMBERSON		WHITEHALL	54773	WI
35-63-0003	WAYNE BARNES	ROUTE 1	HILLSBORO	54634	WI
35-63-0016	FRANCIS DENMAN	ROUTE 3	HILLSBORO	54634	WI
35-63-0032	CLIFFORD UMBERGER		GENOA	54632	WI
35-63-0041	LEONARD CASS		ONTARIO	54651	WI
35-63-0061	ARNIE SHERRY		VIROQUA	54665	WI
35-63-0066	ARTHUR THIEGE	RURAL ROUTE 2	WESTBY	54667	WI
35-63-0105	SHERMAN ERLANDSON	ROUTE 1	WESTBY	54667	WI
35-63-0107	ONAHMOND FARMS		READSTOWN	54652	WI
35-63-0110	ALSTON RAAUN		VIROQUA	54665	WI
35-63-0114	RAYMOND BUHR	RURAL ROUTE 3	VIROQUA	54665	WI
35-63-0120	M R MCCLURG & SONS	ROUTE 2	VIROQUA	54665	WI
35-63-0124	OLAF GRONVOLD	RURAL ROUTE	CHASEBURG	54621	WI
35-63-0195	PHILIP SHERRY	ROUTE 5	VIROQUA	54665	WI
35-63-0288	JACK L HEAL	ROUTE 4	VIROQUA	54665	WI
35-63-0485	CLIFFORD R ANDERSON JR.	ROUTE 2	CASHTON	54619	WI
35-63-0493	LARRY SULLIVAN	ROUTE 4	VIROQUA	54665	WI
35-63-0551	STEVEN G HOLTE	ROUTE 2	WESTBY	54667	WI
35-63-0558	RAYMOND MOSER	ROUTE 1	VIROQUA	54665	WI
35-65-0002	J SUSINA AND SONS	ROUTE 4	ELKHORN	53121	WI
35-65-0026	DEAN TAYLOR	ROUTE 2 FARM 1	WHITEWATER	53190	WI
35-65-0076	NORBERT STEFFANUS	ROUTE 5 BOX 651	DELAVAN	53115	WI
35-65-0086	HEINRICH WERFELMANN & SO	ROUTE 1	SHARON	53585	WI
35-65-0114	SLEEPY HILL FARM	ROUTE 2 BOX 426	DELAVAN	53115	WI
35-65-0151	BENJAMIN E DIBBLE	ROUTE 1	DELAVAN	53115	WI
35-65-0173	MAUR-MAR FARMS	ROUTE 1	WALWORTH	53184	WI
35-65-0178	EMIL GREIDANUS & SONS	ROUTE 1	DELAVAN	53115	WI
35-65-0212	BURNELL MEYER	ROUTE 1	DARIEN	53114	WI
35-65-0216	HOWARD HONE FARM	ROUTE 2	WHITEWATER	53190	WI
35-65-0218	WALWORTH CO. FARM		ELKHORN	53121	WI
35-65-0226	THOMAS & DARLENE HILL	R 2 BOX 346 JNSN R	BURLINGTON	53105	WI
35-65-0249	WILLARD MADAUS	ROUTE 4 BOX 183	BURLINGTON	53105	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-65-0266	S W DAIRY HIGHLAND FARM	ROUTE 1 BOX 685	LAKE GENEVA	53147	WI
35-65-0279	DONALD GETTS	ROUTE 2	EAST TROY	53120	WI
35-65-0297	S W DAIRY GEBHARDT	RURAL ROUTE 2	LAKE GENEVA	53147	WI
35-65-0308	RALPH RUDSINSKI	ROUTE 3 BOX 468	DELAVAN	53115	WI
35-65-0388	MAURICE STILLING	RT 3 BOX 45	LAKE GENEVA	53147	WI
35-65-0426	RONNY ROHLOFF	ROUTE 1 BOX 64	HEBRON	60034	IL
35-65-0434	WM. ORCHARD	ROUTE 2	EAGLE	53119	WI
35-65-0445	DENNIS YURS	ROUTE 2	ELKHORN	53121	WI
35-65-0448	R PRAGER & H ALBRECHT	RT 2 BOX 272	EAST TROY	53120	WI
35-66-0004	WEBER WEST		SARONA	54870	WI
35-66-0014	DONALD FURCHTENICHT	ROUTE 2	SHELL LAKE	54871	WI
35-66-0017	OSWALD RINDSIG	RURAL ROUTE	BIRCHWOOD	54817	WI
35-67-0002	MARK PAMPERIN	ROUTE 1	ALLENTON	53002	WI
35-67-0004	HOWARD PROEBER	ROUTE 3	WEST BEND	53095	WI
35-67-0017	G SCHROEDER E MUTH	ROUTE 1	WEST BEND	53095	WI
35-67-0020	CYRIL ROHDE	ROUTE 3	HARTFORD	53027	WI
35-67-0023	EDWARD HELIUS	FARM 2-ROUTE 1	JACKSON	53037	WI
35-67-0038	EDWARD & HARVEY KLUMB	ROUTE 3	WEST BEND	53095	WI
35-67-0042	MAYERS FARMS R.H. & F.R.	4965 HY E	SLINGER	53086	WI
35-67-0043	ROBERT HELD	ROUTE 1	SLINGER	53086	WI
35-67-0048	ANTON WIEDMEYER	ROUTE 1	RICHFIELD	53076	WI
35-67-0052	W M & D H PHILIPPI	ROUTE 6	WEST BEND	53095	WI
35-67-0054	THOMAS WIEDMEYER	ROUTE 1	WEST BEND	53095	WI
35-67-0069	JAMES ESSELMANN	ROUTE 6	WEST BEND	53095	WI
35-67-0074	JOHN HORLAMUS	ROUTE 4	WEST BEND	53095	WI
35-67-0078	ELMER BECKER	ROUTE 3	HARTFORD	53027	WI
35-67-0081	ROLAND & GERALD RATE	ROUTE 3	WEST BEND	53095	WI
35-67-0086	FREDERIC ALBRECHT	ROUTE 3	HARTFORD	53027	WI
35-67-0087	JAMES A WIEDMEYER	ROUTE 1	WEST BEND	53095	WI
35-67-0091	PETE & ROBERT LANGENECKE	ROUTE 2	HARTFORD	53027	WI
35-67-0133	LEROY PETERSON JR	ROUTE 6 BOX 8	WEST BEND	53095	WI
35-67-0209	DALE E HELIUS	ROUTE 1	JACKSON	53037	WI
35-67-0236	ROYAL H CLAUSING	RT 2 800 WESTERN A	CEDARBURG	53012	WI
35-68-0002	L OWENS & R BAEHLER	2609 CTHCC	OCONOMOWOC	53066	WI
35-68-0009	MERVIN DALTON	R 1 BOX 226	HARTLAND	53029	WI
35-68-0013	KOEPKE FARM INC	37326 ONEIL RD	OCONOMOWOC	53066	WI
35-68-0029	ROBERT HOOD		NO PRAIRIE	53153	WI
35-68-0030	DONALD KLUSSENDORF	BOX 34	NO PRAIRIE	53153	WI
35-68-0052	RAY BAUMGARTNER & SONS	ROUTE 1	EAGLE	53119	WI
35-68-0054	KUHTZ BROS	ROUTE 2	WAUKESHA	53186	WI
35-68-0063	FRYDA JERSEYS	W250N8243 HILLSIDE	SUSSEX	53089	WI
35-68-0067	WM B WILTER	ROUTE 1, BOX 1	HARTLAND	53029	WI
35-68-0071	MAWDDWY FARM	ROUTE 1	DOUSMAN	53118	WI
35-68-0075	A V & J A CULL	ROUTE 3 BOX 665	PEWAUKEE	53072	WI
35-68-0078	MORRIS BROS	ROUTE 4 BOX 122	OCONOMOWOC	53066	WI
35-68-0083	LURVEY BROS		DOUSMAN	53118	WI
35-68-0095	ALVIN KAU	RR 1 BOX 32	EAGLE	53119	WI
35-68-0097	GEORGE KAU	ROUTE 1	EAGLE	53119	WI
35-68-0120	GEO MC KERROW AND SON	FARM 1	PEWAUKEE	53072	WI
35-68-0130	HENRY FEDER	ROUTE 2	MUKWONAGO	53149	WI
35-68-0147	JERALD BAUMGARTNER	ROUTE 1 BOX 105	EAGLE	53119	WI
35-68-0148	THE 4-LINKS GUERNSEY FAR	S101W24575 FOREST	BIG BEND	53103	WI
35-68-0154	RED BRAE FARM		EAGLE	53119	WI
35-68-0161	CHESTER&BARBARA WILLIAMS	ROUTE 1 BOX 119	WAUKESHA	53186	WI
35-68-0193	BOGGS & LINDGREN	36625 MAPLETON RDA	OCONOMOWOC	53066	WI
35-68-0199	JEREMIAH WILLIAMS & SON	ROUTE 3 BRYN DR	WAUKESHA	53186	WI
35-68-0205	JOSEPH J SPOKE	738 EAST MAIN ST	WALES	53183	WI
35-68-0211	LYLE LURVEY	3853 HWY 67	DOUSMAN	53118	WI
35-68-0213	ANTHONY KAU	ROUTE 1 BOX 28	EAGLE	53119	WI
35-69-0027	WAUPACA CO HOSPITAL		WEYAUWEGA	54983	WI
35-69-0029	LEONARD KOBISKE	ROUTE 3	WAUPACA	54981	WI
35-69-0031	DONALD & WILLIAM PETERSO		SCANDINAVIA	54977	WI
35-69-0033	R H & E J SMITH	ROUTE 4	WAUPACA	54981	WI
35-69-0039	ANDREW ANDERSON		OGDENSBURG	54962	WI
35-69-0052	DONALD @ KEITH LONG	ROUTE 2 BOX 372	WEYAUWEGA	54983	WI
35-69-0068	PALMER MYHRA	ROUTE 2	IOLA	54945	WI
35-69-0070	LEE WAIT	ROUTE 3	CLINTONVILLE	54929	WI
35-69-0207	ROYAL V WASRUD JR	ROUTE 1	SCANDINAVIA	54977	WI
35-69-0215	DENNIS & DAVID SANDERS	ROUTE 1	FREMONT	54940	WI
35-69-0224	WILLIAM J FASKELL	ROUTE 3	NEW LONDON	54961	WI
35-69-0226	FRANK BAUER	ROUTE 1	SCANDINAVIA	54977	WI
35-69-0299	KENNETH MATHIS		IOLA	54945	WI
35-69-0328	JIM AUER	ROUTE 3	NEW LONDON	54961	WI
35-70-0006	JOHN SATTLER		POY SIPPI	54967	WI
35-70-0008	GORDON KRENTZ	ROUTE 1 BOX 229	BERLIN	54923	WI
35-71-0010	CHARLES FOOTE JR	ROUTE 2	OMRO	54963	WI
35-71-0011	GRUNDY FARMS	1556 SUNNYVIEW RDA	OSHKOSH	54901	WI
35-71-0017	G F DE KEYSER	1955 S COMMERCIAL	NEENAH	54956	WI
35-71-0022	BASLER FARMS	5728 KNAPP ST RT 2	OSHKOSH	54901	WI
35-71-0033	EUGENE ANDERSON	9040 GREEN MEADOW	OSHKOSH	54901	WI
35-71-0047	WILLIAM OVERTON	5375 WINNECONNE RD	OSHKOSH	54901	WI
35-71-0050	EDWARD BUEHRING	1489 SAND PIT RD R	OSHKOSH	54901	WI
35-71-0057	RAY VANDER HEIDEN	ROUTE 2-HWY 45	NEENAH	54956	WI
35-71-0071	GEORGE DOBBERKE	654 VINLAND CTR RD	NEENAH	54956	WI
35-71-0072	JOHN BRADLEY	5545 DEER DR-RT 1	PICKETT	54964	WI

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
35-71-0079	WILLIAM G HUGHES & SONS	7069 WAUPUN ROAD R	OSHKOSH	54901	WI
35-71-0086	W G HARNESS & SONS	1605 BREEZEWOOD LA	NEENAH	54956	WI
35-71-0110	VERNON KEYS	ROUTE 2 BOX 69A	OMRO	54963	WI
35-71-0125	WILBUR LEWIS	ROUTE 1	OMRO	54963	WI
35-71-0135	RODNEY L OAIN	ROUTE 2	WINNECONNE	54986	WI
35-71-0157	F DAVID KAUFMANN	479 INDIAN PT RD	OSHKOSH	54901	WI
35-71-0165	EUGENE KOCH	1877 CENTER ROAD	NEENAH	54956	WI
35-72-0008	MELVIN OTT	ROUTE 1 BOX 262	MARSHFIELD	54449	WI
35-72-0024	MARSHFIELD EXP STAT		MARSHFIELD	54449	WI
35-72-0032	ELMER GARRELS		PITTSVILLE	54466	WI
35-72-0040	RAY F HEINZEN	ROUTE 5	MARSHFIELD	54449	WI
35-72-0042	JIM URBAN	ROUTE 2	PITTSVILLE	54466	WI
35-72-0065	HARVEY W OHM	ROUTE 1 BOX 187	AUBURNDALE	54412	WI
35-72-0161	ALFRED J KRINGS	ROUTE 2	AUBURNDALE	54412	WI
35-73-0001	G KERP & R BABLER	302 S CHURCH	ORANGEVILLE	61060	IL
35-73-0050	OSCAR HALL & SONS	ROUTE 1	CLINTON	53525	WI
41-01-0005	TURNOCK BROTHERS		LANLER	55759	MN
41-02-0008	MARVIN S LARSON	L-PINE FARM R R 2	ANOKA	55303	MN
41-02-0049	RAYMOND JONES	R R 1	ELK RIVER	55330	MN
41-05-0006	CARL H BACKES	R 2	SAUK RAPIDS	56379	MN
41-05-0048	DENNIS POPP	R R 1	RICE	56367	MN
41-05-0061	JOSEPH SCHUSTAK	R R 1	FOLEY	56329	MN
41-05-9098	MELVIN & LARRY HACKETT	R R 1	*RICE*	56367	MN
41-07-0012	E R & ROBERT MERTESDORF	R R	VERNON CENTER	56090	MN
41-07-0030	HILBERT BERGEMANN		GOOD THUNDER	56037	MN
41-07-0036	POPPE BROS	R R 2	GOOD THUNDER	56037	MN
41-07-0067	HUBBARD MILLING CO		*MANKATO*	56001	MN
41-07-0102	LOREN BROMELING & SONS	R R 1	EAGLE LAKE	56024	MN
41-07-9005	L L CROSWELL & SON	R R 2	LAKE CRYSTAL	56055	MN
41-07-9024	C N ADAMS AND SON	R R 5 BOX 73	MANKATO	56001	MN
41-07-9029	DONALD GLAHN	R R 3	JANESVILLE	56048	MN
41-07-9096	BLAINE P PHILLIPS	R R 3	*JANESVILLE*	56048	MN
41-08-0079	BENJAMIN J FISCHER	R R 1	SLEEPY EYE	56085	MN
41-08-0115	HAROLD J FISCHER	R R 2	SLEEPY EYE	56085	MN
41-08-9004	DENNIS SANDMANN	ROUTE 1	NEW ULM	56073	MN
41-08-9010	OLIVER HARTI & SONS	R R 1	SLEEPY EYE	56085	MN
41-09-0053	HATTSON BROS		*WRENSHALL*	55797	MN
41-09-0104	CLARENCE GUSTAFSON	R R 2 BOX 99	MAHTOWA	55762	MN
41-09-0106	DONALD A ANDERSON	*R R 1 BOX 50*	*MOOSE LAKE*	55767	MN
41-10-0035	HAROLD BRUESEHOFF		COLOGNE	55322	MN
41-10-0042	HENRY BACHMANN		NORWOOD	55368	MN
41-10-0065	CARL A HEDTKE	R R	YOUNG AMERICA	55397	MN
41-10-0082	CLIFFORD TRENDE	R R 1 BOX 115	COLOGNE	55322	MN
41-10-0131	EDWIN BRUEGGEMEIER	*R R*	*NORWOOD*	55368	MN
41-10-0179	LOTHAR WOLTER & SONS		NORWOOD	55368	MN
41-10-0240	CHARLES DIETZEL		COLOGNE	55322	MN
41-10-0275	BRUEGGEMEIER BROS		NEW GERMANY	55367	MN
41-10-0300	GLENN TRAVER		COLOGNE	55322	MN
41-10-0324	DARREL KUTZKE	R R 1 BOX 149	MAYER	55360	MN
41-10-0335	EARL GNAN	R R 1	NORWOOD	55368	MN
41-10-0339	HIRAM E GRIMM	R R 1	COLOGNE	55322	MN
41-10-0345	DENNIS SCHRUPP		*MAYER*	55360	MN
41-10-0347	JAMES LAUMANN & SONS		YOUNG AMERICA	55397	MN
41-10-0360	FRED FELTMANN JR	R R 1	NORWOOD	55368	MN
41-10-0368	RUDIGER GRAF		WATERTOWN	55388	MN
41-10-0391	TOM BREEGGEMAN	R R 1 BOX 99	CARVER	55315	MN
41-10-9062	EARL KRATZKE	*R R 1*	COLOGNE	55322	MN
41-10-9066	DUANE HEUER	R R 1 BOX 193	NORWOOD	55368	MN
41-10-9068	PAUL OELFKE AND SON		HAMBURG	55339	MN
41-10-9311	DARWIN H STOCK	R R	YOUNG AMERICA	55397	MN
41-11-9027	NORMAN WILKINS	*R R BOX 38*	HOTLEY	56466	MN
41-14-0092	LLOYD SETER AND SON		GLYNDON	56547	MN
41-14-0102	FRANK KIMM	R R 2	PELICAN RAPIDS	56572	MN
41-14-9073	GARY B WORKMAN		BORUP	56519	MN
41-17-0002	FRANZ FARMS	HENRY & DENNIS RR	BINGHAM LAKE	56118	MN
41-17-0005	ABE EWERT		BINGHAM LAKE	56118	MN
41-17-0036	DEAN GRANSEE & FAMILY		SANBORN	*56083*	MN
41-18-0046	MILO BUEHLER	*R R 1*	FORT RIPLEY	56449	MN
41-19-0047	W A AND WILBERT SCHAFFER	RTE 3	CANNON FALLS	55009	MN
41-19-0074	FRANCIS WEBER	R R 2 BOX 86	FARMINGTON	*55024*	MN
41-19-0077	AUGUST & BOB LEIFELD	R R 3	CANNON FALLS	55009	MN
41-19-0206	BETZOLD BROS	R R	FARMINGTON	*55024*	MN
41-19-0210	HAROLD WACHTER & SON		ROSEMOUNT	55068	MN
41-19-0250	WAYNE KIEFFER	R R 1	HASTINGS	*55033*	MN
41-19-0256	EUGENE SCHAFFER		CANNON FALLS	55009	MN
41-19-9039	W L CARROLL & SONS	R R 3	ROSEMOUNT	*55068*	MN
41-19-9059	DONAL J CARROLL		ROSEMOUNT	55068	MN
41-19-9064	HENRY W TRAPP	SKY-VU HOLSTEINS	HASTINGS	55033	MN
41-19-9077	AUGUST & BOB LEIFELD	R R 3	CANNON FALLS	55009	MN
41-19-9135	UNIV OF MINNESOTA HOL	EXPERIMENT STA	*ROSEMOUNT*	55068	MN
41-19-9174	UNIV OF MINNESOTA MSH	*EXPERIMENT STA*	ROSEMOUNT	55068	MN
41-19-9222	UNIV OF MINN GUER	EXPERIMENT STA	ROSEMOUNT	55068	MN
41-20-0005	MYRON ALBERTS		PINE ISLAND	*55963*	MN
41-20-0006	KENNETH ALBERTS		PINE ISLAND	55963	MN
41-20-0015	HAVEN BARTEL AND SON	RR 2	KASSON	55944	MN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
41-20-0018	DONALD GOCHNAUER		KENYON	55946	MN
41-20-0031	JOHN CHAPIN		DODGE CENTER	55927	MN
41-20-0067	ROBERT TIEDEN JER		HAYFIELD	55940	MN
41-20-0113	KARYL KENNEDY		PINE ISLAND	55963	MN
41-20-0140	WILLIS C MILLER		WEST CONCORD	55985	MN
41-20-0165	JAMES P MADSON	R R	BLOOMING PRAIRIE	55917	MN
41-20-0176	WILLIAM O SCHUTZ	R R	PINE ISLAND	55963	MN
41-20-0226	RONALD BEHOUNEK	R R 2	HAYFIELD	55940	MN
41-20-9010	CLARENCE & ELLWYN SMITH	WASIOJA HOLSTEIN	DODGE CENTER	55927	MN
41-21-0006	MRS KENNETH FERRIS		OSAKIS	56360	MN
41-21-0017	H G & D H JOHNSON		FARWELL	56327	MN
41-21-0084	DELAIR MELZER		NELSON	56355	MN
41-21-0116	GARY MORRISON		OSAKIS	56360	MN
41-21-0136	EARL ERICKSON		EVANSVILLE	56326	MN
41-21-0207	BRYAN WITHERS	R R	OSAKIS	56360	MN
41-21-9001	ROBERT W WITHERS & SONS	R R 1	OSAKIS	56360	MN
41-22-0120	RALPH DUTTON	R R 2	BLUE EARTH	56013	MN
41-22-9015	GEO LORENZ & H F GABBERT	WALNUT LAKE FARM	WELLS	56097	MN
41-22-9022	GENE HANKS		WINNEBAGO	56098	MN
41-23-0025	MURRELL JACOBSON		HARMONY	55939	MN
41-23-0047	ARNE AGRIMSON		PETERSON	55962	MN
41-23-0051	MRS LOUISE RUNGE & SONS	R R	HARMONY	55939	MN
41-23-0081	MERLYN & DARREL RAY	R R 3	PRESTON	55965	MN
41-23-0091	PORTER-WAYNE BROADWATER	R R 1	PRESTON	55965	MN
41-23-0233	MYRA & MILO BROADWATER		PRESTON	55965	MN
41-23-0354	JOHN RUEN	R R 1	LANESBORO	55949	MN
41-23-0365	HAROLD FORLAND		OSTRANDER	55961	MN
41-23-0372	HARLAN BOLAND	R R 1	SPRING VALLEY	55975	MN
41-23-0386	WM J BROADWATER	RR 1	PRESTON	55965	MN
41-23-9001	ELVIN PAULSON & SONS	R R 1 BOX 195	HOUSTON	55943	MN
41-23-9114	JAMES P TESKE	R R 3	SPRING VALLEY	55975	MN
41-23-9296	ROBERT D LAWSTUEN & SONS		LANESBORO	55949	MN
41-24-0012	ASHLE SKAAR		HAYWARD	56043	MN
41-24-0165	DAVID LARSON	R R 1	ALBERT LEA	56007	MN
41-24-0175	ARNOLD BERGSTROM	R R 4	AUSTIN	55912	MN
41-24-9009	CHRIS W SKAAR		HAYWARD	56043	MN
41-24-9044	ARTHUR ULLAND	R R 1 BOX 246	AUSTIN	55912	MN
41-24-9082	RAYMOND MILLER	R R 4 BOX 233	AUSTIN	55912	MN
41-25-0002	FORREST PATTERSON	R R 1	KENYON	55946	MN
41-25-0035	WILLARD & JOHN DIBBLE	R R 3	CANNON FALLS	55009	MN
41-25-0057	LLOYD TANGEN	R R 2	PINE ISLAND	55963	MN
41-25-0061	WILLIAM HEYDMANN	R R 2	ZUMBROTA	55992	MN
41-25-0072	PLEVKE BROS	R R 2	ZUMBROTA	55992	MN
41-25-0128	RICHARD REESE	R R	GOODHUE	55027	MN
41-25-0148	JOHN KISPERT & SON	R R	NERSTRAND	55053	MN
41-25-0159	LEVERNE VANGSNESS		KENYON	55946	MN
41-25-0267	GERHARD BJUGAN	R R 2	PINE ISLAND	55963	MN
41-25-0301	RON OOHMAN	R R 1	DENNISON	55018	MN
41-25-0308	KENNETH OLSON	ZUMBRO HOL FARM	ZUMBROTA	55992	MN
41-25-0313	JEROME MAHONEY	R R	CANNON FALLS	55009	MN
41-25-0385	WESLEY B MILLER	RT 1	PINE ISLAND	55963	MN
41-25-0392	EDWARD MANTHEI	R R 1	PINE ISLAND	55963	MN
41-25-0416	JOHN SCHAFER		LAKE CITY	55041	MN
41-25-0481	WALLACE E WILLE	R R 3	KENYON	55946	MN
41-25-0503	HERBERT H FREDRICKSON	R R	ZUMBROTA	55992	MN
41-25-0618	ALAN BRINKMAN	R R 3	GOODHUE	55027	MN
41-25-9012	WALTER A CORDES	R R 2	LAKE CITY	55041	MN
41-25-9139	SELMER FOSS & SONS NO 1	R R 3	KENYON	55946	MN
41-25-9142	C J VANGSNESS AND SON	R R 3	KENYON	55946	MN
41-25-9359	MERLE SCHWARTAU	R R 4	RED WING	55066	MN
41-25-9488	SELMER FOSS& SONS NO 2	R R 3	KENYON	55946	MN
41-26-0024	ORRIN&GERDLD CHRISTENSON	R R 1	WENDELL	56590	MN
41-27-0046	DANIEL G BOLKCOM	RT 1	DELANO	55328	MN
41-27-0152	GERALD J DEHN	R R 6 BOX 76	ANOKA	55303	MN
41-28-0159	VERNON ROBLE	R R 2	SPRING GROVE	55974	MN
41-28-0171	EARLYN KNUTSON	R R 3	CALEDONIA	55921	MN
41-28-9009	CLETUS SCHLIECH		CALEDONIA	55921	MN
41-28-9026	GUY SMITH + R BOLDT	R R 2	HOUSTON	55943	MN
41-28-9095	DONALD FORT	R R 1	HOUSTON	55943	MN
41-28-9180	LINUS ERNSTER	R R 2	CALEDONIA	55921	MN
41-30-0004	DEANE T SKOGMAN	LAKE HAVEN FM RR1	CAMBRIDGE	55008	MN
41-30-0017	LYLE SCHLEIF	R R 1	ZIMMERMAN	55398	MN
41-30-0049	WILLIAM V BINGER		CAMBRIDGE	55008	MN
41-30-0054	WAYNE BOETTCHER	R R 2	ISANTI	55040	MN
41-31-9002	NO CENT AGR EXP STATION	DR J W RUST	GRAND RAPIDS	55744	MN
41-32-0005	ROSEHAVEN HOLSTEIN FARM	E G ROSSON R R 1	WINDOM	56101	MN
41-33-0071	GERRETT OSTERDYK	R R 2 BOX 101	OGILVIE	56358	MN
41-33-0076	EARL SIGSTAD	R R 3	MORA	55051	MN
41-33-0082	LOTHAIR BRACEWELL & SON	R R 1	OGILVIE	56358	MN
41-33-0087	EARL COLE	R R 3	MORA	55051	MN
41-33-0143	JAMES MC ELROY	R R 2 BOX 49	BROOK PARK	55007	MN
41-33-9054	KENNETH W ANGSTMAN		MORA	55051	MN
41-34-0012	ROGER H JOHNSON	R R 1	ATWATER	56209	MN
41-34-0122	RICHARD BACKLUND		KANDIYOHI	56251	MN
41-34-0128	WILLIAM E BLOCK JR	R R 1 BOX 79	KANDIYOHI	56251	MN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
41-34-0145	HAROLD W LOVANDER	R R 1	WILLMAR	56201	MN
41-40-0005	DALE SAPP		LE CENTER	56057	MN
41-40-0013	LIONEL A BOLDTHEN		LE SUEUR	56058	MN
41-40-0043	ROEMHILDT BROS		CLEVELAND	56017	MN
41-40-0053	JAMES BAKER		CLEVELAND	56017	MN
41-40-0154	DAVE ANTONSEN AND SON		LE SUEUR	56058	MN
41-40-9019	FLOYD BAULEKE	RR 1	LE SUEUR	56058	MN
41-40-9041	MINN VALLEY BREEDERS		NEW PRAGUE	56071	MN
41-41 9000	DUANE GREGOR		TYLER	56178	MN
41-41-9033	ROLLAND JOHNSON		TYLER	56178	MN
41-41-9050	ROBERT KUHN		LAKE BENTON	56149	MN
41-42-0027	ORVILLE HENNEN		GHENT	56239	MN
41-42-9026	BOT BROS		MARSHALL	56258	MN
41-44-0009	JAMES R MUZZY	R R 2	THIEF RIVER FALLS	56701	MN
41-44-0031	LOYAL HOLMSTROM		NEWFOLDEN	56738	MN
41-45-0053	KENNETH KABE	R R 1	FAIRMONT	56031	MN
41-45-0173	DUDLEY THIESSE	R R	WELCOME	56181	MN
41-45-0198	ROBERT A OLSON		ALPHA	56111	MN
41-45-9147	ROBERT G SHOEN	RURAL ROUTE 2	TRUMAN	56088	MN
41-46-0003	VERYL JUHLAUS AND	GEORGE R R 1	GLENCOE	55336	MN
41-46-0005	CLEM HACKENTHUN		BROWNTON	55312	MN
41-46-0020	MELVIN A SPRENGLER	R R	PLATO	55370	MN
41-46-0021	RAYMOND & LOREN OLSON	R R 4	HUTCHINSON	55350	MN
41-46-0028	EDGEWOOD FARMS	R R 3	HUTCHINSON	55350	MN
41-46-0171	HILLARD BULLERT	R R 2	GLENCOE	55336	MN
41-46-0198	L PETERSON & A WENDORFF	R R 3	HUTCHINSON	55350	MN
41-46-0417	KENNETH FREDRICKSON	R R 1	HUTCHINSON	55350	MN
41-46-9025	DONALD J MARTENS		HUTCHINSON	55350	MN
41-46-9034	DONALD JERGENS	R R 2	HUTCHINSON	55350	MN
41-46-9056	LOWELL PETERSON	R R 4	HUTCHINSON	55350	MN
41-46-9090	LEROY DONNAY	R R 2	GLENCOE	55336	MN
41-46-9172	OMAR PETERSON	R R 3	GLENCOE	55336	MN
41-46-9216	VERNON WROGE	R R 1	PLATO	55370	MN
41-46-9275	FRED M KUEHL	R R 3	HUTCHINSON	55350	MN
41-46-9364	ROGER K OLSON	R R 4	HUTCHINSON	55350	MN
41-46-9457	STEVE TUMAN	R R 3	GLENCOE	55336	MN
41-47-0002	RICHARD URDAHL	R R 1 BOX 150	LITCHFIELD	55355	MN
41-47-0026	HARLAND SLINDEN	R R 1	GROVE CITY	56243	MN
41-47-0056	ALOYS WESTRUP	R R 3	LITCHFIELD	55355	MN
41-47-0201	MAURICE NYQUIST	R R 1	COKATO	55321	MN
41-47-0285	JOE RATHMANN		WATKINS	55389	MN
41-48-0031	DON TIMMER	R R 2	MILACA	56353	MN
41-48-0062	RAY EDGREN	ROUTE 1	FORESTON	56330	MN
41-48-0140	STANLEY LEGER	R R 4	PRINCETON	55371	MN
41-48-0159	AL GRUBA	R R 1	FORESTON	56330	MN
41-48-9139	ROBERT L MAPLES	R R 2 BOX 207	MILACA	56353	MN
41-49-0020	CARL VIRNIG AND SON	R R 1	PIERZ	56364	MN
41-49-0053	JAMES ANDRES	R R 1	PIERZ	56364	MN
41-49-0058	PAUL MUELLER	R R 1	SWANVILLE	56382	MN
41-49-0068	JAMES AND CURTIS THEIS	R R 2	PIERZ	56364	MN
41-49-0075	BOB HAPPKE	R R 1	PIERZ	56364	MN
41-49-0081	NIEL ADAMEK	R R 1	RANDALL	56475	MN
41-49-0145	JEROME KEMPENICH	R R 1	RANDALL	56475	MN
41-50-0036	JOHN H HILL		ADAMS	55909	MN
41-50-0133	WILFRED BISSEN		ROSE CREEK	55970	MN
41-50-0185	RAYMOND R SAYLES & SONS	R R 2 BOX 293	AUSTIN	55912	MN
41-51-0004	VAN DORT ENTERPRIZES	% J VAN DORT RR 2	FULDA	56131	MN
41-51-0102	ROBERT D DYSTHE	R R 3 BOX 162	SLAYTON	56172	MN
41-52-0004	WALTER & DOUG SCHULTZ	R R	NICOLLET	56074	MN
41-52-0019	LYLE SEITZER	R R	ST PETER	56082	MN
41-52-0021	NATHAN D BODE	R R 1	NICOLLET	56074	MN
41-52-0040	LLOYD SEITZER	RFD	ST PETER	56082	MN
41-52-0064	CARL MARTENS		LAFAYETTE	56054	MN
41-52-0080	RUSSELL THOMPSON	R R 2	NICOLLET	56074	MN
41-52-0101	LYLE F WELDY & SONS	FAIRLIN FARMS RR 1	FAIRFAX	55332	MN
41-52-0151	LOWELL SJOSTROM	R R 1	LAFAYETTE	56054	MN
41-52-9083	HENRY GIESEKE JR	RT 3	NEW ULM	56073	MN
41-54-0058	RICHARD VISSER		ADA	56510	MN
41-54-9017	ELDO N BENTLEY	R R 2	TWIN VALLEY	56584	MN
41-54-9033	JAMES HUSEBY		TWIN VALLEY	56584	MN
41-55-0032	CHARLES J ANDRIST	RR	PINE ISLAND	55963	MN
41-55-0045	VERNON RUCKER	R 1	ORONOCO	55960	MN
41-55-0168	PAUL STELLPFLUG	5610 COLLEGE VIEW	ROCHESTER	55901	MN
41-55-0394	DWAINE KIEHNE	R R 2	CHATFIELD	55923	MN
41-55-0463	ERVIN REINECKE	R R 2	EYOTA	55934	MN
41-55-9070	ALTON W PAGEL	R R 3 BOX 100	ROCHESTER	55901	MN
41-55-9174	LOREN BIERBAUM	R R	EYOTA	55934	MN
41-55-9255	DR ESSEX & H HEINS	5455 W RIVER RD NW	ROCHESTER	55901	MN
41-55-9319	CLIFTON PAGEL	R R 1	EYOTA	55934	MN
41-55-9403	ALVIN R NISBIT AND SONS	R R 2	ROCHESTER	55901	MN
41-56-0073	HAROLD UKKELBERG		CLITHERALL	56524	MN
41-56-0078	ORVILLE FURNESS	R R 1	UNDERWOOD	56586	MN
41-56-0079	HERB AND ALLEN SCHROEDER	R R 3	FERGUS FALLS	56537	MN
41-56-0146	THOMAS O TARBUT	R R 2	PELICAN RAPIDS	56572	MN
41-56-0153	PHILIP PAHAN	R R 1	UNDERWOOD	56586	MN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
41-56-0332	HAROLD WOODS		DENT	56528	MN
41-56-0335	SORUM DAIRY	R R	PELICAN RAPIDS	56572	MN
41-56-0342	JOE CRABB	R R 3	WADENA	56482	MN
41-56-0385	OBERT AABERG		ROTHSAY	56579	MN
41-56-0515	JIM CRABB		HEWITT	56453	MN
41-56-0553	ALVIN B SCHOON	R R 3 BOX 82	WADENA	56482	MN
41-56-0590	JORAINE CRABB	R R 3	SEBEKA	56477	MN
41-56-0607	L VERNON DANIELSON	R R 3	FERGUS FALLS	56537	MN
41-56-0654	VOGE BROTHERS	R R	DEER CREEK	56527	MN
41-56-0687	PETER PEETERS & SONS	R R	MENAHGH	56464	MN
41-56-9550	CHUCK M WILL	R R 1	UNDERWOOD	56586	MN
41-58-0089	LONNIE JOHNSON	R R 2	PINE CITY	55063	MN
41-58-0122	CHENG-WA-ME CORPORATION	ALBERT WANOUS R 3	PINE CITY	55063	MN
41-58-0130	JOHN F ECKLUND	R R 1 BOX 144	ASKOV	55704	MN
41-58-0132	TED RASMUSSEN	R R 1	PINE CITY	55063	MN
41-58-0138	JAMES PEMBERTON	R R	WILLOW RIVER	55795	MN
41-58-9017	HJALMAR WESTMAN AND SON		RUSH CITY	55069	MN
41-59-0067	KENNETH VELDKAMP		HOLLAND	56139	MN
41-59-0108	MICHAEL D WILLERT	R R	VERDI	56179	MN
41-60-0018	PAUL & RON OLSON	R R 2	EAST GRAND FORKS	56721	MN
41-60-0027	DONALD F TAUS		ANGUS	56712	MN
41-60-9010	N W AGR EXP STATION	DR GEORGE D MARX	CROOKSTON	56716	MN
41-60-9049	MYLO CARLSON	R R	ANGUS	56712	MN
41-61-0066	LEROY P KNUTSON	R R	GLENWOOD	56334	MN
41-64-0010	RAYMOND HOFFBECK	R R	MORGAN	56266	MN
41-64-0070	WALTER DALLENBACH	R R 1 BOX 24	MORGAN	56266	MN
41-64-0119	ARTHUR MAAS		WALNUT GROVE	56180	MN
41-64-9018	JOHN JUENEMANN AND SONS	R R	SANBORN	56083	MN
41-66-0006	ARCHIE L SANBORN	R R 1	FARIBAULT	55021	MN
41-66-0013	BURTON PETERSON	R R 1	NORTHFIELD	55057	MN
41-66-0028	JOHN F GRIMM	R R 1 BOX 163	FARIBAULT	55021	MN
41-66-0031	JOHN & MILTON OLSON	R R 1	FARIBAULT	55021	MN
41-66-0039	JUSTICE RADTKE		KENYON	55946	MN
41-66-0045	EDGAR AND JIM FUCHS	R R 5	FARIBAULT	55021	MN
41-66-0062	WALTER R FUCHS		NERSTRAND	55053	MN
41-66-0071	ED AND CLIFF MESCHKE		MORRISTOWN	55052	MN
41-66-0081	LUVERNE BAUER	R R 1	FARIBAULT	55021	MN
41-66-0210	NORMAN WEGNER	R R 2	FARIBAULT	55021	MN
41-66-0228	MAX AND GENE BERTRAM		WARSAW	55087	MN
41-66-0240	RICHARD E MILLER	R R 1	NORTHFIELD	55057	MN
41-66-0295	STEVEN & EDWARD DREWITZ	R R 3	FARIBAULT	55021	MN
41-66-9227	JOHN & FLORENCE VOLKERT		DENNISON	55018	MN
41-67-9103	HENRY J VIS	R R	BEAVER CREEK	56116	MN
41-67-9136	PETER J VIS & SONS	RR	VALLEY SPRINGS	57068	SD
41-68-0045	WILLIAM WILSON		GREENBUSH	56726	MN
41-68-0048	ROBERT BRINKMAN	STAR R A	ROSEAU	56751	MN
41-69-0069	ART CAPPO		CHISHOLM	55719	MN
41-70-0036	MARVIN KLEHR	R R 2	SHAKOPEE	55379	MN
41-70-0076	WALLACE J HUSS	R R 1	JORDAN	55352	MN
41-70-0161	GORDON THOMPSON		LAKEVILLE	55044	MN
41-70-0167	DONALD BREEGGEMANN	R R 2 BOX 32	SHAKOPEE	55379	MN
41-70-0202	RO & BOB WERMERSKIRCHEN	R R 1	JORDAN	55352	MN
41-70-0204	MERILL WILL		JORDAN	55352	MN
41-70-9026	J DONALD SEIFERT		JORDAN	55352	MN
41-70-9031	DAVID MINAR	R R 2	NEW PRAGUE	56071	MN
41-71-0002	RICHARD HINKLE	13432 MEADOWVAL NW	ELK RIVER	55330	MN
41-71-0039	HAROLD MITCHELL	R R	BIG LAKE	55309	MN
41-71-0046	SWANSON BROS	KENNETH-MARVIN RR	BIG LAKE	55309	MN
41-72-0002	RAY SALLSTROM		WINTHROP	55396	MN
41-72-0015	JOHN & KARL MUELLER	ELGINVUE FARMS	ARLINGTON	55307	MN
41-72-0025	ARNOLD DIEHN	R R	ARLINGTON	55307	MN
41-72-0029	RUBEN JUTZ		GIBBON	55335	MN
41-72-0041	LAWRENCE BELTER	R R	HAMBURG	55339	MN
41-72-0051	ERNEST PERSCHAU AND SON	R R 1	GLENCOE	55336	MN
41-72-0108	MICHAELIS FARM	R R 1	ARLINGTON	55307	MN
41-72-0124	BEUCAL FARM	C/O O BEUCH RR	HENDERSON	56044	MN
41-72-0144	EARL E WIEMAN	R R 1	ARLINGTON	55307	MN
41-72-0180	LARRY JENNEKE		YOUNG AMERICA	55397	MN
41-72-9042	VIRGIL BELTER	R R 1	GLENCOE	55336	MN
41-72-9078	LUVERNE BERGS	R R	ARLINGTON	55307	MN
41-72-9198	BOB BOLTMANN	R R 1	HAMBURG	55339	MN
41-73-0045	FIEDLER BUTTERDAY FARM	R R 2 BOX 107	SAUK CENTRE	56378	MN
41-73-0055	HAROLD & DAVID JENNISSEN		SAUK CENTRE	56378	MN
41-73-0122	NORBERT GOEBEL		ALBANY	56307	MN
41-73-0419	JAMES L JENNISSEN	R R	BROOTEN	56316	MN
41-73-0657	LOUIS STANG	R R 1	REGAL	56366	MN
41-73-0677	IRVIN STANG	R R 2	RICHMOND	56368	MN
41-73-0702	ROMAN WALDORF	R R 1	ALBANY	56307	MN
41-73-0759	KENNETH KREBS	R R 1	ALBANY	56307	MN
41-73-0786	ALOYS KLASSEN	R R 1	FREEPORT	56331	MN
41-73-9030	BERT SCHWINGHAMER	RT 1	ALBANY	56307	MN
41-73-9045	ED FIEDLER	R R 2 BOX 70	SAUK CENTRE	56378	MN
41-73-9055	HAROLD & DAVID JENNISSEN		SAUK CENTRE	56378	MN
41-73-9224	ANTHONY JENNISSEN	R R 1	SAUK CENTRE	56378	MN
41-73-9327	ALOYSIUS LUETMER	R R 2	MELROSE	56352	MN

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
41-73-9336	ALCUIN GOEBEL	R R 1	FREEPORT	56331	MN
41-74-0048	ROGER & GORDON HOSFIELD		MEDFORD	55049	MN
41-74-0065	DUANE E WEGNER	R R 1	MEDFORD	55049	MN
41-74-0066	JEROME RYPKA	BOX 5	OWATONNA	55060	MN
41-74-0112	ERNEST PICHNER JR	R R 1	CLAREMONT	55924	MN
41-74-0132	LOREN KRAUSE	R R 4	OWATONNA	55060	MN
41-74-0235	JOHN KVASNICKA	NO CEDAR ST 12	OWATONNA	55060	MN
41-74-9031	ROOSEVELT DITLEVSON		BLOOMING PRAIRIE	55917	MN
41-74-9051	DARWIN KASPER	R R 1	MEDFORD	55049	MN
41-74-9069	CARLO HANSEN	R R 2	BLOOMING PRAIRIE	55917	MN
41-74-9099	GEORGE & DAN DEML	R R 2	OWATONNA	55060	MN
41-74-9143	DAVID DEMMER & SONS		ELLENDALE	56026	MN
41-74-9206	EMIL STEINBERG	R R 1	OWATONNA	55060	MN
41-75-9002	M CENT AGR EXP STATION	DENNIS JOHNSON	MORRIS	56267	MN
41-76-0064	ARDELL JOHNSON	R R	KERKHOVEN	56252	MN
41-77-0001	HOWARD TYRRELL	R R 3 BOX 25	BROWERVILLE	56438	MN
41-77-0046	HANSON BROTHERS		EAGLE BEND	56446	MN
41-77-0050	ROBERT R BEHRENDS	R R 1	CLARISSA	56440	MN
41-77-0051	GERALD ECKEL		EAGLE BEND	56446	MN
41-77-0085	JOHN SCHWANKE	R R	GREY EAGLE	56336	MN
41-77-0100	DAVID ABRAHAMSON	R R 3	BROWERVILLE	56438	MN
41-77-0126	LAWRENCE TRUAX		HEWITT	56453	MN
41-77-0128	RICHARD BARON	R R 3 BOX 58	BROWERVILLE	56438	MN
41-77-0138	JEROME LANUSGA	R R 3	BROWERVILLE	56438	MN
41-77-0142	RICHARD THOMPSON		CLARISSA	56440	MN
41-77-0145	DALE & GARY GREENWALDT		EAGLE BEND	56446	MN
41-77-0213	LLOYD HOLMQUIST		CLARISSA	56440	MN
41-77-9195	HAROLD V KRAUSE		EAGLE BEND	56446	MN
41-77-9239	ROBERT L SLITER	R R 1	HEWITT	56453	MN
41-79-0018	KERWIN SIEWERT	R R	ZUMBRO FALLS	55991	MN
41-79-0098	HARRY HEINCKE		LAKE CITY	55041	MN
41-79-0233	LEWIS KACKMAN	R R 3	LAKE CITY	55041	MN
41-79-0237	DUANE SCHULZ		PLAINVIEW	55964	MN
41-79-9141	HARLAN SIEWERT		ZUMBRO FALLS	55991	MN
41-79-9336	DAVID C + PAUL G PIERSON	R R 1	LAKE CITY	55041	MN
41-81-0013	ARMIN TESCH		WALDORF	56091	MN
41-81-0029	RAYMOND H THOMPSON	R R 4	WASECA	56093	MN
41-81-9084	WASECA EX STATION S	BOX 109	WASECA	56093	MN
41-82-0100	GEORGE RYDEEN	10708 ARCOLA TRA.N	STILLWATER	55082	MN
41-82-0105	LESTER RYDEEN		MARINE ST CROIX	55047	MN
41-82-0154	EBERHARD BROS	3480 STILLWATER RD	ST PAUL	55119	MN
41-82-0160	EUGENE TAYLOR	19480 FENWAY AVE N	FOREST LAKE	55025	MN
41-82-0172	MARCEL & GEORGE MIRON	R R 2	HUGO	55038	MN
41-82-9090	WAYNE D BROWN	RT 3	HASTINGS	55033	MN
41-82-9118	KENNETH H BROWN	R R 3	HASTINGS	55033	MN
41-82-9140	RANDALL NELSON	81 STAGECOACH TR	STILLWATER	55082	MN
41-83-0063	ROBERT F GIESEKE	R R 1	ST JAMES	56081	MN
41-83-0118	THOMAS TIEDEKEN	R R 2	ST JAMES	56081	MN
41-83-0122	RAYMOND F HARDER	R R 1	BUTTERFIELD	56120	MN
41-83-9020	HERMAN & HARVEY HECKMAN	R R 1	ST JAMES	56081	MN
41-84-0101	HERB & DAVID WEST	R R 1	NASHUA	56565	MN
41-84-9002	M STOLTENOW & D LEINEN	R R	GREAT BEND	58039	ND
41-85-0059	RALPH HERBER & FAMILY		ROLLINGSTONE	55969	MN
41-85-0097	HOWARD VOLKART		MINNESOTA CITY	55959	MN
41-85-0135	RUSSELL PERSONS		ST CHARLES	55972	MN
41-85-0210	LOWELL BABCOCK	R R 1	UTICA	55979	MN
41-85-0211	ALLEN AARSVOLD	R R	PETERSON	55962	MN
41-85-0223	KETCHUM FARMS	R R	UTICA	55979	MN
41-85-0321	KERMIT VERTHEIN	R R	ALTURA	55910	MN
41-85-0409	ART JOHNSON & SONS		MINNESOTA CITY	55959	MN
41-85-0417	FRANK KREIDERMACHER		MINNEISKA	55958	MN
41-85-0449	WAYNE H DABELSTEIN	R R 1	ST CHARLES	55972	MN
41-85-0460	HAROLD HERBER & SONS		ROLLINGSTONE	55969	MN
41-85-0481	MELVIN A HERSHEY	RR 2 BOX 158A	ST CHARLES	55972	MN
41-85-9003	RUSSELL J WIRT & FAMILY	MAPLE LEAF FARM	LEWISTON	55952	MN
41-85-9023	KURTZ BROS	BOX 2A	ALTURA	55910	MN
41-85-9167	WACHHOLZ BROS	R R 1	MINONA	55987	MN
41-85-9385	LELAND FERDEN		UTICA	55979	MN
41-86-0020	JEROME VERGIN	R R 1 BOX 305	BUFFALO	55313	MN
41-86-0040	STIFTER BROS	R R	HOWARD LAKE	55349	MN
41-86-0058	WALTER BERNING-SONS INC	R R 2	ELK RIVER	55330	MN
41-86-0076	CHANDLER DAVIS	R R	COKATO	55321	MN
41-86-0085	HENRY LEHTOLA	R R	COKATO	55321	MN
41-86-0120	ROBERT R RING	R R	BUFFALO	55313	MN
41-86-0122	PAUL RAISANEN		COKATO	55321	MN
41-86-0282	RONALD UTER		WAVERLY	55390	MN
41-86-0295	CALVIN DEIDRICK		WAVERLY	55390	MN
41-86-0432	WILLIAM & CAROLE SOOK	R R	ANNANDALE	55302	MN
41-86-0455	RUSSELL PROVO	R R	MAPLE LAKE	55358	MN
41-87-0038	RUSSELL E MAHLUM		CANBY	56220	MN
41-87-9055	RHEA & SCHLECHT	DAIRY FARM	PORTER	56280	MN
42-00-0102	BYE, ORLANDO AND JAMES		EMMONS	56029	MN
42-00-0409	KNORR, CHARLES C		PICKERING	64476	MO
42-03-0002	WINKE, WALTER	R R 1	WAUKON	52172	IA
42-03-0018	FRITZ BROS	R R 2	LANSING	52151	IA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
42-03-0024	REGAN, WM M	R R 2	WAUKON	52172	IA
42-03-0028	KERNDT, WILLARD	R R 1	LANSING	52151	IA
42-03-0038	KRUGER, BENJAMAN	R R 3	WAUKON	52172	IA
42-03-0041	TESLOW, WALTER	R R 3	WAUKON	52172	IA
42-03-0055	GOEKE, WILLARD	R R 1	WAUKON	52172	IA
42-03-0056	KERNDT FARMS	R R 2	LANSING	52151	IA
42-03-0075	OPFER, VIRGIL	R R 1	WAUKON	52172	IA
42-03-0082	IVERSON, ORVILLE	R R 1	DORCHESTER	52140	IA
42-03-0135	SIVESIND, FRANK	R R 3	WAUKON	52172	IA
42-03-0156	DEBOWER, LYLE E	R R 2	MONONA	52159	IA
42-03-0244	FOSSUM, ARLYN	R R 1	WATERVILLE	52170	IA
42-03-0255	STOCK, ROBERT O	R R 1	WAUKON	52172	IA
42-03-0258	VENES, ROBERT	205 MAIN	WAUKON	52172	IA
42-05-0004	JENSEN, MELVIN G	R R 2	EXIRA	50076	IA
42-05-0017	JENSEN, GEORGE B	R R 2	EXIRA	50076	IA
42-06-0058	BECKER, WILBERT	R R 1	WATKINS	52354	IA
42-06-0080	SANTMAN, DALE E	BOX 116	DYSART	52224	IA
42-06-0082	SCHULTE, RAY	R R 1	NORWAY	52318	IA
42-06-0085	BIERSCHENK, DENNIS	R R	VAN HORNE	52346	IA
42-06-0087	BECKER, ROBERT	R R 1	ATKINS	52206	IA
42-06-0102	SCHULTE, HERBERT & SONS	R R 1	NORWAY	52318	IA
42-07-0006	ANDERSON, T J	R R 2	CEDAR FALLS	50613	IA
42-07-0020	ENTZ BROTHERS	C/O JOHN ENTZ RT 4	WATERLOO	50700	IA
42-07-0028	NEWGARD, BURTON	R R 3	CEDAR FALLS	50613	IA
42-07-0034	FIKE, L NEIL & FAMILY	RT 1	WATERLOO	50700	IA
42-07-0047	LEYMASTER, RALPH	R R 3	CEDAR FALLS	50613	IA
42-07-0076	HESSE, WALTER	R R 3	WATERLOO	50700	IA
42-07-0097	HANSEN, JACK	R R	HUDSON	50643	IA
42-07-0106	CROSS, T A	R R 4	CEDAR FALLS	50613	IA
42-08-0004	GRABAU, HAROLD	R R 3	BOONE	50036	IA
42-08-0015	FLYNN, JAMES B	R R 2 BOX 89	BOONE	50036	IA
42-08-0031	WOODWARD ST HOSP AND SCH		WOODWARD	50276	IA
42-08-0054	A-E GUERNSEY PRODUCERS		KELLEY	50134	IA
42-09-0034	BUHR, ALLEN A	R R 2	SUMNER	50674	IA
42-09-0037	ORTH, MERLIN	R R 2	WAVERLY	50677	IA
42-09-0038	SMITH, NEIL JR	R R 2	WAVERLY	50677	IA
42-09-0045	ALBRECHT, RALPH	413 EAST 1ST ST	SUMNER	50674	IA
42-09-0067	SCHUMACHER, LA VERNE	R R	READLYN	50668	IA
42-09-0075	JOACHIM ESTATE, ORVAL	R R 2	WAVERLY	50677	IA
42-09-0159	LAU, ROLAND	R R	READLYN	50668	IA
42-10-0080	KLEITSCH, EDWARD		FAIRBANK	50629	IA
42-10-0140	KANE, HAROLD		FAIRBANK	50629	IA
42-10-0141	NIELSEN, WM		WALKER	52352	IA
42-11-0054	HINKELDEY, ARLIN		ALTA	51002	IA
42-12-0010	SMITH, DUANE L		GREENE	50636	IA
42-12-0025	CHESTER, MARIE AND SONS	R R	PLAINFIELD	50666	IA
42-13-0014	HOELLER, MARION		SOMERS	50586	IA
42-14-0003	OHMANN, VERN AND SON		BREDA	51436	IA
42-14-0012	OPPERMAN, GEORGE		MANNING	51455	IA
42-14-0018	LUDWIG, CLARENCE	R R 1	BREDA	51436	IA
42-14-0030	MANCRYCO FARMS	LESTER OAHMANN	MANNING	51455	IA
42-14-0036	LEMKER, ALAN	R R 1	BREDA	51436	IA
42-15-0003	NICHOLS, FLETCHER	R R 1	ATLANTIC	50022	IA
42-15-0006	LASSEN, WILLIAM	R R 1	ATLANTIC	50022	IA
42-15-0039	BARTELSON, JAMES		ANITA	50020	IA
42-16-0012	GATES, L CLAIRE	R R 1	WEST LIBERTY	52776	IA
42-16-0055	GRADELMAN, MERLIN	R R 2	CLARENCE	52216	IA
42-17-0044	AHES, ROBERT		ROCKWELL	50469	IA
42-18-0017	FORDYCE, ELDON		AURELIA	51005	IA
42-18-0019	FELTEN, ALFRED W		AURELIA	51005	IA
42-19-0006	KLEISS, HADWEN		FREDERICKSBURG	50630	IA
42-22-0002	STEVA, GERALD & WILLIAM		LUANA	52156	IA
42-22-0003	ZIEMAN, LYLE		LUANA	52156	IA
42-22-0017	BRANDT, EWALD C		POSTVILLE	52162	IA
42-22-0019	SCHULTZ, ROBERT A		LUANA	52156	IA
42-22-0053	TROESTER, RICHARD	RAE-MAR FARM RR	ELKADER	52043	IA
42-22-0063	MEYER, IRVIN F AND SON		MCGREGOR	52157	IA
42-22-0067	MEIER, MILTON & WILLIS	R R	FARMERSBURG	52047	IA
42-22-0099	KREGEL, VIRGIL B		GUTTENBERG	52052	IA
42-22-0104	AMUNDSON, MORRIS	R R	ELGIN	52141	IA
42-22-0134	SUDDENDORF,KENNETH-LARRY		MONONA	52159	IA
42-22-0184	OBERBROECKLING, DON	R R	GARNAVILLO	52049	IA
42-22-0191	KEEHNER, HOWARD J	SHARWARD FARM R 1	GUTTENBERG	52052	IA
42-22-0199	MOON, VERNICE		MONONA	52159	IA
42-22-0207	KURTH, CALVIN		LUANA	52156	IA
42-22-0218	HARBAUGH, RICHARD		GUTTENBERG	52052	IA
42-22-0222	GLEASON, GLEN		GREELEY	52050	IA
42-22-0244	MILLER, HARLAN & RONALD	% RONALD MILLER	MONONA	52159	IA
42-22-0445	LORMAX INC	R R 1,	MC GREGOR	52157	IA
42-23-0007	GRUENWALD, RONALD	EL-RON FARMS RR 1	LOST NATION	52254	IA
42-23-0054	BARBER, LEE F	R R 2	DE WITT	52742	IA
42-24-0017	OSSENKOP,VERNON-MARY KAY	R R 1	VAIL	51465	IA
42-26-0017	HENDRICKS, DALE	R R 1	BLOOMFIELD	52537	IA
42-27-0006	GRACELAND COLLEGE FARM	% W C BALLANTYNE	LAMONI	50140	IA
42-28-0006	MULLIS, LEROY		EARLVILLE	52041	IA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
42-28-0016	VOELKER, CARROLL		RYAN	52330	IA
42-28-0018	KNIPPER, GERALD		EARLVILLE	52041	IA
42-28-0133	ZUMBACH, LOUIS R JR	FARM 1	COGGON	52218	IA
42-28-0135	VOELKER, MRS ALVIN-SONS	R R 1	RYAN	52330	IA
42-28-0137	ROSS, DOUGLAS L	R R 3	MANCHESTER	52057	IA
42-28-0157	FELDMANN, FRANCIS & SONS	R R 1	HOPKINTON	52237	IA
42-28-0159	HAYNES, CHARLES	ALFAGOLD FARM R 1	MANCHESTER	52057	IA
42-28-0404	GIBBS, WILLIAM	R R 1	EARLVILLE	52041	IA
42-30-0036	HOFFMAN, ANDREW		LAKE PARK	51347	IA
42-30-0056	PASKERT, LARRY	R R	LAKE PARK	51347	IA
42-31-0036	PFEILER, LYAL		HOLY CROSS	52053	IA
42-31-0073	SCHUELLER, WILLIAM F	R R	ZWINGLE	52079	IA
42-31-0080	PANCRATZ, KENNETH	R R	ZWINGLE	52079	IA
42-31-0104	UNGS, JOHN P	R R 2	NEW VIENNA	52065	IA
42-31-0115	KLUESNER, FRED	R R 1	WORTHINGTON	52078	IA
42-33-0012	SMITH, DEWAYNE		MAYNARD	50655	IA
42-33-0066	CUNNINGHAM, MICHAEL J		ARLINGTON	50606	IA
42-33-0075	HAMLETT BROS	% CHARLES HAMLETT	LAMONT	50650	IA
42-33-0091	DECKER, EDWIN & ROGER	R R 1	WESTGATE	50681	IA
42-33-0147	NABHOLZ BROS		WEST UNION	52175	IA
42-33-0187	LEECH, MILTON	R R 1	WESTGATE	50681	IA
42-33-0202	PAGEL, RUSSEL & JOAN	R R 1	SUMNER	50674	IA
42-33-0210	BACHLE BROTHERS	R R 1	MAYNARD	50655	IA
42-33-0251	TRIUNA FARMS & ANDERSON	403 N FREDERICK	OELWEIN	50662	IA
42-33-0307	HAMLETT & BREITSPRECHER	BOB BREITSPRECHER	ARLINGTON	50606	IA
42-33-0323	PAGEL, ROGER	R R	SUMNER	50674	IA
42-33-0329	LEHMANN, EARL L		ELGIN	52141	IA
42-33-0357	ROLLING ACRES DAIRY FARM	%MICHAEL OSMUNDSON	WEST UNION	52175	IA
42-33-0368	MASSMAN, ALBIN		OSSIAN	52161	IA
42-33-0374	YEAROUS, JOHN L	R R 1	SUMNER	50674	IA
42-33-0388	KNOB PRAIRIE FARM	% MICHAEL STREIF	WEST UNION	52175	IA
42-34-0042	ELLIS, RODNEY C	R R 3	CHARLES CITY	50616	IA
42-35-0011	SHOWALTER, KENNETH	R R 1	HAMPTON	50441	IA
42-35-0027	MEYER, MAYNARD		DOWS	50071	IA
42-35-0050	SCHROEDER, MARVIN	R R	LATIMER	50452	IA
42-37-0002	RAAZ, FRED		JAMAICA	50128	IA
42-38-0041	PRIMUS, HERMAN		WELLSBURG	50680	IA
42-38-0051	CONRADI, MELVIN	R R 2	REINBECK	50669	IA
42-38-0054	GEERDES, ROBERT J	R R 1	WELLSBURG	50680	IA
42-38-0065	BILLERBECK, RICHARD		GRUNDY CENTER	50638	IA
42-38-0087	ALBERS, ALFRED		WELLSBURG	50680	IA
42-39-0026	MC CUEN AND SON		YALE	50277	IA
42-40-0009	HAMILTON COUNTY HOME	R R 3	WEBSTER CITY	50595	IA
42-40-0032	CRILLY, THOMAS JR	R R 1	WILLIAMS	50271	IA
42-41-0008	HULING, GARY	R R	BRITT	50423	IA
42-41-0029	MC LAUGHLIN, CHARLES T	R R	BRITT	50423	IA
42-41-0037	KATTER, CECIL B AND SONS	R R	KLEMME	50449	IA
42-41-0059	TRCA, ANTON	R R	GARNER	50438	IA
42-41-0103	BLUMER, ROBERT	R R 2	GARNER	50438	IA
42-42-0037	CLAMPITT AND REECE	R R 2	NEW PROVIDENCE	50206	IA
42-43-0010	LEEWAY FARM	M LEE AND SON RT 1	WOODBINE	51579	IA
42-43-0016	DAVIS BROTHERS	R R 1	WOODBINE	51579	IA
42-45-0008	BYRNES, LOUIS AND ROBERT	R R 1 BOX 14	CRESCO	52136	IA
42-45-0009	CHURCH, WILLIAM	R R	RICEVILLE	50466	IA
42-45-0032	REINHART, RICHARD	R R 3	CRESCO	52136	IA
42-46-0024	HEFTY, CLARENCE		RENWICK	50577	IA
42-46-0049	NORMAN, MARSHALL C		RUTLAND	50582	IA
42-48-0009	TOMPKINS, JIM	R R 2	MARENGO	52301	IA
42-48-0011	STUTZMAN, ARNOLD	R R 2	WELLMAN	52356	IA
42-48-0022	YODER, DANIEL	R R	PARNELL	52325	IA
42-49-0025	OGLESBY, RONALD W	R R	BERNARD	52032	IA
42-49-0037	HEINRICH,RALPH AND JOHN	R R 2	ZWINGLE	52079	IA
42-49-0039	SOMMERS, ALLEN D	R R 1	BELLEVUE	52031	IA
42-49-0041	KUNDE, DAVID	R R 2	ZWINGLE	52079	IA
42-50-0001	WING BROTHERS	C/O WALTER WING JR	COLFAX	50054	IA
42-50-0002	LUST, EDWIN & GARRY	% GARRY LUST	MITCHELLVILLE	50169	IA
42-50-0005	HEINSTRA, J L & SON	% RONALD HEINSTRA	PRAIRIE CITY	50228	IA
42-50-0006	VAN HOWELING, CARL & SON	MYRON VAN HOWELING	PRAIRIE CITY	50228	IA
42-50-0021	HAMMERLY, L W AND SON	R R 1	NEWTON	50208	IA
42-50-0022	HATFIELD, FORREST	R R 4	NEWTON	50208	IA
42-50-0046	SCHMIDTS, ALBERT H	R R 1	NEWTON	50208	IA
42-50-0077	VOS, BERNIE AND SON	R R 4	NEWTON	50208	IA
42-50-0094	VANDERHOEK, VERNON		LYNNVILLE	50153	IA
42-50-0098	VAN-KO DAIRY R R 1	DONALD VAN KOOTEN	LYNNVILLE	50153	IA
42-50-0120	ROZENDAAL, ROBERT L	R R 1	LYNNVILLE	50153	IA
42-51-0012	LOVING, LACY	R R 1	STOCKPORT	52651	IA
42-51-0014	EGLI, DON	R R	LOCKRIDGE	52635	IA
42-52-0021	MOSS, ELDON	R R 2	IOWA CITY	52240	IA
42-52-0028	DANE, JOHN	R R 3	IOWA CITY	52241	IA
42-52-0108	SWARTZENDRUBER, VERLIN	R R 1	KALONA	52247	IA
42-53-0005	ENGELBART, MARVIN	R R 3	ANAMOSA	52205	IA
42-53-0064	SLATER, JAY	R R 1	OLIN	52320	IA
42-53-0128	ZUMBACH, LOUIS R JR	FARM #2	COGGON	52218	IA
42-54-0018	WONDERLICH, CHARLES L	R R	OLLIE	52576	IA
42-55-0033	RUGER, JOHN AND PHILIP		FENTON	50539	IA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
42-55-0149	SCHMIDT, JACK	R R	OTTOSEN	50570	IA
42-56-0001	SCHNEIDER, JOE	R R 1 BOX 76	FORT MADISON	52627	IA
42-56-0003	JOHNSON, HUBERT	R R 1	KEOKUK	52632	IA
42-56-0004	FOX, ERNEST	R R 1	KEOKUK	52632	IA
42-56-0019	KREBILL, DWIGHT	R R 2	DONNELLSON	52625	IA
42-56-0026	IOWA STATE PENITENTIARY	% D LERCHE BOX 316	FORT MADISON	52627	IA
42-57-0060	BELL, ROBERT W	R R 2	COGGON	52218	IA
42-57-0076	LIERCKE, RICHARD	R R 2	CENTER POINT	52213	IA
42-57-0109	BECKER, TED		CENTER POINT	52213	IA
42-57-0159	SPERFSLAGE, HAROLD	R R 1	CENTRAL CITY	52214	IA
42-57-0168	RAWSON, KENNETH	LINN VIEW FARM R 1	CENTRAL CITY	52214	IA
42-57-0194	VAN NOTE, MAURICE	R R	PALO	52324	IA
42-58-0003	SYWASSINK, DONALD		LEFTS	52754	IA
42-60-0008	MULTI-ROSE JERSEYS INC		ROCK RAPIDS	51246	IA
42-60-0009	SUMMIT FARM INC		LESTER	51242	IA
42-60-0011	METZGER, FREDERICK		HILLS	56138	MN
42-60-0026	FASTERT, ERNEST		ROCK RAPIDS	51246	IA
42-60-0030	WINKOWITSCH, WILLIAM		GEORGE	51237	IA
42-60-0033	KRULL, KENNETH J		GEORGE	51237	IA
42-60-0090	KRUSE, DALE		LITTLE ROCK	51243	IA
42-63-0046	JENKINS, RAYMOND F	R R 2	KNOXVILLE	50138	IA
42-64-0025	TIGGES, DELMAR	R R 1	MELBOURNE	50162	IA
42-65-0008	GLENWOOD STATE SCHOOL	DAIRY HERDSMAN	GLENWOOD	51534	IA
42-66-0010	GERLACH, EARL AND SONS	FARM 1	ST ANSGAR	50472	IA
42-66-0040	THOME, WILFRED		STACYVILLE	50476	IA
42-66-0045	SULLIVAN, KEITH		OSAGE	50461	IA
42-66-0122	WATTS, GARY L	R R 1	RICEVILLE	50466	IA
42-69-0020	MC ALPIN, TOM, FARM NO 1		VILLISCA	50864	IA
42-70-0049	SCHROEDER, DALE	R R 1	STOCKTON	52769	IA
42-70-0061	PAPER, KENNETH W		STOCKTON	52769	IA
42-71-0004	FLOYDCREST FARMS	WALTER KRUSE R 2	SHELDON	51201	IA
42-71-0036	STAMER, HAROLD LEE		GRANVILLE	51022	IA
42-71-0037	GROSSHAUSER, RICHARD	FREDRICH FARM	PAULLINA	51046	IA
42-71-0078	GRIMBERG, MURL	R R 2	PAULLINA	51046	IA
42-71-0089	ROZEMA, HENRY	R R 2	SANBORN	51248	IA
42-72-0019	LUITJENS, ARNOLD	R R	ASHTON	51232	IA
42-73-0008	MC COY, MALCOM AND SONS	R R 1	VILLISCA	50864	IA
42-75-0007	EYRES, JAMES	R R 1	LE MARS	51031	IA
42-75-0012	HEMMINGSEN, BRUCE	R R 3 BOX 21	AKRON	51001	IA
42-77-0074	I-D-STATE	FREEMAN 239 KILDEE	AMES	50010	IA
42-79-0003	HALL, MAX	R R	BROOKLYN	52211	IA
42-79-0004	WEMER, CLAIRE	R R 2	MONTEZUMA	50171	IA
42-80-0017	PADGITT, JACK		KELLERTON	50133	IA
42-81-0028	MEYER, LEROY	R R 1	SAC CITY	50583	IA
42-81-0031	CLOVERGOLD FARM	R R 1	NEMAHA	50567	IA
42-81-0059	HASS, DALE AND EILEEN L	R R 1	SAC CITY	50583	IA
42-82-0010	LORENZ, HARRY W		LE CLAIRE	52753	IA
42-82-0025	GOETTSCH, HARRY P & SONS		WALCOTT	52773	IA
42-82-0026	PETERSEN, ARNOLD W	R 2	DAVENPORT	52800	IA
42-82-0038	PAPER, ELMER F	R R 2	STOCKTON	52769	IA
42-82-0054	SCHMIDT, ROBERT	R R 1	BETTENDORF	52722	IA
42-82-0067	CLAUSSEN, DONALD-CLARENCE		ELDRIDGE	52748	IA
42-82-0068	BERNICK, EUGENE		WALCOTT	52773	IA
42-82-0071	HOLST, DONALD J AND SON		LE CLAIRE	52753	IA
42-82-0082	GREEN KNOLL FARM	R R 1	LONG GROVE	52748	IA
42-82-0084	WADSWORTH, THOMAS P	AND SON	WALCOTT	52773	IA
42-82-0089	WULF, RICHARD		LONG GROVE	52756	IA
42-82-0093	DOERSCHER, ROBERT J	3130 E 67TH ST	DAVENPORT	52800	IA
42-82-0095	PETERSEN, WILLIAM F	R R 2	DAVENPORT	52804	IA
42-82-0115	BLAKE, CHRIS J	R R 3	DAVENPORT	52800	IA
42-82-0134	WILLIAMS, D & BABCOCK, J	4723 TELEGRAPH RD	DAVENPORT	52802	IA
42-83-0037	MIKKELSON, ROGER-LAVONNE	R R 1	ELK HORN	51531	IA
42-84-0004	RENSINK, LELAND		BOYDEN	51234	IA
42-84-0023	DE BOER, C DWAYNE		HULL	51239	IA
42-84-0026	MOSS, HARLAN	R R	SIOUX CENTER	51250	IA
42-84-0035	VANDER LUGT, RAY		HAWARDEN	51023	IA
42-84-0050	FICK, ALFRED	R R 1	BOYDEN	51234	IA
42-84-0058	DE GROOT, DONALD		HULL	51239	IA
42-84-0065	VERMEER, EDGAR		BOYDEN	51234	IA
42-84-0070	DE JONG, S EARL		HOSPERS	51238	IA
42-84-0081	KOOI, BILL	R R 2	IRETON	51027	IA
42-84-0085	BOOTE, MARILYNN & SONS		HULL	51239	IA
42-84-0086	BOOTE, CLARENCE		HULL	51239	IA
42-84-0105	WINTER, RUBEN		BOYDEN	51234	IA
42-84-0108	VANDERHAAL, WALT	R R	HULL	51239	IA
42-84-0117	ROZEBOOM, ROY	R R 2	BOYDEN	51234	IA
42-84-0217	BREUER, ERVIN		HULL	51239	IA
42-85-0017	BENTLEY, AL & GRAVER, DON	SUNESLOPE FARM R 3	AMES	50010	IA
42-85-0072	MC HONE, F L	R R 3	AMES	50010	IA
42-85-0273	UNIVERSITY DAIRY FARM H	123 KILDEE HALL	AMES	50010	IA
42-85-0274	UNIVERSITY DAIRY FARM J	123 KILDEE HALL	AMES	50010	IA
42-85-0275	UNIVERSITY DAIRY FARM BS	123 KILDEE HALL	AMES	50010	IA
42-86-0011	LYON JERSEYS	C/O G JOE LYON	TOLEDO	52342	IA
42-86-0030	HOPPER, GARLAND		TOLEDO	52342	IA
42-86-0032	GERLACH, DALE	R R 2	TOLEDO	52342	IA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
42-86-0088	KOPRIVA, ALFRED AND SONS	R R 1 BOX 6	CLUTIER	52217	IA
42-86-0089	LYON JERSEYS NO 2	% G JOE LYON	TOLEDO	52342	IA
42-90-0014	KLODT, EDW AND WM	R R 5	OTTUMWA	52501	IA
42-91-0002	WOODRUFF, LEROY	R R 3	INDIANOLA	50125	IA
42-91-0093	HOOVER, DON AND PAT		NORWALK	50211	IA
42-91-0098	FINCH, HAROLD AND LARRY		NORWALK	50211	IA
42-91-0111	CORE, LYLE	R R 2	CARLISLE	50047	IA
42-91-0131	ONSTOT, CHESTER	R R 3	INDIANOLA	50125	IA
42-91-0133	MEAD, PAUL	R R 1	LACONA	50139	IA
42-93-0039	TUTTLE, WENDELL & SONS		CORYDON	50060	IA
42-94-0003	BOTHLAND FARM	HAROLD BOTHE R R 4	FORT DODGE	50501	IA
42-94-0004	MONSON, BERNARD		GOWRIE	50543	IA
42-94-0005	TELLEEN, MARVIN E		GOWRIE	50543	IA
42-94-0009	PETERSON, PERCY AND SON		CALLENDER	50523	IA
42-94-0010	THEISS, WILMER	R R 3	FORT DODGE	50501	IA
42-95-0065	HODGE, GALEN	R R 2	FOREST CITY	50436	IA
42-96-0052	BOE, R H	R R	CALMAR	52132	IA
42-96-0056	SERSLAND,HOWARD AND SONS	R R 1	DECORAH	52101	IA
42-96-0057	STEFFENS, ERBIE		DECORAH	52101	IA
42-96-0063	MATTER, ELMER & RICHARD	R R 2	POSTVILLE	52162	IA
42-96-0068	SACQUITNE, FORREST	R R 2	DECORAH	52101	IA
42-96-0069	LEUENBERGER, CLINTON	R R	FORT ATKINSON	52144	IA
42-96-0077	TORGRIM AND HOEN	% DUANE HOEN RR 1	DECORAH	52101	IA
42-96-0101	TORRESDAL, LESTER	R R 1	OSSIAN	52161	IA
42-96-0133	MEYER, CLOY F		CASTALIA	52133	IA
42-96-0137	JOHNSON, ERNEST C & SON	R R 1	DECORAH	52101	IA
42-96-0151	SIVESIND, GENE	R R 1	DECORAH	52101	IA
42-96-0174	GRINNA, GRANT	R R 3	WAUKON	52172	IA
42-96-0180	ERNLO HOLSTEIN FARM	% RAY WILLIAMS	OSSIAN	52161	IA
42-96-0388	SCHRANDT, JERRY	R R	CASTALIA	52133	IA
42-96-0422	SERSLAND, ROBERT	R R	DECORAH	52101	IA
42-96-0464	NORTHOUSE & SIVESIND	% D NORTHOUSE RR 1	DECORAH	52101	IA
42-98-0009	BACKHAUS, EARL		GRAFTON	50440	IA
42-98-0039	DAHLBY, PHILLIP A		EMMONS	56029	MN
42-98-0054	BORCHERT, STANLEY C		GRAFTON	50440	IA
43-02-0007	SCHNEIDER, CARL W		COSBY	64436	MO
43-04-0004	COWHERD, ERNEST	R R 2	PURDY	65734	MO
43-04-0030	DAVIDSON, CARL	R R	EXETER	65647	MO
43-04-0038	STORCK, HAROLD	1920 JULIAN DRIVE	LEBANON	65536	MO
43-04-0040	PURDOM, LARRY	R R 2	PURDY	65734	MO
43-04-0041	BECKETT FARMS	R R 2	AURORA	65605	MO
43-04-0044	SCHAD, GORDON	R R 2	PURDY	65734	MO
43-04-0046	MASTERS JERSEY FARM	R R 2	AURORA	65605	MO
43-05-0004	KENTNER, DELMER		JASPER	64755	MO
43-05-0005	ROBERTSON DAIRY		LAMAR	64759	MO
43-06-0025	STEELE AND KING		BUTLER	64730	MO
43-06-0042	PIEPMEIER, H J & TERRY	R R 3	APPLETON	64724	MO
43-06-0046	FERREL, PAUL E	R R 5	BUTLER	64730	MO
43-06-0049	SCHENKER, NORVIN	R R 1	ROCKVILLE	64780	MO
43-09-0004	FOREMOST GUERNSEY FARM	U OF MO R R 5	COLUMBIA	65201	MO
43-09-0006	UNIV OF MO HOLSTEIN FARM	R R 5 BOX 46	COLUMBIA	65201	MO
43-11-0015	GATES, KENNETH		BRAYMER	64624	MO
43-12-0006	SKY-GO FARMS INC	R R 2	FULTON	65251	MO
43-12-0007	STATE HOSPITAL NO 1	% JOHN LYNCH RR 1	FULTON	65251	MO
43-12-0017	ECHELMEIER, THEO & SON	R R 2	FULTON	65251	MO
43-14-0002	COLLINS, MRS SAM	3501 HOPPER RD	CAPE GIRARDEAU	63701	MO
43-14-0009	SCHABBING, CLEM	R R 2 BOX 443	CAPE GIRARDEAU	63701	MO
43-14-0032	GROSS, ALBERT M	BOX 31	GORDONVILLE	63752	MO
43-14-0038	SHAWNEE FARMS	R R 1	JACKSON	63755	MO
43-14-0050	ADAMS, LEONARD M	R R 1	GORDONVILLE	63752	MO
43-14-0051	KIRCHDOERFER, JOE	R R 2	CAPE GIRARDEAU	63701	MO
43-14-0052	HENDERSON, J R	R R 2	JACKSON	63755	MO
43-14-0057	THOMAHAWK DAIRY	PO BOX 66	GORDONVILLE	63752	MO
43-14-0059	MIDWAY DAIRY FARMS	R R 2 BOX 556	CAPE GIRARDEAU	63701	MO
43-16-0009	HELMS, ROSS	R R	CREIGHTON	64739	MO
43-16-0030	KOHLER, JOHN H JR	R R 1	PLEASANT HILL	64080	MO
43-16-0034	SCHNOLL, ERNEST E	R R 1 BOX 154	PLEASANT HILL	64080	MO
43-16-0051	MORELAND, CHARLES R	R R 2	HARRISONVILLE	64701	MO
43-19-0018	KING, JOE	R R	CLEVER	65631	MO
43-19-0028	RAUCH, GLEN	R R 1	BILLINGS	65610	MO
43-19-0034	SHORT, NEAL	R R 1	SPARTA	65753	MO
43-19-0035	STAIGER, ALBERT	R R 2	BILLINGS	65610	MO
43-19-0050	KASTENDIECK, CARL E	R R	BILLINGS	65610	MO
43-19-0054	ALBO FARM-ALBERT BOS	R R 1	BILLINGS	65610	MO
43-19-0064	LITTLE, CHARLES R	R R 1	CLEVER	65631	MO
43-19-0069	ESTES, FRANK	R R 1	ROGERSVILLE	65742	MO
43-19-0074	STAIGER, O F		BILLINGS	65610	MO
43-19-0077	WRIGHT, GEORGE M	R R 1	CLEVER	65631	MO
43-19-0090	LOR-ED FARM	EDDIE FUGATE R R 1	OZARK	65721	MO
43-19-0094	ROLLER, WESLEY		SPARTA	65753	MO
43-19-0096	NELSON, JOE & SONS	R R 1	BILLINGS	65610	MO
43-20-0007	KIRCHNER, HOWARD-HAROLD	R R	KAHOKA	63445	MO
43-20-0008	HUNZIKER, HARLAN	R R	KAHOKA	63445	MO
43-22-0001	BACON, LLOYD C	R R 1	CAMERON	64429	MO
43-22-0025	SHAVERSIDE DAIRY FARM	% RONALD SHAVER R1	LATHROP	64465	MO

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
43-22-0026	FARMLAND DEMONSTRATION	FARM-W E POPE	TRIMBLE	64492	MO
43-22-0034	SCHWARZ, KENTON		GOWER	64454	MO
43-23-0003	FRANK, RAPHAEL	R R 3	JEFFERSON CITY	65101	MO
43-23-0018	HOELSCHER, VINCENT F	R R 4	JEFFERSON CITY	65101	MO
43-23-0037	LEPAGE, TOM E	R R 3	RUSSELLVILLE	65074	MO
43-24-0027	LENZ, RICHARD		PRAIRIE HOME	65068	MO
43-31-0027	WATTERSON, RAY	R R 2	MANSFIELD	65704	MO
43-31-0031	VERBURGT, MARTIN	R R 1	OORA	65637	MO
43-33-0013	RAAF, RICHARD	R R 1	GERALD	63037	MO
43-33-0016	COVE VIEW FARM	R R 1	LESLIE	63056	MO
43-33-0020	ALTHAGE, KARL B	R R 2	NEW HAVEN	63068	MO
43-33-0022	PRICHARD FARM, S U	R R 1 BOX 180	ROBERTSVILLE	63072	MO
43-33-0025	HAVENTON FARMS	R R 1	NEW HAVEN	63068	MO
43-33-0027	DRYER, WILFRED	R R 1	ROBERTSVILLE	63072	MO
43-33-0031	SPRICK, MARVIN A		NEW HAVEN	63068	MO
43-33-0034	HIGH RIDGE DAIRY FARMS	BOX 231	VILLA RIDGE	63089	MO
43-33-0041	BUNGE, JOHN L & ROBERT	R R 1	NEW HAVEN	63068	MO
43-33-0042	CARL BROS		BERGER	63014	MO
43-34-0011	PREVIEW FARM	R R 2	HERMANN	65041	MO
43-35-0010	LILYDALE FARM	R R 4	SPRINGFIELD	65802	MO
43-35-0036	KINDRICK BROS	R R 4	SPRINGFIELD	65802	MO
43-35-0065	QUINN, ROBERT C & GEORGE	R R 6 BOX 404	SPRINGFIELD	65803	MO
43-35-0069	THOMSON, ROBERT JR	R R 2	SPRINGFIELD	65802	MO
43-35-0109	COX AND DAVIS	R R 2	REPUBLIC	65738	MO
43-35-0121	BERGLUND, J	R R 2	SPRINGFIELD	65802	MO
43-35-0126	SLOAN, PAUL E & PAUL R		WILLARD	65781	MO
43-35-0159	BLADES, CLAUDE & SONS	R R 1	REPUBLIC	65738	MO
43-35-0160	HANCOCK, GLEN		BOIS D'ARC	65612	MO
43-35-0164	ROSE BROTHERS	R R 1 BOX 61	WILLARD	65781	MO
43-35-0174	FARMER, DONALD AND SONS	R R 2	FAIR GROVE	65648	MO
43-35-0181	WALLIS, JOHNNY E R R 10	1443 VALY WTRML RD	SPRINGFIELD	65803	MO
43-36-0008	PARKER, CARL F	R R 2	TRENTON	64683	MO
43-40-0003	CRIDER, WARREN & BEVERLY	R R 2	OREGON	64473	MO
43-43-0005	CURTIS, STANLEY E	R R 5 BOX 132	LEES SUMMIT	64063	MO
43-44-0004	HARRIS, LEE	R R 3	CARTHAGE	64836	MO
43-44-0077	KUNKEL, J B	R R 3	CARTHAGE	64836	MO
43-46-0029	COCHRAN, HARLAN E	R R 4	HOLDEN	64040	MO
43-46-0044	STOWELL, LELAND J	R R 1	HOLDEN	64040	MO
43-46-0058	CONNELL JERSEYS	R R 2	KINGSVILLE	64061	MO
43-48-0061	MASSEY, RALPH F	OAKLAND SR BOX 54	LEBANON	65536	MO
43-48-0078	HOFFMAN, W C	R R 5	LEBANON	65536	MO
43-48-0090	MASSEY, FLOYD & RALPH	OAKLAND SR BOX 54	LEBANON	65536	MO
43-49-0035	WILLIAMS, ORVILLE & SON	NORMAN WILLIAMS R2	ODESSA	64076	MO
43-49-0039	VERDUGHT, ELVYN E	R R H 2 BOX 78B	LEXINGTON	64067	MO
43-49-0040	SILVERTHORN FARMS, INC	R R 1	WELLINGTON	64097	MO
43-49-0051	WILLIAMS, NORMAN & BETTY	AND SON	ODESSA	64076	MO
43-50-0002	DAVIS, WM K	R R 1	VERONA	65769	MO
43-50-0052	MOENNIG, JAMES		PIERCE CITY	65723	MO
43-50-0057	SPENCER, DALE	R R 1	STOTTS CITY	65756	MO
43-50-0065	KRUEGER, RENO G	R R 2	VERONA	65769	MO
43-50-0081	STINE, JERRY	R R 1	AURORA	65605	MO
43-50-0156	BERRY, JOHN A.	R R 1	MILLER	65707	MO
43-51-0026	CARY, ROBERT	R R	CANTON	63435	MO
43-51-0030	HINKLE, BILL	R R	LEWISTOWN	63452	MO
43-52-0006	CHAMP GOODWOOD FARMS	R R 1	ELSBERRY	63343	MO
43-58-0025	SECKER, G B	PALMYRA ROAD	HANNIBAL	63401	MO
43-58-0044	KADEN, WM	R R 2	PALMYRA	63461	MO
43-58-0046	FRANKENBACH, MARVIN	R R	HANNIBAL	63401	MO
43-58-0049	FRANKENBACH, CARL-ROBERT	R R 2	HANNIBAL	63401	MO
43-64-0026	MARRIOTT, DELMON	R R 2	STOVER	65078	MO
43-65-0017	GILMAN, C A	R R	SENECA	64865	MO
43-65-0042	GOODMAN, LEONARD J	R R 1	STARK CITY	64866	MO
43-65-0054	SPRINGER, ROY AND RON		DIAMOND	64840	MO
43-66-0002	CONCEPTION ABBEY		CONCEPTION	64433	MO
43-66-0023	NW MO STATE COLLEGE	AGRI DEPT	MARYVILLE	64468	MO
43-66-0025	NW MO STATE COLLEGE	AGRI DEPT	MARYVILLE	64468	MO
43-68-0002	FICK, JOHN & WILLIAM	R R 1	FREEBURG	65035	MO
43-68-0010	SCHWINKE, E AND R	R R 1	MORRISON	65064	MO
43-70-0009	VOELKER, CHALMER	R R 1 BOX 2222	PERRYVILLE	63775	MO
43-70-0018	FRITSCHE, PALMER	R R 4	PERRYVILLE	63775	MO
43-70-0022	MACHTERS DAIRY FARM	STAR ROUTE	ALTENBURG	63732	MO
43-71-0007	LONGAN, ROBERT N AND E P	R R 3	SEDALIA	65301	MO
43-72-0013	PIETSCH, GERALD	HOBSON-STAR ROUTE	ROLLA	65401	MO
43-75-0003	BRESHEARS, GLEN		HALFWAY	65663	MO
43-75-0075	SECHLER, RAYMOND G		PLEASANT HOPE	65725	MO
43-75-0102	BOYD BROS	R R 4	BOLIVAR	65613	MO
43-75-0123	HUBBERT, JOSEPH	R R 1	BOLIVAR	65613	MO
43-75-0156	GALLIVAN FARMS	R R 2	HALF WAY	65663	MO
43-75-0162	BARBER, BENNY AND DIXIE		POLK	65727	MO
43-75-0165	FAIRVIEW CREST FARM	R R 1	BOLIVAR	65613	MO
43-77-0013	WILLIAMS, N E	R R 1	HANNIBAL	63401	MO
43-83-0011	SUNNYMEDE FARM		BISHARCK	63624	MO
43-89-0002	BUCKMAN BROS	VAN BUCKMAN R R 1	SHELBINA	63468	MO
43-92-0002	SCHOOL OF THE OZARKS		POINT LOOKOUT	65726	MO
43-95-0002	HACKMANN, WILBERT A		MARTHASVILLE	63357	MO

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
43-97-0038	DAYPECK JERSEY FARM	R R 2	NIANGUA	65713	MO
43-97-0049	CLEMENS, JOE AND DAN	R R 3	MARSHFIELD	65706	MO
43-97-0064	ATKINSON, RAYMOND & SONS	R R 1	FORDLAND	65652	MO
43-97-0069	WHITEHEAD, L R AND WAYNE		CONWAY	65632	MO
43-97-0220	LORENZ, ARTHUR	R R 3	SEYMOUR	65746	MO
43-97-0235	EWING, PHIL	R R 1	FORDLAND	65652	MO
43-98-0042	GETZ, LAWRENCE AND DORIS	STAR ROUTE	GROVE SPRING	65662	MO
43-98-0069	CLOUSE, BILLY	R R #2	MANSFIELD	65704	MO
43-98-3071	WATTERSON, JOHNNY	R R 2	MANSFIELD	65704	MO
45-02-0004	OTTERNESS, DURWARD		TOWER CITY	58071	ND
45-02-0036	MILLER, WILLIAM J	R R 2	VALLEY CITY	58072	ND
45-02-0050	CHARNETZKI, DON	R R 2	VALLEY CITY	58072	ND
45-03-0026	ARNOLD, LOUIS	R R	*ESHOND*	*58332*	*ND*
45-09-0038	BEILKE, BURNELL		BUFFALO	58011	ND
45-09-0042	N DAK ST UNIV AN SCI DEP	STATE UNIV STATION	FARGO	58100	ND
45-09-0044	N DAK ST UNIV AN SCI DEP	STATE UNIV STATION	FARGO	58100	ND
45-10-0003	RENFROW, HOWARD		CALVIN	58323	ND
45-16-0007	HOFFMAN, RAY		*GRACE CITY*	*58445*	*ND*
45-20-0005	EVERS BROS		BINFORD	58416	ND
45-20-0015	RORVIG, SHERMAN		BINFORD	58416	ND
45-20-0016	HANSON, K C		HANNAFORD	58448	ND
45-23-0005	POTTS, JIM		*LA MOURE*	*58458*	*ND*
45-29-0001	BOESHANS, WAYNE	R R 2	BEULAH	58523	ND
45-30-0013	KLUSMANN, MARVIN		NEW SALEM	58563	ND
45-36-0027	CALDERWOOD, DONALD		CRARY	58327	ND
45-37-0022	ANDERSON, BERNIE		HILNOR	58060	ND
45-45-0022	LUHMAN, ARNOLD	*BOX 813*	DICKINSON	58601	ND
45-47-0001	STATE HOSPITAL	% FARM MANAGER	JAMESTOWN	58401	ND
45-47-0031	BAUMGARTNER, DON		COURTENAY	58426	ND
45-51-0002	KAUFFMAN DAIRY	R R 4	MINOT	58701	ND
45-51-0051	GLICK, JOHN R	R R 4	MINOT	58701	ND
45-52-0018	BRUER, CHARLES	*R R 2*	BOWDON	58418	ND
46-01-0043	LIAS BROS		HUMBOLDT	57035	SD
46-01-0061	RAVE, CLARENCE	R R 1	TRENT	57065	SD
46-01-0064	VIS, PETER J & SONS		VALLEY SPRINGS	57068	SD
46-01-0073	HARVEY, DUANE E		BALTIC	57003	SD
46-05-0038	FOX, ALOIS AND SONS		WATERTOWN	57201	SD
46-06-0003	BALO, KENNETH A		WHITE	57276	SD
46-06-0010	SOUTH DAKOTA STATE UNIV	DR JAMES H MARTIN	BROOKINGS	*57006*	*SD*
46-07-0114	FISCHBACH, LARRY		WARNER	57479	SD
46-10-0001	MAYCLIN, JIM		PLANKINTON	57368	SD
46-15-0005	YPPARILA, WILBERT		NEWELL	57760	SD
46-17-0001	SLAMA, FRANK M	R R 2	WAGNER	57380	SD
46-17-0003	COLE, MYRON		PLATTE	57369	SD
46-19-0001	HALL, RAYMOND		BURBANK	57010	SD
46-23-0028	BREZEE, HOWARD V		CLEAR LAKE	57226	SD
46-23-0029	BERWALD, ARLEN	R R	TORONTO	*57268*	*SD*
46-26-0003	DOCKTER, GENE & PERRY		TWIN BROOKS	57269	SD
46-26-0006	HOOTH, FORGUS	218 E 10TH AVE	MILBANK	57252	SD
46-26-0009	SUN-KOTA HOLS FARM INC	R R 1	*MILBANK*	57252	SD
46-26-0018	WENDLAND, HERBERT	R R 2 BOX 110	MILBANK	57252	SD
46-26-0037	DAILIE, FLOYD		MILBANK	*57252*	*SD*
46-26-0039	CHRISTENSEN, CLIFFORD		BIG STONE CITY	57216	SD
46-26-0042	DAVIS, DON AND JIM	P O BOX 325	MILBANK	57252	SD
46-26-0051	SCHWEER, ERVIN	R R 1	*MILBANK*	57252	SD
46-26-0084	VAN VEEN, DONALD	R R 1	MILBANK	57252	SD
46-26-0085	JOHNSTON, HAROLD		SUMMIT	57266	SD
46-29-0002	FEIND, WALTER		HAZEL	57242	SD
46-29-0103	MISCHKE, DONALD		HAZEL	57242	SD
46-30-0100	RUST, PAUL C		HERRICK	57538	SD
46-37-0002	BONNIE ELMS FARM		DIMOCK	57331	SD
46-37-0003	MAAS, WILLARD R	R R 1	*PARKSTON*	57366	SD
46-52-0043	PONTO, F W	R R 1	BROOKINGS	57006	SD
46-55-0008	FENHAUS, ROGER	R R	WILMOT	57279	SD
46-57-0015	REDFIELD ST HOSP & SCH	LOCK DRAWER 410	*REDFIELD*	57469	SD
46-57-0103	FISCHBACH, ARTHUR		MELLETTE	57461	SD
46-60-0001	*COTTON, R L*	C/O ARNOLD COTTON	PARKER	57053	SD
46-60-0007	GRABER, LEROY		MARION	57043	SD
46-60-0011	LARSEN, ANDREAS	R R 2	HURLEY	57036	SD
46-60-0028	GRABER, EUGENE	R R 1	FREEMAN	57029	SD
46-60-0036	LANGREHR, HENRY		PARKER	57053	SD
46-60-0046	LANGREHR, H J		PARKER	57053	SD
46-60-0049	TSCHETTER, EDMUND		ALEXANDRIA	57311	SD
46-61-0002	D & M HOLSTEIN FARM		HAMIL	57534	SD
46-61-0112	DEFFENBAUGH, DENNY W		HERRICK	57538	*SD*
47-01-0001	GRIESS, RUDOLF		AURORA	68818	NE
47-01-0020	EFFENBECK,WILLIAM & SONS	R R 3	DESHLER	68340	NE
47-01-0022	WOOLSEY, GEORGE-MARY ANN	R R 1	INLAND	*68954*	*NE*
47-02-0007	FRY, WAYNE	GEO-ANN DAIRY FARM	*EWING*	68735	NE
47-02-0010	KRUGER, MR & MRS W H JR	R R 1	CLEARWATER	68726	NE
47-02-0018	VANDERSNICK, LEWIS		EWING	68735	NE
47-02-0020	*MC LAIN, PAT*	R R	EWING	68735	NE
47-13-0008	POLLARD, MALCOLM		NEHAWKA	68413	NE
47-13-0022	*BOND, OTIS C*		AVOCA	68307	NE
47-20-0003	EHRISMAN, WILLIAM		BEEMER	68716	NE

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
47-20-0009	JOHNSON, STANLEY C		OAKLAND	68045	NE
47-20-0054	STONE, BILL	R R 1	SOUTH SIOUX CITY	68776	NE
47-20-0065	CHAPMAN GUERNSEY FARM		NORTH BEND	68649	NE
47-20-0076	SMITH, CLINTON & LESLIE		WEST POINT	68788	NE
47-21-0004	KISSELL, DUANE D	LEVEL ACRES R R 1	SARGENT	68874	NE
47-21-0036	HUSKER DAIRY FARM	% IRVIN BECK RR 2	LITCHFIELD	68852	NE
47-27-0010	NELSON, LEROY E	R R	MEAD	68041	NE
47-27-0032	BEHRENS, GAYLE E	R R	MEAD	68041	NE
47-27-0033	DREHS, WAYNE D		YUTAN	68073	NE
47-27-0038	SWANSON, LELAND C	R R 1	YUTAN	68073	NE
47-28-0002	FATHER FLANAGANS	BOYS HOME	BOYSTOWN	68010	NE
47-28-0008	FLYNN, R P AND SONS	W EUGENE FLYNN R 1	BLAIR	68008	NE
47-28-0018	MARTIN, TED L R		ARLINGTON	68002	NE
47-28-0023	PFEIFFER, ROBERT		ARLINGTON	68002	NE
47-28-0036	KEEFER, HERBERT P		PAPILLION	68046	NE
47-28-0058	PETERSEN DAIRY FARM		HERMAN	68029	NE
47-28-0075	EIPPERLE, FRED AND JAN		BENNINGTON	68007	NE
47-28-0089	ROBERTS DAIRY COMPANY	BOX 97	ELKHORN	68022	NE
47-34-0007	GOIN, FRANCIS P	R R 1	WYMORE	68466	NE
47-34-0010	HAHN, WILLIAM J	R R 4	BEATRICE	68310	NE
47-34-0013	HUNEKE, VERNON	R R 2	WILBER	68465	NE
47-34-0014	KIMMERLING, MAX	R R 3	BEATRICE	68310	NE
47-34-0018	RHODES, JOHN S	BOX 177	BEATRICE	68310	NE
47-34-0032	VITOSH, HAROLD & MICHAEL		BLUE SPRINGS	68318	NE
47-34-0046	HAYS, RICHARD A		ODELL	68415	NE
47-34-0058	PENN-RIE FARM	R R 2	BEATRICE	68310	NE
47-47-0001	WAIT, PAUL	R R	FULLERTON	68638	NE
47-48-0003	OEFRAIN, HOWARD W	R R 1	FAIRBURY	68352	NE
47-48-0005	FLOWER, HERSCHEL		FAIRBURY	68352	NE
47-48-0012	MASCHMAN, LEONARD	R R 1	DAYKIN	68338	NE
47-48-0022	HIRSCHLER, DANIEL A	R R 2	BEATRICE	68310	NE
47-48-0030	FAIRLEY, LEA	R R 1	FAIRBURY	68352	NE
47-48-0031	BAUER BROTHERS	R R 1	GLADSTONE	68363	NE
47-48-0033	TRAEGER DAIRY INC	R R 4	FAIRBURY	68352	NE
47-48-0034	SCHUTZ, ROBERT E		GILEAD	68362	NE
47-48-0043	BAUMFALK, KENNETH		HARBINE-JANSEN	68377	NE
47-48-0049	BARTELS, BERNARD E	R R 1	TOBIAS	68453	NE
47-48-0052	ENGELMAN, DALE R	R R 1	JANSEN	68377	NE
47-49-0018	HARMAN, EDWARD H	R R 1	COOK	68329	NE
47-54-0024	HORTMANN, RICHARD	R R 1 BOX 119	CROFTON	68730	NE
47-55-0003	U OF NEB DAIRY DEP BX 83	DALE BROWN	MEADE	68041	NE
47-55-0005	U OF NEB DAIRY DEP BX 83	DALE BROWN	MEADE	68041	NE
47-55-0081	HARVO JERSEYS	R R 1	LINCOLN	68500	NE
47-55-0088	BREMER,MR AND MRS ARNOLD	R R 1	PALMYRA	68418	NE
47-55-0112	NEBRASKA PENAL COMPLEX	BOX 111	LINCOLN	68500	NE
47-55-0117	KEMPKES, RICHARD		WALTON	68461	NE
47-56-0088	NEWTON, RICHARD	BOX265	HOLYOKE	80734	CO
47-60-0026	SELLIN, ERNEST AND DUANE	R R 3	NORFOLK	68701	NE
47-60-0062	PARTRIDGE, MAURICE K	R R 2	STANTON	68779	NE
47-61-0011	MEIER, RUDEN	R R 3 BOX 93	GRAND ISLAND	68801	NE
47-61-0050	DEEPWELL FARMS INC		PHILLIPS	68865	NE
47-61-0052	CONDON, MARION	R R 2	AURORA	68818	NE
47-69-0005	GUSTAFSON, RICHARD		FUNK	68940	NE
47-70-0019	MYERS, WILBUR H	R R 1	PLAINVIEW	68769	NE
47-70-0034	SUKUP, ALBERT	R R 2	WAUSA	68786	NE
47-70-0071	NOSEL, DONALD		CLEARWATER	68726	NE
47-70-0076	BUCKENDAHL, DUANE L	R R 3	PIERCE	68767	NE
47-70-0108	DEXTER, DARREL A		AMELIA	68711	NE
47-71-0010	EL-CREST FARMS		CRESTON	68631	NE
47-71-0020	HELLBUSCH, NORMAN	R R 2	HUMPHREY	68642	NE
47-71-0024	ELK CREEK FARMS	R R 1 BOX 118	COLUMBUS	68601	NE
47-71-0061	SHELL VALLEY DAIRY FARM		PLATTE CENTER	68653	NE
47-71-0070	FUHR, R OR L	R R 2	CLARKSON	68629	NE
47-74-0007	KOTTICH, WALTER JR	R R 1	FALLS CITY	68355	NE
47-74-0044	WHITE, TOM JR	R R 2	FALLS CITY	68355	NE
47-79-0030	PIERSON, WALTER E	R R 2	MORRILL	69358	NE
47-80-0007	IMIG FARMS		SEWARD	68434	NE
47-80-0012	PHILLIPS BROTHERS	R R 2	BEAVER CROSSING	68313	NE
47-80-0037	OLSON, DON	R R 1	MILFORD	68405	NE
47-80-0044	STEENBOCK, RAYMOND	R R 2	SEWARD	68434	NE
47-88-0010	SPERLING, RODNEY	R R 1	SCOTIA	68875	NE
47-93-0036	EPP BROS	BOX 125	HENDERSON	68371	NE
48-02-0001	BEEZLEY, WM M		GIRARD	66743	KS
48-02-0022	FICKEL, LEO AND ROGER	R R 4	CHANUTE	66720	KS
48-02-0067	ASHCRAFT, DWAINE		ERIE	66733	KS
48-03-0008	HUNTER, PAUL W	R R 2	PARSONS	67357	KS
48-03-0022	RICHARDSON, DALE	R R 2	OSWEGO	67356	KS
48-03-0024	GILLILAND, F S	R R 2	CHERRYVALE	67335	KS
48-03-0087	RAVEN, BILL	R R 2	EDNA	67342	KS
48-03-0106	ALLOWAY, FRANK	ALLOWAYVIEW FARM	R R 2 EDNA	67342	KS
48-03-0118	GROVE HILL FARMS	R R 3	ERIE	66733	KS
48-04-0005	TITHUS, FRANK	R R 1	GIRARD	66743	KS
48-04-0021	YANCEY BROTHERS	R R 1	ARCADIA	66711	KS
48-05-0003	EWING, HAROLD L	R R 1	INDEPENDENCE	67301	KS
48-05-0075	JENSEN, LOREN	R R 1 BOX 209	NEODESHA	66757	KS

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
48-03-0076	CLUBINE, FRANK	R R	HAVANA	67543	KS
48-07-0019	WILMETH, RAY D JR	R R 1	GRENOLA	67346	KS
48-08-0003	STRICKLER, IVAN		IOLA	66749	KS
48-08-0038	CONGER, CARL C	R R 2	IOLA	66749	KS
48-10-0016	SERGEANT, CHARLES O		LEBO	66856	KS
48-13-0020	KNOP BROS		BUCYRUS	66013	KS
48-13-0051	PRETZ, GEORGE	R R 1	OSAWATOMIE	66064	KS
48-13-0065	POWELL DAIRY FARM		BUCYRUS	66013	KS
48-14-0010	MARTIN, G E & SONS		OVERBROOK	66524	KS
48-14-0011	RANSOM, W G JR AND EST	% W G RANSOM	WILLIAMSBURG	66095	KS
48-14-0016	ALFORD,DONALD AND ESTHER	R R 2	LAWRENCE	66044	KS
48-14-0018	ECKMAN, ALBERT W	R R 3	BALDWIN	66006	KS
48-14-0020	WEMPE, F R	R R 1	LAWRENCE	66044	KS
48-14-0030	GAGE, JOHN B AND SONS	RAYMOND CARRICK R1	EUDORA	66025	KS
48-14-0045	THORN,MRS YVONNE & ROGER		WELLSVILLE	66092	KS
48-14-0051	BIGSBY, ROBERT R	R R 2	LAWRENCE	66044	KS
48-14-0066	WEMPE, W W AND SONS	R R 2	LAWRENCE	66044	KS
48-14-0107	VAN HORN, DALE	R R 2	OTTAWA	66067	KS
48-14-0133	PECKHAM, HARRY	R R	RANTOUL	66079	KS
48-16-0036	GABBERT, JAMES W		PRESCOTT	66767	KS
48-19-0016	WEIR, JOHN JR	R R 2	GEUDA SPRINGS	67051	KS
48-19-0021	MARRS, ROBERT	R R 3	ARKANSAS CITY	67005	KS
48-19-0045	WHITEHILL, HARVEY	R R	LATHAM	67072	KS
48-19-0062	WHITE, FRANK E	R R 2	CEDAR VALE	67024	KS
48-20-0050	LEWIS, DARYL D	R R 2	PIEDMONT	67122	KS
48-20-0060	RUSSELL, WILLIAM F	R R 2	EUREKA	67045	KS
48-20-0063	ANDRES, RONALD J	R R 3	NEWTON	67114	KS
48-21-0001	GOERING, DAVE C		MOUNDRIDGE	67107	KS
48-21-0006	KAUFMAN, GILBERT P	R R 2	MOUNDRIDGE	67107	KS
48-21-0027	GOERING, HERMAN B	R R 3	MCPHERSON	67460	KS
48-21-0051	WIEBE, VIRGIL		CONWAY	67434	KS
48-21-0091	NEHER, DOYLE	R R 2	HUTCHINSON	67501	KS
48-21-0098	LACKEY, MR & MRS E E	R R 2	INMAN	67546	KS
48-22-0011	CEE JAY FARM DAIRY	% DON PAULEY R R 1	NEWTON	67114	KS
48-22-0022	MUELLER, WALDO		HALSTEAD	67056	KS
48-22-0037	SIEMENS, ROBERT H	R R 2	HALSTEAD	67056	KS
48-22-0038	LEHMAN, WALTER E	R R 1	NEWTON	67114	KS
48-22-0064	JOST, TITUS F	R R 5	NEWTON	67114	KS
48-23-0001	CONNER,LESTER AND DELMAR	R R 1 BOX 119	LYONS	67554	KS
48-23-0023	HEADLEY, RANCE K		ELLSWORTH	67439	KS
48-23-0042	COLLE, EUGENE		STERLING	67579	KS
48-23-0046	REED, EDWARD A	R R 2	LYONS	67554	KS
48-23-0050	HARRISON, ROBERT W	R R 2	STERLING	67579	KS
48-24-0001	JONES, C K		COTTONWOOD FALLS	66845	KS
48-26-0004	MARTIN, DON	R R 2 BOX 38	LARNED	67550	KS
48-26-0010	BOWMAN, HERB	R R 2 BOX 89	LARNED	67550	KS
48-26-0033	BURKHART, ELRED AND SONS	R R 2	KINSLEY	67547	KS
48-26-0046	BEER, GUY R	R R 3	LARNED	67550	KS
48-34-0010	KELTNER, HOWARD		MEADE	67864	KS
48-34-0023	DIEHL, FRED		DODGE CITY	67801	KS
48-34-0026	EXPERIMENT STATION	BOX 245	GARDEN CITY	67846	KS
48-34-0045	MILLER, DONALD E	ALF MEAD SWISS FM	DODGE CITY R R 1	67801	KS
48-34-0062	KEILERS, JAMES W	R R 1	GARDEN CITY	67846	KS
48-34-0063	REIMER, ARNOLD E		MEADE	67864	KS
48-44-0016	SCHRAG, GALEN	R R 1	PRETTY PRAIRIE	67570	KS
48-44-0071	MC NEW, WALLACE	R R 2	HUTCHINSON	67501	KS
48-44-0133	MILLER, MAHLON	R R 1	HUTCHINSON	67501	KS
48-44-0141	HUXMAN, DALE	R R 2	PRETTY PRAIRIE	67570	KS
48-44-0148	BEACHY, HARLEY	R R 1	HUTCHINSON	67501	KS
48-44-0149	LUBBERS FARM	R R 1	KINGMAN	67068	KS
48-44-0163	LEWIS, C C & SONS	R R 4	PRATT	67124	KS
48-44-0164	ROSENHAGEN, RICHARD		CHENEY	67025	KS
48-44-0170	VALLEY VIEW FARM	MELVIN SIEMENS R 2	KINGMAN	67068	KS
48-44-0171	ELMARDA GUERNSEY FARM	% ART GEORING R 1	MURDOCK	67111	KS
48-45-0029	HEERSCHE BROS	R R 1	MULVANE	67110	KS
48-45-0030	HAND, WALTER AND SONS		MULVANE	67110	KS
48-45-0065	GIRRENS, LAWRENCE	R R 1	GODDARD	67052	KS
48-45-0081	SEILER, PAUL	R R 1	VALLEY CENTER	67147	KS
48-46-0010	SHETLAR, LUTHER	R R 2	CONWAY SPRINGS	67031	KS
48-50-0030	PLEASANT VALLEY	HOLSTEIN FARM INC	HARPER	67058	KS
48-68-0022	WALTERS, DELBERT & SONS	CATHERINE ROUTE	HAYS	67601	KS
48-71-0015	MOBERLY, HAUD & ALICE	R R 2	AMES	66931	KS
48-71-0057	SHELLEY, CLIVE R	R R 2	JAMESTOWN	66948	KS
48-71-0059	ROBISON, EDWARD E	R R 1	SCANDIA	66966	KS
48-71-0066	PACHTA, VINCENT P	R R 1	BELLEVILLE	66935	KS
48-72-0017	FRERKING, MERLIN		HERKIMER	66433	KS
48-72-0043	HARRIES, WILLIAM		BREHEN	66412	KS
48-75-0009	DINKEL, DEVANE AND LINDA	R R 2 BOX 29	LEBANON	66952	KS
48-77-0034	PRUITT, LLOYD & JOHN	R R	BARNARD	67418	KS
48-79-0007	MCDOWELL, IRVIN & SONS	R R 3	SALINA	67401	KS
48-79-0014	SCHNEIDER BROS	R R 1	SALINA	67401	KS
48-79-0017	FORSBERG BROS	% KURT FORSBERG RR	ASSARIA	67416	KS
48-79-0026	MORRISON BROS	R R 2	SALINA	67401	KS
48-79-0038	MAYER, LAWRENCE	R R	GYPSUM	67448	KS
48-79-0054	KARBER, GERALD J	R R 1	GYPSUM	67448	KS

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
48-80-0030	STEENBOCK, HARVIN		MANCHESTER	67463	KS
48-81-0006	SEXTON, BILL	R R 1	ABILENE	67410	KS
48-81-0035	SEXTON, JACK	R R 1	ABILENE	67410	KS
48-81-0040	KUBIN, GALEN	R R 1	ABILENE	67410	KS
48-81-0059	FREY-FREY DAIRY	% FRANK FREY RR 4	ABILENE	67410	KS
48-81-0061	SMITH, DELBERT	R R 2	ENTERPRISE	67441	KS
48-81-0064	SCANLAN, HAROLD	R R 1	ABILENE	67410	KS
48-81-0073	ROBSON, DEAN	R R 3	ABILENE	67410	KS
48-82-0012	REMPEL, LLOYD & SONS	R R 1 BOX 7	HILLSBORO	67063	KS
48-82-0016	ROCKHOME HOLSTEINS	R R 3 BOX 45	HILLSBORO	67063	KS
48-82-0026	ENNS, LAUREN W	R R 3 BOX 39	HILLSBORO	67063	KS
48-82-0036	ENNS, HOMER	R R 3 BOX 27	HILLSBORO	67063	KS
48-82-0053	SCHMIDT, ALFRED M	R R 1 BOX 30	WALTON	67151	KS
48-83-0042	BAUCK, GLEN	R R 2	LYNDON	66451	KS
48-84-0029	MYERS, FRANKLIN	R R 1	AMERICUS	66835	KS
48-86-0026	OLSON, HERBERT	R R 1	ALTA VISTA	66834	KS
48-86-0027	SCHURLE, DAVID	R R 1	MANHATTAN	66502	KS
48-86-0028	RAMSOUR, HARRIS	R R 1	ALTA VISTA	66834	KS
48-86-0045	REICHERT, RALPH AND BETTY	R R 1	RILEY	66531	KS
48-86-0048	ALTHEGG, FRED & NOREEN	RR 4	JUNCTION CITY	66441	KS
48-88-0001	SMITH, GEORGE H	BOX 221	HIGHLAND	66035	KS
48-88-0031	TORKELSON, CLARENCE	R R 5	HIAWATHA	66434	KS
48-88-0054	BOWEN, SAMUEL D	R R 4	HIAWATHA	66434	KS
48-88-0075	KNUDSON, KENNETH	R R 5	HIAWATHA	66434	KS
48-88-0095	SUNSHINE FARM	R R 1	MORRILL	66515	KS
48-88-0099	KOENIG, JUBIAL	R R 1	HIAWATHA	66434	KS
48-89-0008	ROTTINGHAUS HOLSTEIN FRM	R R	SENECA	66538	KS
48-89-0009	BURGER, HARRY C M		SENECA	66538	KS
48-89-0013	KESLER, HAROLD R	R R	SABETHA	66534	KS
48-89-0014	MONTGOMERY, E J	R R 4	SABETHA	66534	KS
48-89-0015	ROEDER, MATTHIAS		SENECA	66538	KS
48-89-0032	BUESSING, W J	R R	BAILEYVILLE	66404	KS
48-89-0091	HEIMAN, CAROL LEO		BAILEYVILLE	66404	KS
48-90-0004	MAGUIN, TOM		HANEGO	66547	KS
48-90-0021	SEELE, LEROY		ST MARYS	66536	KS
48-91-0004	KLASSEN BROS	R R 3 BOX 42	HILLSBORO	67063	KS
48-91-0031	FUNK, LLOYD A	R R 2 BOX 150	HILLSBORO	67063	KS
48-91-0037	BOESE, ALVIN		LEHIGH	67073	KS
48-91-0054	FLAMING, VERNON L	R R 3 BOX 127	HILLSBORO	67063	KS
48-91-0068	PANKRATZ, ELDON R	R R 3 BOX 136	HILLSBORO	67063	KS
48-91-0081	ANDRES, ELDON	R R 1	PEABODY	66866	KS
48-92-0050	MILES, FRANK E	BOX 112	ONEIDA	66522	KS
48-92-0064	SCHRICK, LARRY	R R 3	ATCHISON	66002	KS
48-92-0069	LEACH, ROBIN DEE		LINWOOD	66052	KS
48-92-0081	BROSE, MELVIN L	R R 2	VALLEY FALLS	66088	KS
48-93-0036	COE, BERNARD	R R	SOLDIER	66540	KS
48-95-0010	PALMER, GLENN A	R R 1	TOPEKA	66600	KS
48-95-0015	MORAN, FLOYD	ROUTE 9	TOPEKA	66600	KS
48-95-0043	KOCH, JOSEPH	R R 9	TOPEKA	66600	KS
48-95-0062	CLARK, DELBERT R		BERRYTON	66409	KS
48-96-0011	ANDYACRES HOLSTEIN FARM	R R 2	WHITE CITY	66872	KS
48-97-0016	PENITENTIARY DAIRY		LANSING	66043	KS
48-97-0030	BODENHAUSEN, DALE		MUSCOTAH	66058	KS
48-97-0070	BARNETT, KENNETH & DANNY		EFFINGHAM	66023	KS
48-98-0008	FARMLAND RESEARCH FARM	3705 N 139 ST	KANSAS CITY	66109	KS
48-99-0027	MORRISON DAIRY	R R 2	SPRINGHILL	66083	KS
50-10-0001	NELSON, RONALD	R D 3	NEWARK	19711	DE
50-10-0007	UNIVERSITY OF DELAWARE	ATT G F W HAENLEIN	NEWARK	19711	DE
50-10-0008	UNIVERSITY OF DELAWARE	ATT G F W HAENLEIN	NEWARK	19711	DE
50-10-0013	PASSMORE, WILLS	R D 1 BOX 64	TOWNSEND	19734	DE
50-10-0014	PHIPPS, W. L. AND SON	RD1 101 OWLS NEST	WILMINGTON	19800	DE
50-10-0074	SHEATS, EARL L.	ROUTE 1	MIDDLETOWN	19709	DE
50-10-0082	COLLINS, GILBERT L.	R D 2	MIDDLETOWN	19709	DE
50-10-0084	SHEATS, LLOYD & DAVID	RD2 BX280 MIDDESSA	MIDDLETOWN	19709	DE
50-10-0085	CLEAVER, O. LESTER	MAPLE GROVE FARM	MIDDLETOWN	19709	DE
50-10-0087	KUX, WILLIAM	AUGUSTINE CREEK PA	PORT PENN	19731	DE
50-10-0095	KOELIG, J. OLIVER	R D 2	NEWARK	19711	DE
50-20-0005	HOLLYHILL FARM INC.	BOX 135 R D #1	FELTON	19943	DE
50-20-0021	HAAS, WOODROW	RD	WYOMING	19934	DE
50-20-0023	DIXON, SAM	R D 1	CLAYTON	19938	DE
50-20-0034	KOZICKI, HENRY	RD	CLAYTON	19938	DE
50-20-0073	CAIN, DELBERT	R D 2	HARRINGTON	19952	DE
50-20-0134	DAVIS, C. ALLEN	R D 1	CLAYTON	19938	DE
50-20-0138	MOORE BROTHERS	BOX 53 R D 1	SMYRNA	19977	DE
50-20-0139	PIERSON, PHILIP	R D 1 BOX 102	CLAYTON	19938	DE
50-20-0143	PROUD, DONALD	RD1 BOX 124	SUDLERSVILLE	21668	MD
50-30-0009	BAILEY, J. E. & SONS INC	..	FEDERALSBURG	21632	MD
50-30-0016	WEBB, L. ROBBINS	BOX 92	LINCOLN	19960	DE
50-30-0032	WILKINS, HOWARD E.	BOX 50	MILFORD	19963	DE
50-30-0058	BRYAN, HOMER		LEWES	19958	DE
50-30-0064	VANDERWENDE, WILLIAM		BRIDGEVILLE	19933	DE
50-30-0124	TRICE, WILMER	ROUTE 2 BOX 203	FEDERALSBURG	21632	MD
51-01-0011	CLIFTON H WAYSON		DAVIDSONVILLE	21035	MD
51-01-9018	DR. LEONARD S BULL	UNIV. OF MARYLAND	COLLEGE PARK	20742	MD
51-01-9026	N.W. HOOVEN JR.	BLDG. 161 ARC. E.	BELTSVILLE	20705	MD

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
51-02-0001	EDRICH FARMS INC.	3025 OFFUTT ROAD	RANDALLSTOWN	21133	MD
51-02-0007	D E OR C H COLE	COLEVIEW FARM	HAMPSTEAD	21074	MD
51-02-0035	CLOVERLAND DAIRY FARMS		PHOENIX	21131	MD
51-02-0041	JAMES W ARNACOST	JAMARIE FARM	UPPERCO	21155	MD
51-02-0099	KENNETH RHOTEN	CLAY BOTTOM FARM	HAMPSTEAD	21074	MD
51-02-0144	BILLY NELSON		WHITE HALL	21161	MD
51-02-0151	DONABET FARM	ROUTE 2 BOX 160	HAMPSTEAD	21074	MD
51-02-9026	HICKORY HILL FARM, INC.		UPPERCO	21155	MD
51-02-9135	MILTON G WHITE, JR		HYDE	21082	MD
51-03-0002	FERDINAND NAGEL	BOX 381, RFD 2	FEDERALSBURG	21632	MD
51-03-0016	JOHN FUCHS & SON		DENTON	21629	MD
51-03-0028	THOMAS TODD, JR		FEDERALSBURG	21632	MD
51-03-0056	ROBERT J HEREDITH	RFD 2 BOX 255	FEDERALSBURG	21632	MD
51-03-0057	EDGAR S VOORHEES	RFD, BOX 185	DENTON	21629	MD
51-03-0069	CHARLES T DEAN & SONS	R D BOX 214	RIDGELY	21660	MD
51-03-0070	DANIEL HOLLINGSWORTH	RD 3	DENTON	21629	MD
51-03-0071	MATTHEW GULRICH	RD 1, BOX 125	HENDERSON	21640	MD
51-03-0074	COLLISON DAIRY FARM	R WAYNE COLLISON,	HARRINGTON	19952	PA
51-03-9011	BROOKS NAGEL AND SON		PRESTON	21655	MD
51-04-0013	JAMES L MYERS & SONS		NEW WINDSOR	21776	MD
51-04-0014	MRS EARL BUCKEY		UNION BRIDGE,	21791	MD
51-04-0031	EDWARD M. BEARD	1706 SULLIVAN RD.	WESTINSTER	21157	MD
51-04-0036	CHAR-NAN FARMS	1440 BOLLINGER RD.	WESTMINSTER	21157	MD
51-04-0037	CRANBERRY MEADOW FARMS	1338 SULLIVAN RD.	WESTMINSTER	21157	MD
51-04-0038	GARY R BRAUNING	RFD #1 BOX 151	FINKSBURG	21048	MD
51-04-0048	KEY DE BLUE FARM	CARROLL M WILHIDE	DETOUR	21725	MD
51-04-0062	RAY H HAINES	RFD 1	LITTLESTOWN	17340	PA
51-04-0083	GEO & DANIEL FRITZ	2117 OLD NEW WINDS	NEW WINDSOR	21776	MD
51-04-0151	HARRY W ROACH III		NEW WINDSOR	21776	MD
51-04-0181	MARLIN HOFF	RD 2	NEW WINDSOR	21776	MD
51-04-0186	WILLIAM E SCHNEIDER	RD 3	SYKESVILLE	21784	MD
51-04-0228	JAMES & ARDEL STONESIFER	BOX 140, ROUTE 7	WESTMINSTER	21157	MD
51-04-0235	W H BARNES JR	ROUTE 2 BOX 210	MT AIRY	21771	MD
51-04-0245	HERMAN H HARTSOCK	RFD 1	UNION BRIDGE	21791	MD
51-04-0249	RASH BROTHERS	ROUTE 1	WOODBINE	21797	MD
51-04-0255	ROBERT BASSLER	ROUTE 2	NEW WINDSOR	21776	MD
51-04-0273	ROLAND BLUM		TANEYTOWN	21787	MD
51-04-0288	ROBERT EDWARDS		UNION BRIDGE	21791	MD
51-04-0292	J A SCHWARTZBECK, JR	ROUTE 1	UNION BRIDGE	21791	MD
51-04-0296	J HOWARD STILES	ROUTE 1	LITTLESTOWN	17340	PA
51-04-0298	JERRY SAVAGE	RFD #2	MT AIRY	21771	MD
51-04-0308	DONALD ENSOR	RT 1 BOX 190	PARKTON	21120	MD
51-04-0318	MAPLE LAWN FARM INC.		FULTON	20759	MD
51-04-9030	JOHN H HULL	1078 SULLIVAN RD.	WESTMINSTER	21157	MD
51-04-9170	SWISSVALE FARMS	69 BELL RD.	WESTMINSTER	21157	MD
51-04-9197	ROBERT & JOHN RINEHART	RFD 1	LITTLESTOWN	17340	PA
51-05-0008	CHARLES P ENGLAND	RD 1	RISING SUN	21911	MD
51-05-0009	HOWARD T ENGLAND	RD 1	NORTH EAST	21901	MD
51-05-0010	ELBERT RAY MC GRADY	RD 1	RISING SUN,	21911	MD
51-05-0017	CARL W FEUCHT JR.	MT. PLEASANT RD.	MIDDLETOWN	19709	PA
51-05-0056	LONG GREEN FARMS INC.	ROUTE 1	RISING SUN	21911	MD
51-05-0098	JOSEPH W ORR, SR.		RISING SUN,	21911	MD
51-05-0109	J B CARSON AND SON	ROUTE 1	RISING SUN	21911	MD
51-05-0122	ALBECK FARMS, INC.	RD 2	RISING SUN	21911	MD
51-05-0167	ANCHOR & HOPE INC	%ARUTHER GOOD	PORT DEPOSIT	21904	MD
51-05-0172	LOVDAL FARMS	ROAD 1	RISING SUN	21911	MD
51-05-0187	JOHN & JOAN C BYERLY	STAR ROUTE	WARWICK	21912	MD
51-05-7188	WALTER DRUMMOND	RD 1	CHESAPEAKE	21915	MD
51-05-9001	MT ARARAT FARMS	FRANK D BROWN	PORT DEPOSIT	21904	MD
51-05-9014	DONALD BALDERSTON		COLORA	21917	MD
51-05-9044	JOSEPH B OSBORNE	ROUTE 1, BOX 142	NORTH EAST	21901	MD
51-05-9110	WILLARD R LANE	HAVEN LANE FRMS --	RISING SUN	21911	MD
51-05-9132	GEORGE C FRY		EARLEVILLE	21919	MD
51-06-0019	RAWLINGS APPLE	RD 1, BOX 140	VIENNA	21869	MD
51-06-0027	BRINSFIELD BROTHERS	BOX 139	VIENNA	21869	MD
51-06-0034	JOSEPH HOLECHECK		FEDERALSBURG	21632	MD
51-06-0040	LUTHER HUSTON	RFD 1	HEBRON	21830	MD
51-07-0023	AUSTIN B COBLENTZ	ROUTE 1	JEFFERSON	21755	MD
51-07-0026	JOHN A HOPE, JR.	RFD	KNOXVILLE	21758	MD
51-07-0059	RALPH S RIPLEY		NEW WINDSOR	21776	MD
51-07-0063	JOHN D GAITHER	ROUTE 4	MT. AIRY	21771	MD
51-07-0064	AUSTIN L REEDER	ROUTE 2	UNION BRIDGE	21791	MD
51-07-0127	WILLIS D REMSBERG		ADAMSTOWN,	21710	MD
51-07-0135	VIKING VENTURES, INC.	ROUTE 1	EMMITSBURG	21727	MD
51-07-0180	RICHARD R REMSBURG	RFD	JEFFERSON	21755	MD
51-07-0184	KENNETH BURRIER	ROUTE 2	UNION BRIDGE	21791	MD
51-07-0192	IRVIN H ZINNERMAN		WALKERSVILLE	21793	MD
51-07-0236	ALLEN BROTHERS	RFD	JEFFERSON	21755	MD
51-07-0241	WILLIAM SCHRODEL	ROUTE 6	FREDRICK	21701	MD
51-07-0242	PAUL H CLEMSON JR	P. O. BOX 56	FREDERICK	21701	MD
51-07-0297	JACK H KLING	ROUTE 2	TANEYTOWN	21787	MD
51-07-0340	G EUGENE ANDERSON	ROUTE 1	THURMONT	21788	MD
51-07-0365	CHARLES AND JANE SMITH	ROUTE 1	JEFFERSON	21755	MD
51-07-0417	O CLAYTON SMITH		JEFFERSON	21755	MD
51-07-0419	BILL SLATER AND SONS	BOX 35	MONROVIA	21770	MD

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
51-07-0421	CHESTER AUSHERMAN		WALKERSVILLE	21793	MD
51-07-0432	HEHRLE H RAMSBURG JR	RFD #1	THURMONT	21788	MD
51-07-0443	ANDREW BAUGHMAN	RD 2	TANEYTOWN	21787	MD
51-07-0448	GORDON L FLICKINGER	ROUTE 2	UNION BRIDGE	21791	MD
51-07-0449	HARNER BROS INC	ROUTE 2	KEYMAR	21757	MD
51-07-0462	SAND ROCK FARM	BOX 105-C	ROCKY RIDGE	21778	MD
51-07-9020	MAURICE S AHALT	CATOCHREEK FARM	MIDDLETOWN	21769	MD
51-07-9025	CECIL K HOLTER AND SON	ROUTE 1	JEFFERSON	21755	MD
51-07-9027	J WILMER HOUSE	RFD	MIDDLETOWN	21769	MD
51-07-9029	HICKORYVALE FARM	ROUTE 2	MIDDLETOWN	21769	MD
51-07-9031	FRANK G REHSBERG	ROUTE 2	MIDDLETOWN	21769	MD
51-07-9035	EDGAR C VIRTS, JR.	RFD	JEFFERSON	21755	MD
51-07-9040	C LESTER DUDROW		LIME KILN	21763	MD
51-07-9066	DAVID F GROSSNICKLE		UNION BRIDGE	21791	MD
51-07-9086	RUSSELL S WACHTER		KEYMAR	21757	MD
51-07-9109	JAMES H STUP		WALKERSVILLE	21793	MD
51-07-9164	WILLIAM C KEPLER	RFD	MIDDLETOWN	21769	MD
51-07-9272	DONALD DEAN KELLER		MIDDLETOWN	21769	MD
51-07-9281	JAMES R HILL	ROUTE 2	EMMITSBURG	21727	MD
51-07-9375	ED & CAROL KAHLER	ROUTE 2	KEYMAR	21757	MD
51-07-9382	ROBERT C MARY POOLE	RFD 4	FREDERICK	21701	MD
51-07-9390	GLEN E. MORROW	6208 REDWING COURT	BETHESADA	20034	MD
51-07-9394	DONALD L WILCOX		IJAMSVILLE	21754	MD
51-07-9407	REUBEN & THELMA LOCKE	ROUTE 6	FREDRICK	21701	MD
51-08-0005	CRIST YODER		GRANTSVILLE	21536	MD
51-08-0009	SIMON J TICE	RD 1	GRANTSVILLE	21536	MD
51-08-0023	JONAS H YODER	ROUTE 1 BOX 87A	OAKLAND	21550	MD
51-08-0041	CLAUDE W WAGNER, JR.	STAR ROUTE	OAKLAND	21550	MD
51-08-0066	OREN BENDER	ROUTE 2	ACCIDENT	21520	MD
51-08-0075	WILLIS MAUST		ACCIDENT	21520	MD
51-08-0090	KENNETH L YODER		GRANTSVILLE	21536	MD
51-08-0105	EZRA P YODER	RD 2	GRANTSVILLE	21536	MD
51-08-0113	GLENN DURST	STAR ROUTE	FROSTBURG,	21532	MD
51-08-0118	CARL BENDER		ACCIDENT	21520	MD
51-08-0130	THOMAS R MASON	ROUTE 1	BRUCETON MILS	26525	MD
51-08-0140	EDGAR R YODER	STAR ROUTE	GRANTSVILLE	21536	MD
51-09-0007	CHARLES DAVIS		PYLESVILLE	21132	MD
51-09-0011	JAMES FIELDER	RD 2, BOX 73	BEL AIR	21014	MD
51-09-0029	HAROLD SMITH	RD 1, BOX 49	WHITE HALL	21161	MD
51-09-0035	RONALD JONES	ROUTE 1, BOX 294	WHITE HALL,	21161	MD
51-09-0039	CHARLES BIRCH	RD	STEWARTSTOWN	17363	PA
51-09-0115	BENJAMIN H AMOSS	ROUTE 1	FALLSTON,	21047	MD
51-09-0173	TWIN PINE FARM	CHARLES J KNOX	WHITEFORD	21160	MD
51-09-0199	CHARLES W GLASGOW		STREET	21154	MD
51-09-0202	TOM AND ABRAM ENSOR	ROUTE 1, BOX 134	STREET	21154	MD
51-09-9187	SCHENNING BROTHERS	RD 2 BOX 132	BELAIR	21014	MD
51-10-0010	HOWARD S HART	3200 DAISY ROAD	WOODBINE	21797	MD
51-10-0016	UNICORN ASSOCIATES	3481 MANOR LANE	ELLICOTT CITY	21842	MD
51-10-0022	JAMES A WELLINGS SR		SYKESVILLE	21874	MD
51-10-0105	STANLEY H PICKETT	ROUTE 2	MT. AIRY	21771	MD
51-10-0137	U.S. NAVAL ACADEMY DAIRY		GAMBRILLS	21054	MD
51-10-0151	MARK CLARK	10572 ROUTE 108	ELLICOTT CITY	21043	MD
51-10-9008	NINA R CARROLL	DOUGHOREGAN MANOR	ELLICOTT CITY	21042	MD
51-10-9018	C E IAGER AND SONS		FULTON	20759	MD
51-10-9098	UNIVERSITY OF MARYLAND	FORAGE RESEARCH FA	ELLICOTT	21042	MD
51-10-9118	R HARWOOD & R WOTTHLIE	ROUTE 5	MT AIRY	21771	MD
51-10-9146	R CURTIS DAY	8711 MAIN STREET	DAMASCUS	20750	MD
51-11-0005	ANDELOT INCORPORATED		WORTON	21678	MD
51-11-0021	WILBUR H MORRIS	ROUTE 2	CHESTERTOWN	21620	MD
51-11-0050	BRICK-HOUSE FARM, INC.	RD 2	CHESTERTOWN	21620	MD
51-11-0065	E R COOK AND SON		KENNEDYVILLE	21645	MD
51-11-0117	JOHN D FERNWALT, JR.		KENNEDYVILLE,	21645	MD
51-11-0121	EARLE CHANCE AND SON		GALENA	21635	MD
51-11-0133	JOSEPH A MC HENRY & SONS	R F D	KENNEDYVILLE	21645	MD
51-11-0143	ALBERT F BAXTER		WORTON	21678	MD
51-11-0146	WILLIAM M CHANCE JR.	P. O. BOX 27	MILLINGTON	21651	MD
51-11-0149	JOSEPH W SMITH		MILLINGTON	21651	MD
51-11-0151	GEORGE RONNIE LEAGER	RT. 1 BOX 22	SUDLERVILLE	21668	MD
51-11-0170	WINTACRES	ROUTE 1 BOX 127	SUDLERSVILLE	21668	MD
51-11-0171	H ASHTON GARRETT & SON	BOX 16	CHESTERTOWN	21620	MD
51-11-9034	H JULIAN HILL & SONS	RFD	KENNEDYVILLE	21645	MD
51-11-9073	R S TARBUTTON		KENNEDYVILLE,	21645	MD
51-11-9115	WILLIAM L MC DANOLDS		STILL POND	21667	MD
51-11-9122	EDWIN C FRY	RD 1	CHESTERTOWN	21620	MD
51-11-9137	CARL C LEONARD	RFD	KENNEDYVILLE	21645	MD
51-11-9150	G P MC DANOLDS, JR.		KENNEDYVILLE	21645	MD
51-12-0004	V J HARTMAN AND SON		WESTOVER	21871	MD
51-12-0024	GLAD-MAR FARM INC	BOX 187 RT 1	POCOMOKE CITY	21851	MD
51-12-0048	C J HUDSON AND SONS	RD 1	BERLIN	21811	MD
51-12-0054	HAROLD HOLSTETLER		WESROVER	21871	MD
51-13-0018	STEWART WALKER & SONS	11601 BETHSADA CHU	DAMASCUS	20750	MD
51-13-0064	D AND E B WEITZER		POOLESVILLE	20837	MD
51-13-0150	SAVAGE-LEIGH FARM		BOYDS	20720	MD
51-13-0174	WILLIAM PARRECO	OAKWOOD FARMS	GERMANTOWN	20767	MD
51-13-0200	CLARENCE PEARSON	15001 SHADY GROVE	ROCKVILLE	20850	MD

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
51-13-0213	SAVAGE-LEIGH #2	ROUTE 1	BOYDS	20720	MD
51-13-9002	GARRETT BROTHERS	10810 DARNESTOWN	ROCKVILLE,	20854	MD
51-13-9135	LESLIE C. KING & SONS	11411 KINGSTEAD RD	DAMASCUS	20750	MD
51-14-0004	E STUART DELBROOK	BOX 121, ROUTE 1	MT. SAVAGE	21545	MD
51-14-0044	J N KUYKENDALL	ROUTE 2, BOX 232	KEYSER	26726	MD
51-14-0064	DONALD V BROOKE	ROUTE 1, BOX 191	KEYSER	26726	MD
51-15-0015	WILSON A DUKES		CENTREVILLE	21617	MD
51-15-0037	BARCLAY R STANTON		CHURCH HILL	21623	MD
51-15-0101	JAMES ROBERT SPIES	ROUTE 1, BOX 102	HENDERSON,	21641	MD
51-15-0105	F REED LEAVERTON		CENTREVILLE	21617	MD
51-15-0109	FRANKLIN MOORE	RD 1, BOX 90	CENTREVILLE	21617	MD
51-15-0120	JAMES F KIMBLE	BOX 53 RD 1	CENTREVILLE	21617	MD
51-15-0124	KINSTEAD FARM		CENTREVILLE	21617	MD
51-15-0126	D WAYNE MC FARLAND	ROUTE 1 BOX 111-A	CHURCH HILL	21623	MD
51-15-0129	HOLLYBERRY FARMS INC	R D 2 BOX 116	CENTREVILLE	21617	MD
51-15-0130	HAROLD L BROWN		CENTREVILLE	21617	MD
51-15-0134	ALL REED FARM	ROUTE#1 BOX 33	CENTREVILLE	21617	MD
51-15-0136	HARRY L. SCHRADER		CHESTERTOWN	21620	MD
51-15-0138	PARRY FARMS	ROUTE 1	CENTREVILLE	21617	MD
51-15-9106	E JARRETT EVERETT		PRICE	21656	MD
51-15-9119	JOHN L KING, JR.	ROUTE 1, BOX 56	CHURCH HILL	21623	MD
51-15-9121	LLOYD MARION ANDREW	ROUTE 1	CENTREVILLE	21617	MD
51-16-0044	ARTHUR F COVEY	GLEBE ROAD	EASTON,	21601	MD
51-16-0056	MAURICE E COLLINS	ROUTE 5 BOX 340	EASTON	21601	MD
51-16-0061	HERBERT L ANDREW, 3RD	N DOVER FR, RT 3 B	EASTON	21601	MD
51-16-0063	BAY ACRES, INC	RD 2 BOX 122	TRAPPE	21673	MD
51-17-0004	GEORGE STILES	FARM 2 - ROUTE 1	BOONSBORO	21713	MD
51-17-0005	R A MC CAULEY	ROUTE 6	HAGERSTOWN	21740	MD
51-17-0008	NORMAN E EBY	ROUTE 4	HAGERSTOWN	21740	MD
51-17-0035	TRUMAN MARTIN	2454 PENNSYLVANIA	HAGERSTOWN	21740	MD
51-17-0036	EARL GROVE	ROUTE 3	HAGERSTOWN	21740	MD
51-17-0037	WILLIAM H PRICE	ROUTE 1	CLEAR SPRING	21722	MD
51-17-0039	GEORGE S KEENER	ROUTE 2	HAGERSTOWN	21740	MD
51-17-0050	LEWIS LEHMAN	ROUTE 3	HAGERSTOWN	21740	MD
51-17-0072	DOWNEY FARMS INC	ROUTE 1	WILLIAMSPORT	21795	MD
51-17-0075	ADIN MARTIN	2045 PENNSYLVANIA	HAGERSTOWN	21740	MD
51-17-0080	LEON PRICE	ROUTE 1	SHARPSBURG	21782	MD
51-17-0081	MC MULLAN AND GRAVES	ROUTE 1	CLEAR SPRING	21722	MD
51-17-0095	FIREY BROTHERS	ROUTE 1	CLEAR SPRING	21722	MD
51-17-0110	SAMUEL J WINTERS & SON	ROUTE 2	SMITHSBURG	21783	MD
51-17-0111	GLENN E MARTIN	ROUTE 2	KNOXVILLE	21758	MD
51-17-0144	THOMAS E SHAW	ROUTE 1	FAIRPLAY	21733	MD
51-17-0158	ROGER S HORNBAKER	BOX 222	WILLIAMSPORT	21795	MD
51-17-0167	CHARLES F WINTERMOYER	ROUTE 2	HAGERSTOWN	21740	MD
51-17-0170	51 17 0213	ROUTE 1	CLEAR SPRING	21722	MD
51-17-0171	EDWARD P ROBINSON	ROUTE 1	HAGERSTOWN	21740	MD
51-17-0175	ROY J BYERS	ROUTE 2	HAGERSTOWN	21740	MD
51-17-0196	LARRY NEIL BEARD	ROUTE 2	BOONSBORO	21713	MD
51-17-0197	LEONARD E LOWRY	ROUTE 4	HAGERSTOWN	21740	MD
51-17-0198	JOHN OELAND BEARD	ROUTE 1	BOONSBORO	21713	MD
51-17-0203	RICHARD W HARBAUGH	ROUTE 3 BOX 302F	HAGERSTOWN	21740	MD
51-17-0212	KINGMORE FARMS	C/O WILLIAM F FILM	BOONSBORO	21713	MD
51-17-0213	WILBUR TRUMPOWER	ROUTE 1	CLEAR SPRING,	21722	MD
51-17-0215	KENNETH E HARTMAN	ROUTE 2	SMITHSBURG	21783	MD
51-17-0217	PRICE & FORSYTH	BOX 136 ROUTE 3	HAGERSTOWN	21740	MD
51-17-0218	LEE WORTHINGTON	ROUTE 3	SMITHSBURG	21783	MD
51-17-0242	IRVINGTON FARMS	ROUTE 2	BOONSBORO	21713	MD
51-17-7139	ELLIS E STRITE	ROUTE 2, BOX 367	WILLIAMSPORT	21795	MD
51-17-7207	MARSH-HAVEN FARM	ROUTE 6	HAGERSTOWN	21740	MD
51-17-9001	RALPH W SHANK	ROUTE 3	HAGERSTOWN	21740	MD
51-17-9018	WALTER LITTON	ROUTE 1	BOONESBORO	21713	MD
51-17-9021	SETH K SCHNEBLY	ROUTE 1	CLEAR	21722	MD
51-17-9120	ARTHUR RODERICK	ROUTE 1	HAGERSTOWN	21740	MD
51-17-9128	ARTHUR FOUCHE	ROUTE 1	ROHRERSVILLE	21779	MD
52-04-0003	RIVERSIDE FARM	ROUTE 4	AMELIA	23002	VA
52-04-0011	CHARLES F MOYER JR	RT 2 BOX 307	AMELIA	23002	VA
52-04-0030	R M & J A WATKINS	ROUTE 3 BOX 148	AMELIA	23002	VA
52-07-0013	JOHN G WRIGHT	ROUTE 1 BOX 351	WAYNESBORO	22980	VA
52-07-0025	SMITHS DAIRY	04EUGENE E SMITH	CHURCHVILLE	24421	VA
52-07-0034	MAPLE LAWN DAIRY	04RALPH SIMMONS RT	FISHERSVILLE	22939	VA
52-07-0037	ROBERT G HEIZER	STAR ROUTE B	STAUNTON	24401	VA
52-07-0041	W W RAWLEY	04GREEN VALLEY FAR	MT SOLON	22843	VA
52-07-0044	HAROLD W ROLLER	BOX 289	WEYERS CAVE	24486	VA
52-07-0053	JAMES F HEIZER	ROUTE 1	GREENVILLE	24400	VA
52-07-0055	HERSCHEL H GARDNER	RT 1 BOX 30	MT SOLON	22843	VA
52-07-0095	JOHN BEILER	04HOME PLACE FARM	STUARTS DRAFT	24477	VA
52-07-0096	MEADOW RUN DAIRY FARM	ROUTE 1	WAYNESBORO	22980	VA
52-07-0099	RILEY F WAGNER	RT 2 BOX 201	BRIDGEWATER	22812	VA
52-07-0103	AMOS C ZOOK	04ROUTE 2	STAUNTON	24401	VA
52-07-6127	R G HEIZER & SONS	STAR ROUTE B	STAUNTON	24401	VA
52-09-0092	WIPLE DALE FARM	BOX 554	BEDFORD	24523	VA
52-11-0006	LEE P HAMMOND	BOX 163	BUCHANAN	24066	VA
52-11-0007	CAVE HILL DAIRY FARM	A H HENDERSON RT	TROUTVILLE	24175	VA
52-12-0005	DIAMOND GROVE FARM	62DOUGLAS B CHILD	BROONAX	23920	VA
52-12-0011	LAWRENCE E WRIGHT JR	62RTE 2 BOX 141-A	BROONAX	23920	VA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
52-12-0012	WESWAN MANOR DAIRY	62RT 2 BOX 153	BROONAX	23920	VA
52-15-0001	JOHN W ARTHUR	ROUTE 1	RUSTBURG	24588	VA
52-15-0008	HENRY T PATRICK JR	RT 1 BOX 18	RUSTBURG	24588	VA
52-15-0028	DWAYNE & ERNEST YODER	BOX 291	GLADYS	24554	VA
52-16-0002	SMITH BROTHERS FARM	RT 1 BOX 78	RUTHER GLEN	22546	VA
52-17-0033	C ELMER RUSSELL	ROUTE 1	WOODLAWN	24381	VA
52-19-0007	HOWARD BROS	36BOX 218	CHARLOTTE CH	23923	VA
52-19-6025	JOHN MORSE	RT 2 BOX 85	BROOKNEAL	24528	VA
52-21-0001	JOHN O HARDESTY & SON	ROUTE 1	BERRYVILLE	22611	VA
52-21-0003	FRANK C SOWERS	12SHADE RUFF FARM	BERRYVILLE	22611	VA
52-21-0012	E B LEE & SON	12HICKORY GREEN DA	WHITE POST	22663	VA
52-23-0029	JAMES A WEAVER JR	ROUTE 2	CULPEPER	22701	VA
52-23-0035	JOHN M WILLIS	11BOX 788	CULPEPER	22701	VA
52-23-0042	JOHN A HUNT	11LOCUST HILL FARM	CULPEPER	22701	VA
52-23-0054	VA BAPTIST HOME	11P O BOX 191	CULPEPER	22701	VA
52-23-0059	ASHLAND FARMS	11ROUTE 2	CULPEPER	22701	VA
52-23-0067	JOSEPH A HOUCK	ROUTE 2 BOX 273-A	CULPEPER	22701	VA
52-23-0082	RICHARD P HARRIS JR	11RTE 4	CULPEPER	22701	VA
52-23-0092	DOUGLAS W FORREST	RT 2 BOX 280	CULPEPER	22701	VA
52-24-0003	CUMVA FARMS	ROUTE 1	FARMVILLE	23901	VA
52-26-0018	EDWARD TITHUS & DARRELL	WHIPPERNOCK FARM	SUTHERLAND	23885	VA
52-28-0005	MANAGER FRANKLIN FARMS	283227 CENTERVILLE	HERNDON	22070	VA
52-28-0011	JOHN MIDDLETON	16ROUTE 1	HERNDON	22070	VA
52-29-0003	J W & J N EUSTACE	45WILLOWLYN FARMS	CATLETT	22019	VA
52-29-0011	M B JR & FRANK C OTT	18ATTN MORGAN B OT	SEALETON	22712	VA
52-29-0012	LACY W PETERS	18AUTUMN HILL FARM	CATLETT	22019	VA
52-29-0091	CECIL L LOMAX	18ROUTE 2	WARRENTON	22186	VA
52-29-0102	RAYMOND SHROCK	18	CATLETT	22019	VA
52-29-0103	JAMES M HACKMAN	BOX 251	MIDDLEBURG	22117	VA
52-29-0113	THREE D FARM INC	18	CALVERTON	22016	VA
52-32-0006	J WILLARD BOWMAN	19	BOONES MILL	24065	VA
52-32-0008	E CLINE BRUBAKER	ROUTE 4	ROCKY MOUNT	24151	VA
52-32-0016	MARK W BOWMAN	RFD 1	BOONES MILL	24065	VA
52-32-0017	RAYMOND SCOTT	19	BOONES MILL	24065	VA
52-32-0021	W W NAFF JR		BOONES MILL	24065	VA
52-32-0030	HORACE C FISHER & SON	19LONG VIEW FM RFD	ROCKY MOUNT	24151	VA
52-32-0035	W R & W P KINGERY JR	RT 1	ROCKY MOUNT	24151	VA
52-32-0038	O H SINK AND SONS	19ROUTE 1	ROCKY MOUNT	24151	VA
52-32-0062	WALTER V MCCLURE	RT 3 BOX 45-A	FERRUM	24088	VA
52-32-0065	R ELBERT MILLIRON	RT 4	ROCKY MOUNT	24151	VA
52-32-0067	HERSCHEL R FIKE	19ROUTE 1	ROCKY MOUNT	24151	VA
52-32-0080	R T MILAM	19MIACRES DY FARM	ROCKY MOUNT	24151	VA
52-32-0082	MAURICE D LAPRADE & SON	ROUTE 4 BOX 186	ROCKY MOUNT	24151	VA
52-32-0084	BEN P MIDDLETON	23HORSE PEN HILL	PENHOOK	24137	VA
52-33-0001	FORT COLLIER FARMS	12BOX 440	WINCHESTER	22601	VA
52-33-0019	R V STILES & SONS	12WAVERLY FARM	CLEARBROOK	22624	VA
52-37-0034	JOE DON DICKENSON	61RT 2 BOX 134	FRIES	24330	VA
52-37-6035	E J RICHARDSON	RT 1	GALAX	24333	VA
52-40-0018	HARRELL FORD	230AK HILL DAIRY	SOUTH BOSTON	24592	VA
52-42-0004	C W SMITH & SONS INC	ROUTE 2 BOX 156	RUTHER GLEN	22546	VA
52-42-0007	PEMBERTON & REDDING	RT 1	DOSWELL	23047	VA
52-42-0016	A P NUCKOLS & SONS	15EASTVIEW FARM	BEAVERDAM	23015	VA
52-43-0018	OWN-LEE HOLSTEINS	5906 BRANDY LANE	RICHMOND	23231	VA
52-43-6013	CURLES NECK FARM INC	RT 5	RICHMOND	23231	VA
52-53-0005	RONALD A HOPE & SON	28ROUND OAK FARM	PURCELLVILLE	22132	VA
52-53-0050	REARDON BROS & DR W P FR	28RT 1 BOX 181	HAMILTON	22068	VA
52-53-0053	NORVEL L LOWRY JR & SONS	28RT 1 BOX 28-A	LOVETTSVILLE	22080	VA
52-53-0059	HOWARD D SPRAGUE	28CHESTNUT KNOLL F	PURCELLVILLE	22132	VA
52-53-0067	JOHN D ARCHBOLD	28FOXLEASE FARM	UPPERVILLE	22176	VA
52-53-0075	H RALPH FIELDS	28CENTER FIELD FAR	PURCELLVILLE	22132	VA
52-53-0126	ROBERT K REID	28BOX 86	PURCELLVILLE	22132	VA
52-53-0128	EDWIN C POTTS	RT 1	PURCELLVILLE	22132	VA
52-53-0142	WM H COCKERILL	28	PURCELLVILLE	22132	VA
52-53-0163	JERRY MICHAEL	14228 N EDGEWOOD S	ARLINGTON	22201	VA
52-53-0185	DIGGS VALLEY FARM	28A L PEARSON	HAMILTON	22068	VA
52-53-0191	S I GRANGER	28SMITH FARM	PURCELLVILLE	22132	VA
52-53-0200	WM H HARRISON & DONALD E	RFD 2	LEESBURG	22075	VA
52-53-0212	CHARLES A HASKINS		BLUEMONT	22012	VA
52-53-0223	H A KLAGSBRUNN	ROUTE 1	PURCELLVILLE	22132	VA
52-54-0002	R J FISHER	RT 1 BOX 183	GORDONSVILLE	22942	VA
52-56-0013	ROSNI FARMS INC	35ATTN F S WALKER	ORANGE	22960	VA
52-56-0022	J T WILLIAMSON	35CHIC A WIL	BRIGHTWOOD	22715	VA
52-56-0034	HARRY R JOHNSTON	RIVERSIDE FARM	LOCUST DALE	22948	VA
52-56-0040	HENRY L LANDIS	35LOVELL ACRES	LOCUST DALE	22948	VA
52-56-0041	MARK T MUMMAU	35JAQUELIN HALL FA	SOMERSET	22972	VA
52-56-0044	WARREN R FALK	35RENBACK FARM	PRATTS	22731	VA
52-56-6029	MRS JANE L HEYWARD	35LANEWAY FARM	ROCHELLE	22738	VA
52-56-6037	DAVID NEIL & GARY JONES	38	ARODA	22709	VA
52-58-0003	PARK FOREST FARMS INC	62W E BLALOCK	BASKERVILLE	23915	VA
52-59-0001	E C ANDERSON	% E C SWAIN MGR	WAKE	23176	VA
52-60-0001	JON A ALTIZER	37ROUTE 1	RINER	24149	VA
52-60-0002	W R GREEAR	0	RINER	24149	VA
52-60-0005	TEEL & WILLARD	37ROUTE 1	CHRISTIANBURG	24073	VA
52-60-0007	HALL BROTHERS DAIRY	37ROUTE 2	BLACKSBURG	24060	VA
52-60-0010	DALE D TEEL	ELM DRIVE	CHRISTIANBURG	24073	VA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
52-60-0038	L H HORTON AND SON	ROUTE 1	CHRISTIANSBURG	24073	VA
52-60-6014	VIRGINIA POLYTECHNIC INS	37	BLACKSBURG	24060	VA
52-60-6019	VA POLYTECHNIC INST	37DAIRY SCIENCE DE	BLACKSBURG	24060	VA
52-60-6021	V P I DIVISION OF RESEAR	SELECTION	BLACKSBURG	24060	VA
52-60-6036	V P I DIVISION OF RESEAR	CONTROL	BLACKSBURG	24060	VA
52-61-0007	RICHARD H WILLIAMS & SON	BOX 839	SUFFOLK	23434	VA
52-61-6003	ROUNTREE DAIRY INC	BOX 275	SUFFOLK	23434	VA
52-64-0015	BERGEYS DAIRY FARM	2221 MT PLEASNT RD	CHESAPEAKE	23320	VA
52-64-0025	C S KURTZ	642049 MT PLESANT	CHESAPEAKE	23320	VA
52-67-0004	J H & J F HAMELTON	RT 2	BURKEVILLE	23922	VA
52-67-0007	WILLIE B IRBY	39	BLACKSTONE	23824	VA
52-67-0011	E L STABLES	ROUTE 2	CREW	23930	VA
52-67-0029	H B FARRAR		BURKEVILLE	23922	VA
52-67-0036	OWN LEE FARMS	ROUTE 1	CREWE	23939	VA
52-68-0010	HAMPSTEAD FARM INC	38	SOMERSET	22972	VA
52-68-0020	WYATT A WILLIAMS	38YATTON FARMS	ORANGE	22960	VA
52-68-0033	VERNON R JONES	ROUTE 2	ORANGE	22960	VA
52-68-6032	BERRY HILL FARM	38	ORANGE	22960	VA
52-70-0002	E LYLE CLARK JR	CLARKDALE FARM	STUART	24171	VA
52-70-0018	ESMOND HALL	41	MEADOWS OF DAN	24120	VA
52-70-0026	RAYMOND WINFREY	RT 1 BOX 143	STUART	24171	VA
52-70-6003	IVAN W BYERS	RT 5 BOX 268	STUART	24171	VA
52-71-0008	BILLY NUCKOLS	ROUTE 4	CHATHAM	24531	VA
52-71-0026	C H HAWKER	ROUTE 1	CHATHAM	24531	VA
52-72-0010	R L TIMBERLAKE AND SON	R F D 3	POWHATAN	23139	VA
52-72-0022	RR & JG COSBY	43ROUTE 1 BOX 111	POWHATAN	23139	VA
52-72-0028	ROBERT HERTZLER	ROUTE 4	POWHATAN	23139	VA
52-73-0004	W L DICKENSON	36SHADOW WOOD FARM	CULLEN	23934	VA
52-73-0008	T E SLAYDON	ROUTE 2	KEYSVILLE	23947	VA
52-74-0008	BRANDON PLANTATION	15	SPRING GROVE	23881	VA
52-75-0027	CLOVER HILL FARM	459115 CLOVER HILL	MANASSAS	22110	VA
52-75-0034	WOOD BROS	9809 BURWELL RD	NOKESVILLE	22123	VA
52-75-0040	HARRY M MILLER & SON	4512206 PARK GATE	NOKESVILLE	22123	VA
52-76-0003	BAYVILLE FARMS INC	PO BOX 5506	VA BEACH	23455	VA
52-76-0027	B & B FARMS	2264 SALEM RD	VA BEACH	23456	VA
52-77-0001	ROCKWOOD FARM	47? H BELL	DUBLIN	24084	VA
52-77-0011	L B TRIGG	47ROUTE 2	RADFORD	24141	VA
52-80-0027	EARL & CLAUDE SIRRY	RT 1	CATAWBA	24070	VA
52-81-0010	J J TARDY	RT 3	LEXINGTON	24450	VA
52-81-0012	F R WHIPPLE & SON		BROWNSBURG	24415	VA
52-81-0013	MRS T R BEARD & SON	MEADOWVIEW FARM	RAPHINE	24472	VA
52-81-6039	J K HESLEP	02ROCKY CREEK FARM	FAIRFIELD	24435	VA
52-82-0002	DAN J BEARD	49ROUTE 2	HARRISONBURG	22801	VA
52-82-0003	SHEN-ROCK HOLSTEIN	ROUTE 1	MCGAHEYSVILLE	22840	VA
52-82-0004	S R BOWMAN II	49ROUTE 2 BOX 131	HARRISONBURG	22801	VA
52-82-0010	WAMPLER & GARDNER	ROUTE 2	BRIDGEWATER	22812	VA
52-82-0014	DANIEL J MYERS	ROUTE 6	HARRISONBURG	22801	VA
52-82-0016	ROLLER JERSEY FARM	49ROUTE 1	TIMBERVILLE	22853	VA
52-82-0020	WENGER & WENGER	49	LINVILLE	22834	VA
52-82-0026	DANIEL W BRUBAKER	RT 1 BOX 244	DAYTON	22821	VA
52-82-0045	F A HOLLEN & SONS	49ROUTE 2	BRIDGEWATER	22812	VA
52-82-0057	FUNKHOUSER & BURNER	49CHARLES L BURNER	MCGAHEYSVILLE	22840	VA
52-82-0064	ELDON L SHANK	ROUTE 1	MT CRAWFORD	22841	VA
52-82-0073	PAUL W CRAUN	R F D 2	BRIDGEWATER	22812	VA
52-82-0081	C H MUNDY & SON	49	MCGAHEYSVILLE	22840	VA
52-82-0088	PAUL J SIMMERS & SON	49ROUTE 1	DAYTON	22821	VA
52-82-0092	CROHE BROS	RT 1	KEEZELTOWN	22832	VA
52-82-0101	RAWLEY SHANK	49ROUTE 4	HARRISONBURG	22801	VA
52-82-0105	W G BLOSE	49MIDROCK DAIRY FA	PENN LAIRD	22846	VA
52-82-0115	HAROLD D MILLER & SONS	ROUTE 1	DAYTON	22821	VA
52-82-0116	R L & R E RIVERCOMB	ROUTE 1	DAYTON	22821	VA
52-82-0123	EDWIN A EYE	RT 1	DAYTON	22821	VA
52-82-0135	H L SHIREY	49	PENN LAIRD	22846	VA
52-82-0136	EL CARDALE FARM	49E J MORRIS & SON	ELKTON	22827	VA
52-82-0141	SIDNEY A SCHAEFER	BOX 164 ROUTE 1	LINVILLE	22834	VA
52-82-0148	JOACHIM H KRUEGER	ROUTE 1 BOX 367	LINVILLE	22834	VA
52-82-0153	ROBERT & MARY FRANCES KO	ROUTE 1 BOX 23	HARRISONBURG	22801	VA
52-83-0008	ELK GARDEN DAIRY	63JOHN BARNS	LEBANON	24266	VA
52-85-0021	LONNIE EATON & SONS	ROUTE 1 BOX 205	NEW MARKET	22844	VA
52-85-0033	J A KINCAID	93MT AIRY FARM	MT JACKSON	22842	VA
52-85-0037	CHARLES H STREET III	53EDGEHILL FARM	QUICKSBURG	22847	VA
52-86-0009	RICHARDSON BROTHERS	RT 3	MARION	24354	VA
52-86-0037	JAMES C & DAVID DISHNER	RT 3	MARION	24354	VA
52-87-0007	DEERPATH FARM	64PO BOX 217	FRANKLIN	23851	VA
52-87-0008	W L YOUNG	64ROSE VALLEY FM	FRANKLIN	23851	VA
52-88-0003	HARRIS BROTHERS	RT 1 BOX 97	MINERAL	23117	VA
52-88-0013	TE & ALLEN THORNBURN	RT 1 BOX 200	FREDERICKSBURG	22401	VA
52-88-0030	J C HOUCK	22RT 2 BOX 53	RUTHER GLENN	22546	VA
52-88-0033	LYONS FARM	22RT 2 BOX 254	SPOTTSYLVANIA	22553	VA
52-88-0035	JOHN D PECK & SON	22	SPOTTSYLVANIA	22553	VA
52-92-0001	LEATHERWOOD FARM	COLLEGE OR RT 2	BLUEFIELD	24605	VA
52-95-0007	KENNETH O DENTON	RT 4	ABINGDON	24210	VA
52-95-0058	JAMES J MILLARD	55	MENDOTA	24270	VA
52-97-0003	CLINCH HAVEN FARMS INC	ROUTE 1	BIG STONE GAP	24219	VA
52-98-0003	L JOE CROWGEY JR	RTE 1 BOX 58	WYTHEVILLE	24382	VA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
52-98-0004	R R CROWGEY	ROUTE 1	WYTHEVILLE	24382	VA
52-98-0018	VAU DELL FARMS	ROUTE 2	RURAL RETREAT	24368	VA
52-98-0026	CHARLES A STEFFEY	RT 1	RURAL RETREAT	24368	VA
52-98-0030	CLYDE H WATSON JR	56	MAX MEADOWS	24360	VA
52-98-0034	HORACE B SHARITZ	ROUTE 4 BOX 64	WYTHEVILLE	24382	VA
54-02-0033	MCCORMICK, EARL H.	R F D 4	MARTINSBURG	25401	WV
54-02-0054	HORST, IRVIN	POTOMAC RIVSDE FM	HEDGESVILLE	25427	WV
54-02-0058	HOLLIDA, WAYNE	BOX 80 ROUTE 3	MARTINSBURG	25401	WV
54-10-0002	JONES, HERBERT E. SR.	ATT A PACE LUNDALE	OAK HILL	25901	WV
54-13-0008	DON LIN JERSEY FARM	DONRAY DOTSON,BOX8	LEWISBURG	24901	WV
54-13-0018	KNIGHT, E. D. JR.	TUSCAWILLA FARM	LEWISBURG	24901	WV
54-13-0020	LEGG, KERWAN	SKY ACRES FARM	FRANKFORD	24938	WV
54-13-0026	PERKINS, MASON & SONS		FRANKFORD	24938	WV
54-13-0043	BEN BUCK FARM	CLEVELANDK. BENEDI	LEWISBURG	24901	WV
54-13-0063	WILSON, VIRGIL & BOB RD2	HOMELAND FM R-2 BX	RONCEVERTE	24970	WV
54-13-0064	BROWN, BYRL B.	GRANDVIEW FARM	FRANKFORD	24938	WV
54-13-0065	DAVIS, HARRY D.	BELL FLOWER FARM	ASBURY	24916	WV
54-17-0002	ALLMAN, DAVID L.	RD2 BOX 158 HARCOF	JANE LEW	26378	WV
54-17-0014	LAW, Z. W.		BRIDGEPORT	26330	WV
54-17-0016	MAXWELL, J. B.	RFD 1	CLARKSBURG	26301	WV
54-17-0040	ROSS, ROBERT J.	ROUTE 1	LUMBERPORT	26386	WV
54-19-0003	RZ BANE INC.	BAN-HARAM FMS-BOX	SUMMIT POINT	25446	WV
54-19-0034	ADAMS BROTHERS		RIPPON	25441	WV
54-19-0041	BENNER, H. C.	ROUTE 1, BOX 264	KEARNEYSVILLE	25430	WV
54-19-0045	GRANTHAM BROTHERS	R F D	KEARNEYSVILLE	25430	WV
54-19-0069	DRILAKE FARM	R F D 2 BOX 113	CHARLES TOWN	25414	WV
54-19-0078	KABLE, HARRY M.		CHARLES TOWN	25414	WV
54-19-0080	SWARTZ, RICHARD & NANCY	ROUTE 1, BOX 37	KEARNEYSVILLE	25430	WV
54-19-0081	ZIGLER INC.	RT 1 BOX 292	CHARLES TOWN	25414	WV
54-21-0034	RINEHART, WALTER L.	ROUTE 1	JANE LEW	26378	WV
54-26-0009	MILLIKEN, GEORGE	R 1	DALLAS	26036	WV
54-26-0014	CHAPLIN, MERLE	ROUTE 2	MOUNDSVILLE	26041	WV
54-26-0080	MAIDENS BROTHERS FARM	RD2 ATT R MAIDENS	MOUNDSVILLE	26041	WV
54-26-0088	MCCOMBS FARM, IVAN & JOH	R D 3	WHEELING	26003	WV
54-27-0029	LAKIN STATE HOSPITAL FAR		LAKIN	25250	WV
54-27-0030	OLDTOWN FARM INC. 1	ROUTE 1 BOX 79	POINT PLEASANT	25550	WV
54-27-0045	SOMMER, G. C.	ROUTE 1	SOUTHSIDE	25187	WV
54-27-0049	COTTRILL, C. L. JR.	ROUTE 1	WEST COLUMBIA	25287	WV
54-27-0063	OLDTOWN FARM INC. 2	ROUTE 1 BOX 79	POINT PLEASANT	25550	WV
54-27-0087	CRANK, JACK R.	ROUTE 1	HENDERSON	25106	WV
54-31-0024	WEST VIRGINIA UNIVERSITY	DAIRY DEPT	MORGANTOWN	26500	WV
54-32-0013	SIBOLD, C. E.		PICKAWAY	24964	WV
54-32-0014	CAMPBELL, C D & VA C	R F D 2	SINKS GROVE	24976	WV
54-32-0015	LAREW, J. W.	HANS CREEK ROAD	GREENVILLE	24945	WV
54-32-0018	ASH, ROBERT LEE		UNION	24983	WV
54-34-0004	GROVES, K. BROOKS	LAKE WOOD FARMS	CANVAS	26662	WV
54-35-0019	MILLER, HENRY J. & SON	LEE ANN DAIRY RT 1	WHEELING	26001	WV
54-39-0021	STEMPL, FRED AND DAVID		AURORA	26705	WV
54-39-0041	GIBSON, JOHN C.	ROUTE 1	TERRA ALTA	26764	WV
54-45-0001	HALSTEAD, W. E.	ROUTE 3 BOX 154	PENCE SPRINGS	24962	WV
54-46-0001	AUSTIN, NEIL O.	R D 1	GRAFTON	26354	WV
54-49-0015	PHILLIPS, BURTON R.	ROUTE 2	BUCKHANNON	26201	WV
54-49-0025	HARPLE, MONZELL D.	ROUTE 1	BUCKHANNON	26201	WV
54-59-0025	RIGGLE, WILLIAM D.	R D 2	WEST ALEXANDER	15376	PA
55-00-0017	HOLIDAYS DAIRY	RT 1	SNOW CAMP	27349	NC
55-00-0030	WORTH IVEY	ROUTE 4	MEBANE	27302	NC
55-00-0036	JONES BROTHERS DAIRY	ROUTE 2	PITTSBORO	27312	NC
55-00-0040	CHARLES M BEST	01ROUTE 2	MEBANE	27302	NC
55-00-0042	LAZY MEADOWS FARM	01,DENNIS M TINNIN	GRAHAM	25263	NC
55-02-0026	WESLEY C ANDERS	03	ENNICE	28623	NC
55-10-0019	ELIADA HOMES INC	BOX 6337	ASHVILLE	28806	NC
55-10-0043	FORD FARMS	BOX 1813	WEST ASHEVILLE	28806	NC
55-10-0054	DAVID SNELSON	08RT 4 BOX 480	ASHEVILLE	28806	NC
55-10-0060	B J SHELTON	ROUTE 1	ALEXANDER	28701	NC
55-10-6004	BILTMORE FARMS	08LONG VALLEY	BILTMORE	28803	NC
55-10-6007	BILTMORE FARMS	08LONG VALLEY	BILTMORE	28803	NC
55-10-6009	BILTMORE FARMS	08ALTA VISTA	BILTMORE	28803	NC
55-11-0006	BROUGHTON HOSPITAL	62ATT FARM MANAGER	MORGANTON	28655	NC
55-12-0012	J R LITTLE AND SONS		MIDLAND	28107	NC
55-17-0021	A H BRADSHAW	15RT 7 BOX 624	HICKORY	28601	NC
55-18-0001	FRANK A LINDLEY	ROUTE 1	SNOW CAMP	27349	NC
55-18-0006	LUTTERLOH & WILLIAMS		PITTSBORO	27312	NC
55-18-0017	CLAY VAN CULBERSON JR	RT 1	SNOW CAMP	27349	NC
55-18-0027	GRADY BRAXTON	ROUTE 2	PITTSBORO	27312	NC
55-18-0034	JAMES A LINDLEY	ROUTE 2 BOX 118	PITTSBORO	27312	NC
55-18-0041	GERALD THOMAS	16RT 2	PITTSBORO	27312	NC
55-18-0051	ARTHUR WHITE	16ROUTE 1 BOX 174	SILER CITY	27344	NC
55-18-0061	WILLIAM D HUGHES	ROUTE 3	APEX	27502	NC
55-21-0014	MORRIS SCROGGS	18ROUTE 2	HAYESVILLE	28904	NC
55-22-0002	J C RANDLE AND SONS	ROUTE 2	KINGS MOUNTAIN	28086	NC
55-22-0014	CHARLES A BRIDGES	19ROUTE 5	SHELBY	28150	NC
55-22-0043	WILBUR CABINESS		SHELBY	28150	NC
55-22-0053	ROBERT HUBBARD	19BELWOOD RURAL ST	LAWNDALE	28090	NC
55-28-0002	HILLYN FARM H L HILL	24RT 8	LEXINGTON	27292	NC
55-28-0010	C E GRAHAM	ROUTE 1	LINWOOD	27299	NC

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
55-28-0017	W L SMITH JR	RT 7	LEXINGTON	27292	NC
55-28-0025	D R RITH & SON	RT 9	LEXINGTON	27292	NC
55-28-0026	SAM Z TUSSEY AND SONS	24ROUTE 6	LEXINGTON	27292	NC
55-28-0027	M H HARRIS EST	RT 12 BOX 160	LEXINGTON	27292	NC
55-28-0032	WAYNE NIFONG	ROUTE 4	WINSTON SALEM	27107	NC
55-28-0033	T J & ROY ARNOLD	RT 2	LEXINGTON	27292	NC
55-28-0035	G J WARD DAIRY	ROUTE 2	LEXINGTON	27292	NC
55-29-0009	FRED F BAHNSON JR	SALEM STATION	WINSTON SALEM	27108	NC
55-29-0043	ROGER GABBERT		COOLEEMEE	27014	NC
55-31-0003	CROASDAILE DAIRY	46R 2 CARVER ST EX	DURHAM	27705	NC
55-31-0010	QUAIL ROOST FARMS	88	ROUGEMONT	27572	NC
55-33-0025	J H TEDDER	BROOK ACRE FARM	LEWISVILLE	27023	NC
55-33-0026	O ODELL MARTIN	2256 UNION CRS RD	WINSTON SALEM	27107	NC
55-33-0034	O T FOWLER	GRAND VIEW FARM	PFAFFTOWN	27040	NC
55-33-0037	RALPH REICH & SON	273150 FRATRNTY CH	WINSTON SALEM	27107	NC
55-35-0051	CARROLL DAIRY	ROUTE 2	CHERRYVILLE	28021	NC
55-38-0003	OXFORD ORPHANAGE	29ATTN R J DAVIS	OXFORD	27565	NC
55-38-0015	CLEMENT BROTHERS DAIRY	29ROUTE 1	OXFORD	27565	NC
55-38-0020	W L PEED	29	CREEDMOOR	27522	NC
55-38-0034	J W UMSTEAD HOSPITAL	62ATTN FARM MANAGE	BUTNER	27509	NC
55-38-0037	FRED H STEM	ROUTE 2	OXFORD	27565	NC
55-40-0019	HILLTOP LANE FARM	ROUTE 1	MCLEANSVILLE	27301	NC
55-40-0021	RALPH CUMMINGS	31	GUILFORD COLLEG	27410	NC
55-40-0038	BOWMAN BROS DAIRY	ROUTE 1	JULIAN	27283	NC
55-40-0045	MARIKEN FARMS #1	3302 LIBERTY RD	GREENSBORO	27406	NC
55-40-0051	KECKS DAIRY INC	31ROUTE 1	JULIAN	27283	NC
55-40-0062	HOWARD JOBE	ROUTE 4 BOX 982	GREENSBORO	27406	NC
55-40-0082	J R ANDERSON	ROUTE 1	KERNSVILLE	27284	NC
55-40-6029	TALMAGE BREWER	EAST MARKET ST	GREENSBORO	27411	NC
55-42-0003	JOHNSON BROS DAIRY	ROUTE 1	LILLINGTON	27546	NC
55-42-0005	HI- LO FARM	ROUTE 1	FUQUAY	27526	NC
55-43-0007	G C PALMER JR	ROUTE 3	CLYDE	28721	NC
55-43-0008	W RILEY PALMER	154 ARTHUR	ASHEVILLE	28806	NC
55-44-0026	PRYOR BROTHERS DAIRY	ROUTE 2	HENDERSONVILLE	28739	NC
55-44-0037	SPRING HILL FARM	34ROUTE 2 BOX 14	HORSE SHOE	28742	NC
55-44-0062	SILVERLANE FARMS INC	ROUTE 2	FLETCHER	28732	NC
55-44-0067	O G RAMSEY & SON	ROUTE 4 BOX 181	HENDERSONVILLE	28739	NC
55-48-0042	R R COWLES	368OX 212	STATESVILLE	28677	NC
55-48-0054	OLDHT FARMS	ROUTE 6 BOX 118A	STATESVILLE	28677	NC
55-48-0061	BEECHER H GROSE	ROUTE 2 BOX 189B	HARMONY	28634	NC
55-48-0075	W KENNETH BESS	RT 5 BOX 245	STATESVILLE	28677	NC
55-48-0076	LINGLE & THOMAS DAIRY	36RT 1 BOX 185	HARMONY	28634	NC
55-53-0009	CASWELL CENTER	62J P SMITH	KINSTON	28501	NC
55-53-0017	BAPT CHILDRENS HOME	ROUTE 2	KINSTON	28501	NC
55-54-0037	MARLICK BROS	37ROUTE 2	VALE	28168	NC
55-59-0014	ERNEST COOK	42ROUTE 2 BOX 749	HUNTERSVILLE	28078	NC
55-59-0015	HARVEY B HUNTER	R F D 3	CHARLOTTE	28210	NC
55-59-0019	J B STROUP	42ROUTE 10	CHARLOTTE	28213	NC
55-61-0010	BOBBY RAY ATKINS	61ROUTE 2	TROY	27371	NC
55-61-0014	JAMAX FARM	BOX 58	BISCOE	27209	NC
55-63-0001	C S BUNN AND SONS	67GOLDLEAF FARM	SPRING HOPE	27882	NC
55-67-0001	GUERNSDEL FARM	ROUTE 2	CHAPEL HILL	27514	NC
55-67-0003	LEMOLA FARMS INC	ROUTE 4	CHAPEL HILL	27514	NC
55-67-0005	CATES BROS	46ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0010	DR J W BEARD	46ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0014	TEER FARMS INC	46RT 1 BOX 124	CHAPEL HILL	27514	NC
55-67-0015	ARROWHEAD FARM	46% R NICHOLS RT 2	HILLSBOROUGH	27278	NC
55-67-0016	W G CARUTHERS JR	ROUTE 2	HILLSBOROUGH	27278	NC
55-67-0018	WILLIAM C DORSETT	46ROUTE 1	EFLAND	27243	NC
55-67-0027	SNIPES BROS	46	HILLSBOROUGH	27278	NC
55-67-0028	BEN LLOYD	46	EFLAND	27243	NC
55-67-0031	SHELTON L RAY	46ROUTE 1	CHAPEL HILL	27514	NC
55-67-0032	FRANK MILLER	ROUTE 2	HILLSBOROUGH	27278	NC
55-67-0035	KIRK BROTHERS	ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0038	LASLEY BROTHERS	46ROUTE 2	MEBANE	27302	NC
55-67-0060	C C ATWATER & SONS	ROUTE 1	CHAPEL HILL	27514	NC
55-67-0067	GEORGE DODSON	46ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0068	MAPLE VIEW FARM	ROUTE 3	HILLSBOROUGH	27278	NC
55-67-0084	GIRLS-BETH FARM	ROUTE 1	EFLAND	27243	NC
55-74-0007	W H WATSON	ROUTE 1	TRYON	28782	NC
55-74-0009	GILBERT SMOTHERS	ROUTE 1	LANDRUM	29356	SC
55-75-0014	R S DAVIS AND SONS	53ROUTE 1	RANDLEMAN	27317	NC
55-75-0027	R L FARLOW & SON	414 ALDRIDGE RD	HIGH POINT	27660	NC
55-75-0030	MEREDELL FARM	ROUTE 1	LIBERTY	27298	NC
55-75-0053	WINDY HILL FARM	53ROUTE 1	RANDLEMAN	27317	NC
55-78-0021	J E & R E WALKER	ROUTE 2	REIDSVILLE	27320	NC
55-78-0023	ROY SOUTHARD & SONS	31ROUTE 2	STOKESDALE	27357	NC
55-79-0005	W S WETHORE AND SONS	56	WOODLEAF	27054	NC
55-79-0006	WARREN E MYERS	RFD 1 BOX 32	CLEVELAND	27013	NC
55-79-0014	PIEDMONT RESEARCH STA	63% DAIRY SUPV RTE	SALISBURY	28144	NC
55-79-0017	ED GREBLE	RFD 1	RICHFIELD	28137	NC
55-79-0020	GEORGE L HOFFNER	56ROUTE 1	MT ULLA	28125	NC
55-79-0029	JUSTICE J WILLIAMS	56ROUTE 1 BOX 29	CLEVELAND	27013	NC
55-79-0053	SAMUEL SLOOP	56ROUTE 1	MT ULLA	28125	NC
55-79-0060	MR & MRS B N FLEMING	RT 2	CLEVELAND	27013	NC

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
55-79-0062	SILLIMAN'S DAIRY	56ROUTE 1	CHINA GROVE	28023	NC
55-79-0072	BEN & TED LUTHER	ROUTE 1 BOX 225	MT ULLA	28125	NC
55-79-0076	JAMES H GUY	56RT 1	MT ULLA	28125	NC
55-80-0001	JACK G KRAUSE	FLINT WOOD FARMS	UNION MILLS	28167	NC
55-83-0017	BURLESON BROTHERS DAIRY	RT 3	ALBEMARLE	28001	NC
55-83-0021	ROBERT E LOWDER & SON DA	ROUTE 1	NORWOOD	28128	NC
55-83-6035	J T MABRY & SON	61ROUTE 1	NORWOOD	28128	NC
55-85-0018	PLESS HODGES	ROUTE 1	DOBSON	27017	NC
55-89-0004	MELVIN L OUTEN	ROUTE 9	MONROE	28110	NC
55-89-0041	BRASWELLS DAIRY	ROUTE 3	MONROE	28110	NC
55-91-0005	J R NIPPER AND SONS	67RFD 1	RALEIGH	27609	NC
55-91-0010	DOROTHEA DIX HOSPITAL	ATTN FARM MANAGER	RALEIGH	27602	NC
55-91-0017	FRANKS & WOMBLE	ROUTE 1	APEX	27502	NC
55-91-0027	MRS T L PIERCE & SON	67ROUTE 1 BOX 288	APEX	27502	NC
55-91-0035	BROADWELL FARMS	BOX 266 ROUTE 3	FUQUAY VARINA	27526	NC
55-91-0046	RANDLEIGH FOUNDATION	232 POLK HALL	RALEIGH	27607	NC
55-91-0047	EARL H BREVOORT	ROUTE 3	WAKE FOREST	27587	NC
55-91-6003	N C STATE UNIVERSITY	N C STATE UNIV	RALEIGH	27607	NC
55-91-6006	KILDAIRE FARM	ROUTE 1 BOX 700	CARY	27511	NC
55-91-6048	KILDAIRE FARM	ROUTE 1 BOX 700	CARY	27511	NC
55-95-0006	CHERRY HOSPITAL	62ATTN EARL RADFOR	GOLDSBORO	27530	NC
55-97-0001	FRED M EAGLES	RT 3 P O BOX 335	WILSON	27893	NC
55-98-0043	GRANDON FARMS	RT 3	YADKINVILLE	27055	NC
56-01-0005	MILFORD BROTHERS DAIRY	ROUTE 4	ABBEVILLE	29620	SC
56-02-0005	S E HAMLET	BOX 464	NORTH AGUSTA	29841	SC
56-03-0006	T R HAWKINS	P O BOX 6	ULMER	29849	SC
56-04-0008	HENRY S GLENN	RFD 7	ANDERSON	29621	SC
56-04-0014	HARRY R MURBAUGH	0ROUTE 1	LIBERTY	29657	SC
56-04-0038	C C ELROD	ROUTE 8	GREENVILLE	29611	SC
56-04-0042	OAK HILL DAIRY FARM	ROUTE 4	ANDERSON	29621	SC
56-04-0044	FRED O MCCOWN JR	RT 4	ANDERSON	29621	SC
56-05-0006	A E HUGGINS AND SONS	0ROUTE 1	DENMARK	29042	SC
56-05-0010	EDISTO FARMS	UNIT 1	DENMARK	29042	SC
56-05-0011	EDISTO FARMS	0	DENMARK	29042	SC
56-05-0041	ELLIS S WOMACK	RT 2 BOX 108	COPE	29038	SC
56-14-0012	RALPH V GRAHAM	RT 1	ALCOLU	29001	SC
56-16-0001	MILTON H ANDERSON JR	R F D 4	TIMMONSVILLE	29161	SC
56-16-0018	GREEN ACRE FARM INC	RT 4 BOX 343	DARLINGTON	29532	SC
56-18-0006	TUPPERWAY FARM	ROUTE 1 BOX 378	SUMMERVILLE	29483	SC
56-19-0006	J M DORN JR	ROUTE 3-BOX90	EDGEFIELD	29824	SC
56-21-0012	R H GODWIN AND SON	ROUTE 1	COWARD	29530	SC
56-23-0002	BLAKELY DAIRY FARM	ATT R W BLAKELY	PIEDMONT	29673	SC
56-23-0010	MAURICE B HENSON	ROUTE 2	GREER	29651	SC
56-24-0030	R L STEER	ROUTE 2	NINETY-SIX	29666	SC
56-25-0018	SEODHR FARM	ATT BRITT RHODES	ESTILL	29918	SC
56-27-0012	GREGORIE NECK PLANT	ATTN PAUL FREEMA	COOSAWHATCHIE	29912	SC
56-30-0003	D E BROWN & FAMILY	RT 2	LAURENS	29360	SC
56-30-0028	THORNWELL ORPHANAGE	OLUSH ACRES FARM	CLINTON	29325	SC
56-30-0038	WHITTEN VILLAGE DAIRY	0	CLINTON	29325	SC
56-31-0004	ED B BASKIN	BOX 503	BISHOPVILLE	29010	SC
56-31-0008	FRANK H FLOWERS JERSEY	RT 1 BOX 83	OSWEGO	29121	SC
56-31-0015	A L MCCASKILL JR	ROUTE 4	BISHOPVILLE	29010	SC
56-34-0028	GORDON W NEWTON	0	TATUM	29594	SC
56-36-0001	HENRY ANDERSON	ROUTE 3	NEWBERRY	29108	SC
56-36-0011	W O CROMER & SON	00ROUTE 1	NEWBERRY	29108	SC
56-36-0012	BISHOP BROS	RT 3	NEWBERRY	29108	SC
56-36-0017	MYRTLEDALE FARM	ROUTE 4 BOX 1058	NEWBERRY	29108	SC
56-36-0023	HENRY L PARR	ROUTE 3	NEWBERRY	29108	SC
56-36-0024	W W PARR	00ROUTE 4	NEWBERRY	29108	SC
56-36-0025	HAROLD L PITTS	RT 3	NEWBERRY	29108	SC
56-36-0026	SAND HILL FARM ATTN:	00W W LONGSHORE	SILVERSTREET	29145	SC
56-36-0027	FRANK M SENN & SONS	00ROUTE 3	NEWBERRY	29108	SC
56-36-0028	A F BUSBY	0ROUTE 3	NEWBERRY	29108	SC
56-36-0035	C M SATTERWHITE	RFD #3	NEWBERRY	29108	SC
56-36-0037	JEFF WALDROP	00RT 3	NEWBERRY	29108	SC
56-36-0038	DAVID WALDROP	00RT 1	SILVERSTREET	29145	SC
56-36-0040	W CHARLES MCGINNIS	00	KINARDS	29355	SC
56-36-0051	BUSH RIVER JERSEYS	RTE 3	NEWBERRY	29108	SC
56-38-0003	H T CORBETT	ROUTE 1	SPRINGFIELD	29146	SC
56-38-0007	R E DAREN	ROUTE 3	ORANGEBURG	29115	SC
56-38-0008	LITTLE RIVER FARMS NO 1	ROUTE 1	NORWAY	29113	SC
56-38-0027	S W GRAMLING		BOWMAN	29018	SC
56-38-0036	T W GRAY	0	CORDOVA	29039	SC
56-38-0056	COBURG DAIRY	ROUTE 2 BOX 108	COPE	29038	SC
56-38-0069	HAMPTON WHETSELL	00RT 2 BOX 102-A	BOWMAN	29018	SC
56-38-0072	WAYNOR FARMS		NORWAY	29113	SC
56-39-0019	CLEMSON UNIVERSITY GUR	0DAIRY DEPARTMENT	CLEMSON	29631	SC
56-39-0020	CLEMSON UNIVERSITY HOL	0DAIRY DEPARTMENT	CLEMSON	29631	SC
56-39-0021	CLEMSON UNIVERSITY JER	0DAIRY DEPARTMENT	CLEMSON	29631	SC
56-40-0015	EDWARD L HEATH	ROUTE 2	HOPKINS	29601	SC
56-40-0020	LAURINTON DAIRY FARM	TTN S E MCGREGOR	HOPKINS	29061	SC
56-41-0005	GEORGE COLEMAN	ROUTE 5	SALUDA	29138	SC
56-41-0006	G MELLWOOD COLEMAN	R F D 5	SALUDA	29138	SC
56-41-0008	J P BUTLER	ROUTE 2	SALUDA	29138	SC
56-41-0012	R F HIPP	ROUTE 4	SALUDA	29138	SC

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
56-41-0015	GEORGE W FOWLER	ROUTE 1	SALUDA	29138	SC
56-41-0017	ROY LONG	ROUTE 5	SALUDA	29138	SC
56-41-0018	HOMER S BUFFINGTON	RT 3	SALUDA	29138	SC
56-41-0020	FRED T MILLS	OORT 1	SALUDA	29138	SC
56-41-0025	NICHOLS & LONGSHORE	ROUTE 1	SALUDA	29138	SC
56-41-0027	T C RANKIN		SALUDA	29138	SC
56-41-0028	FRAZIER RILEY	OOROUTE 1	SALUDA	29138	SC
56-41-0043	LONG MEADOW FARMS INC	OOP O BOX 626	SALUDA	29138	SC
56-41-0044	ROY LONG HOLSTEINS	ROUTE 5	SALUDA	29138	SC
56-41-0056	BOBBY W HIPP-HOL	R 1	SALUDA	29138	SC
56-42-0010	RONALD GASTON	ROUTE 3	WOODRUFF	29388	SC
56-42-0012	BEN GRANLING	BOX 26	GRANLING	29348	SC
56-42-0037	CROSS ARROWS FARM	ROUTE 1	ENOREE	29335	SC
56-43-0003	BONDALE FARM	ROUTE 5 BOX 144	SUMTER	29150	SC
56-43-0012	C J GULLEDGE	BOX 45	WEDGEFIELD	29168	SC
56-43-0026	S C DEPT OF CORRECTIONS	OOUNIT C DAIRY	BOYKIN	29019	SC
56-46-0022	CLOVER SPRING FARM	ROUTE 3	CLOVER	29710	SC
56-46-0037	J P ROGERS	OOROUTE 5	ROCK HILL	29730	SC
56-46-0036	BOBBY K STURGIS	ROUTE 1 BOX 3	ROCK HILL	29730	SC
57-02-0002	GEORGE B TATUM	ROUTE 3	NICHOLLS	31554	GA
57-06-0011	A JOE TIDWELL JR	ROUTE 1	LIZELLA	31052	GA
57-06-0015	B F NEWBERRY JR	BOX 240	LIZELLA	31052	GA
57-10-0003	H H BOYCE & SONS	0	BLYTHE	30805	GA
57-10-0015	PINELAND DAIRY		WAYNESBORO	30830	GA
57-12-0525	JAMES & BOB CAMP	ROUTE 3	BOWDON	30108	GA
57-15-0001	FRANK BANDY	0	TRION	30753	GA
57-16-0002	WILLIS L JONES	RT 3	ATHENS	30601	GA
57-16-0007	H E WOOD		WINTERVILLE	30683	GA
57-16-0008	UNIV OF GA DAIRY FARM	OODR CARL M CLIFTO	ATHENS	30601	GA
57-16-0009	UNIV OF GA DAIRY FM NO 1	OODR CARL M CLIFTO	ATHENS	30601	GA
57-21-0501	DR J H ARNOLD	BOX 393	NEWNAN	30263	GA
57-21-0512	ADAMSON DAIRY		SHARPSBURG	30277	GA
57-21-0513	PAT OTT	RT 3 BOX 332 A	NEWNAN	30263	GA
57-25-0014	MATHIS CERT DAIRY	OOATTN JACK MATHIS	DECATUR	30032	GA
57-31-0502	JAMES F DEAL DIRECTOR	DRAWER B BERRY COL	MT BERRY	30149	GA
57-35-0501	N W GA EXP STATION	P O BOX 410	CALHOUN	30701	GA
57-36-0507	BURT HENSLEY	RT 2 BOX 180 A	GREENSBORO	30642	GA
57-40-0501	MACHILS DAIRY	RT 2	FRANKLIN	30217	GA
57-41-0007	J C CARTER	TURNERS CHURCH RD	MCDONOUGH	30253	GA
57-41-0009	H M BRODER	OOHORSE SHOE FARM	STOCKBRIDGE	30281	GA
57-41-0020	DON SELMAN	ROUTE 3	MCDONOUGH	30253	GA
57-43-0021	CLIFFOD M AIKEN	OOAIKEN DAIRY	SHADY DALE	31085	GA
57-43-0025	JAMES L CRENSHAW	ROUTE 2 BOX 378	MONTICELLO	31064	GA
57-44-0523	GLENN PETERS	OOR F D	WRENS	30434	GA
57-45-0003	E S GAY & SONS	ORFD 3 BOX 294	MILLEN	30442	GA
57-53-0504	RUFUS L YODER	0	MONTEZUMA	31063	GA
57-53-0505	WILLIAM N YODER	ROUTE 1	MONTEZUMA	31063	GA
57-53-0508	LLOYD SWARTZENTRUBER	RFD 1	MONTEZUMA	31063	GA
57-53-0510	BRENNAMAN FARMS	OOROUTE 1	MONTEZUMA	31063	GA
57-53-0512	FLOYD E YODER	RFD 1	MONTEZUMA	31063	GA
57-53-0513	WHITEHOUSE FARMS	OOROUTE 2	MONTEZUMA	31063	GA
57-53-0515	ALVA E YODER	OOROUTE 1	MONTEZUMA	31063	GA
57-53-0517	MYRTLE CREEK FARMS	ROUTE 1 BOX 79	MONTEZUMA	31063	GA
57-53-0520	ENOS SWARTZENTRUBER	ROUTE 1	MONTEZUMA	31063	GA
57-53-0521	MARK D BRENNEMAN	R F D 1	MONTEZUMA	31063	GA
57-53-0525	CLAUDE E YODER		MONTEZUMA	31063	GA
57-53-0526	ELI L KAUFFMAN	ROUTE 1 BOX 103-A	MONTEZUMA	31063	GA
57-53-0527	MELVIN R YODER	RTE 1	MONTEZUMA	31063	GA
57-53-0531	MENNO YODER	BOX 85	MONTEZUMA	31063	GA
57-53-0535	RUFUS L YODER #2	0	MONTEZUMA	31063	GA
57-55-0001	HENRY J BARNES	ROUTE 1	GREENVILLE	30222	GA
57-56-0506	WESTHAVEN FARM	RT 1 BOX 51	CAMILLA	31730	GA
57-59-0001	BENNETT AND THOMAS	P O BOX 548	MADISON	30650	GA
57-59-0014	CALLAWAY & CABANISS	OOROUTE 4	MADISON	30650	GA
57-59-0019	HOYT H HOWARD	RT 1	NEWBORN	30262	GA
57-59-0030	J N LECKIE & SON	00	SHADYDALE	31085	GA
57-59-0032	GRADY MOON	ROUTE 3	GODFREY	30640	GA
57-61-0008	T M EWING	ROUTE 4 BOX 125	COVINGTON	30209	GA
57-61-0032	T L MARKS & SONS	00	MANSFIELD	30255	GA
57-64-0003	CLEARBRANCH FARM	R F D 1	FT VALLEY	31030	GA
57-64-0005	WAYNE STOFFELL	ROUTE 1	FT VALLEY	31030	GA
57-66-0016	JAMES I CASEY	ROUTE 3	CEDARTOWN	30125	GA
57-67-0025	WINFORD LITTLE	BOX 222A	EATONTON	31024	GA
57-69-0502	GORDON DEAN	OOROUTE 6 BOX 72 A	CONYERS	30207	GA
57-73-0022	R E CHAPMAN	ROUTE 1 BOX 507	GRIFFIN	30223	GA
57-80-0001	H P RUSSELL JR	ROUTE 1	BOSTON	31626	GA
57-81-0001	COASTAL PLAIN EXP STA	DAIRY DEPARTMENT	TIFTON	31794	GA
57-81-0003	COASTAL PLAIN EXP STA #2	OODAIRY DEPT	TIFTON	31794	GA
57-83-0504	CHARLES W HUNT	OORT 2	LAGRANGE	30240	GA
57-88-0001	BREEDLOVES DAIRY	ROUTE 3	MONROE	30655	GA
57-88-0026	MATHIS DAIRY #3	RT 2	MONROE	30655	GA
58-01-0055	HI HOPE FARM JASMERE GUE	ROUTE 2	GRACEVILLE	32440	FL
58-03-0001	DINSMORE DAIRY CO INC	06501 DUNNS AVE	JACKSONVILLE	32218	FL
58-03-0042	MIL WIN BETA UNIT	ORANGEDALE RT BX70	GREEN COVE SPR	32043	FL
58-03-9030	UNIV FLA JERSEY UNIT	DAIRY SCIENCE DEPT	GAINESVILLE	32601	FL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
58-04-0001	H H JACOBS	1035 N HILL AVE	DELAND	32720	FL
58-05-0006	LAYLAINE GUERNSEY FARM	BOX 146	ASTATULA	32705	FL
58-05-0010	FIARGLADE JERSEY DAIRY	RT 1 BOX 287	OVIEDO	32765	FL
58-05-0028	T G LEE FARMS INC #2	5705 BEARHEAD ROAD	ORLANDO	32809	FL
58-05-0037	OAKLAWN DAIRY INC # 2	RT 1 BOX 351	SORRENTO	32776	FL
58-05-0038	FAIRGLADE HOLSTEINS	BOX 287	OVIEDO	32765	FL
58-06-0028	JOHN A PEACHEY	0ROUTE 3 BOX 102	SARASOTA	33580	FL
58-07-0006	WALTER SCHMID	P O BOX 182	TALLEVAST	33588	FL
58-08-0005	PENNWOOD FARMS INC	P O BOX 362 JERS	PALM CITY	33490	FL
58-08-0045	WOLFF BROS DAIRY	ROUTE 3 BOX 170	OKEECHOBEE	33472	FL
58-09-0022	BASSETTS DAIRY HOLSTEIN	OP O BOX 188	MONTICELLO	32344	FL
58-09-0027	BASSETTS DAIRY BROWN SWI	P O BOX 188	MONTICELLO	32344	FL
58-12-0030	EDWARD,S DAIRY INC	P O BOX 442	ELFERS	33589	FL
58-16-0056	ALVAREZ JERSEY DAIRY	13911 ALVAREZ ROAD	JACKSONVILLE	32210	FL
58-49-0039	HI-ISLE DAIRY	RT 1 BOX 125	KISSIMMEE	32741	FL
61-02-0033	HOMER TURNER & SONS	ROUTE 5	LEXINGTON	40502	KY
61-03-0001	EASTERN KENTUCKY UNIVERS	10	RICHMOND	40475	KY
61-06-0002	MURRAY STATE COLLEGE	01DAIRY FARM	MURRAY	42071	KY
61-06-0004	BLALOCK AND WHITE	ROUTE 4	MURRAY	42071	KY
61-06-0009	WILL ED HENDON	01ROUTE 5	MURRAY	42071	KY
61-06-0025	CHARLES B STARK	ROUTE 2	MURRAY	42071	KY
61-06-0032	W D MCCUISTION	01ROUTE 5	MURRAY	42071	KY
61-06-0037	JIM STAHLER	01ROUTE 5	MURRAY	42071	KY
61-06-0041	CARVES PASCHALL	ROUTE 2	HAZEL	42049	KY
61-06-0051	SHERWOOD POTTS	ROUTE 7	MAYFIELD	42066	KY
61-08-0007	WOODS GOVER & SON	09% JAMES T GOVER	RT 2 STANFORD	40484	KY
61-08-0010	W O PAYNE	BOX 281	DANVILLE	40422	KY
61-08-0050	TATE AND SPOONAMORE	RFD 2	STANFORD	40484	KY
61-08-0077	CLYDE D HANNAH	09BOX 244	KINGS MOUNTAIN	40442	KY
61-09-0016	W M KINDER & SON	11ROUTE 2	MAYS LICK	41055	KY
61-09-0028	W B WORTHINGTON	11ROUTE 1	MAYS LICK	41055	KY
61-09-0034	CHARLES ALLISON & SON	11ROUTE 1	MAYSLICK	41055	KY
61-10-0043	AURTHA RAY GORDON & SON	ROUTE 1	CRITTENDEN	41030	KY
61-10-0045	JOE COLSON AND SONS	08ROUTE 1	CORINTH	41010	KY
61-11-0003	R B JAGGERS & SON	06	GLENDALE	42740	KY
61-12-0006	A O DAVIS KY PENITENT	20DEPT CORRECTION	FRANKFORT	40601	KY
61-12-0007	A O DAVIS KY REFORMATORY	DEPT CORRECTION	FRANKFORT	40601	KY
61-13-0001	W C & F S BLANTON	06ROUTE 2	HOPKINSVILLE	42748	KY
61-13-0007	RAYMOND MCDOWELL & SON	ROUTE 2	MAGNOLIA	42757	KY
61-13-0017	BARNEY HORNBACK	111OPAWNEE DRIVE	ELIZABETHTOWN	42701	KY
61-13-0018	T H KENNADY	06ROUTE 3	HOPKINSVILLE	42748	KY
61-14-0015	WILKINS & ROBERSON	04GREEN DOWNS INC	RT 1 OAKVILLE	42263	KY
61-14-0027	JAMES W DAVENPORT JR	ROUTE 2	ADAIRVILLE	42202	KY
61-14-0410	RAY NEELY	04ROUTE 1	AUBURN	42206	KY
61-15-0038	GENE LANHAM	06RFD	GRAVEL-SWITCH	40328	KY
61-16-0023	ROBERT SMITH	08ROUTE 1	UNION	41091	KY
61-18-0001	PAUL R MCCARTHY	7416 OLD HEADY RD	JEFFERSONTOWN	40299	KY
61-18-0039	ORION BROADCASTING CO	ROUTE 1	PROSPECT	40059	KY
61-19-0001	JOHN A MOSER	80X560	LOUISVILLE	40222	KY
61-19-0015	ERNEST L HARRIS	BOX 188	PROSPECT	40059	KY
61-19-0032	DONALD R RICE	RT 2 BOX 128	CRESTWOOD	40014	KY
61-19-0060	BROYLES BROS	RT 2 BOX 196	PROSPECT	40059	KY
61-20-0002	JESS MAINSCOTT	08ROUTE 3	OWENTON	40359	KY
61-23-0024	MAURICE SIMS	RT 1	SEDALIA	42079	KY
61-23-0025	CALDWELL BROTHERS	ROUTE 1	HELBER	42069	KY
61-23-0026	SAM HOWARD	ROUTE 1	MAYFIELD	42066	KY
61-23-0027	CHARLES E HOBBS & SONS	ROUTE 2	MAYFIELD	42079	KY
61-23-0030	HERMAN CUDE	ROUTE 2	HICKORY	42051	KY
61-24-0001	HARVEY L DUVALL	24	FINCHVILLE	40022	KY
61-24-0008	MCDOWELL & MCDOWELL	07ROUTE 1	FINCHVILLE	40022	KY
61-24-0010	R D SHIPMAN	24ROUTE 2	SHELBYVILLE	40065	KY
61-24-0018	J L COOTS AND SON	07ROUTE 1	FINCHVILLE	40022	KY
61-24-0020	J E NORRENBROCK	07ROUTE 1	FINCHVILLE	40022	KY
61-24-0066	BRICE & LUCILLE BROWN	07ROUTE 2	SMITHFIELD	40068	KY
61-24-0067	RALPH PEED	07ROUTE 2	SHELBYVILLE	40065	KY
61-24-0074	ROBERT & DAVID CONNOR	07ROUTE 1	FINCHVILLE	40022	KY
61-24-0078	JOHN E KALHEY	ROUTE 5	SHELBYVILLE	40065	KY
61-24-0129	JAMES COX	ROUTE 3	SHELBYVILLE	40065	KY
61-24-0130	WAYNE G MILLER	07ROUTE 2	SHELBYVILLE	40065	KY
61-24-0138	RALPH SAGESER	RT 5	SHELBYVILLE	40065	KY
61-24-0145	EUGENE W SANFORD	ROUTE 5	SHELBYVILLE	40065	KY
61-24-0149	CARL RAY PERRY	ROUTE 4	SHELBYVILLE	40065	KY
61-24-0166	DAVID & JOSEPH PEED	RT 2	SHELBYVILLE	40065	KY
61-25-0003	DR L F BEASLEY	04RIVERSIDE FARM	FRANKLIN	42134	KY
61-25-0006	RAY CUMMINGS	04ROUTE 3	FRANKLIN	42134	KY
61-25-0010	KENNETH GARRETT	04	MITCHELVILLE	37119	TN
61-25-0011	A AND H FARM	ROUTE 4	FRANKLIN	42134	KY
61-25-0034	HAROLD JEPSON & SONS	04ROUTE 2	FRANKLIN	42134	KY
61-25-0042	LYNN & MARVIN CAUDILL	ROUTE 4	FRANKLIN	42134	KY
61-25-0043	TOM RUSEY	ROUTE 3	FRANKLIN	42134	KY
61-26-0022	W H & H A HARDIN	ROUTE 1	TAYLORSVILLE	40071	KY
61-27-0006	MOSS BROS	35ROUTE 5	CAMPBELLSVILLE	42718	KY
61-27-0021	WALTER AND LEWIS WAGONER	ROUTE 1	CAMPBELLSVILLE	42718	KY
61-27-0027	CHARLES A SHIVE	ROUTE 4	CAMPBELLSVILLE	42718	KY
61-27-0028	HENRY LEE COLVIN & SON	ROUTE 3	CAMPBELLSVILLE	42718	KY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
61-27-0032	COY EASTRIDGE & SON	05	CASEY CREEK	42723	KY
61-28-0003	WESTERN KENTUCKY UNIT	NASHVILLE ROAD	BOWLING GREEN	42101	KY
61-28-0046	ROBERT E CHURCH & SON	04	WOODBURN	42170	KY
61-28-0051	LARRY HUTTER	ROUTE 4	BOWLING GREEN	42101	KY
61-29-0027	JOHN B MATTINGLEY	ROUTE 2	SPRINGFIELD	40069	KY
61-29-0040	LOUIS MUDD	06ROUTE 1	SPRINGFIELD	40069	KY
61-29-0048	TINGLE & LEWIS	ROUTE 1	WILLISBURG	40078	KY
61-30-0003	WILLIAM KUEGEL	ROUTE 3	OWENSBORO	42301	KY
61-30-0004	CLAUDE NEWMAN	RT 1	PHILPOT	42366	KY
61-30-0005	WILLIAM MARKSBERRY	03ROUTE 1	PHILPOT	42366	KY
61-30-0006	R H & ROBERT S STUART	RT 1	OWENSBORO	42301	KY
61-30-0008	JOHN KUEGEL	RT 5	OWENSBORO	42301	KY
61-30-0014	EVANS H TRUITT	03ROUTE 7	OWENSBORO	42301	KY
61-30-0023	LUCKETTS DAIRY	RT 2	UTICA	42376	KY
61-30-0026	MARION SPARKS	03ROUTE 2	OWENSBORO	42301	KY
61-30-0032	JOSEPH H ALLEN	30ROUTE 1	SEBREE	42455	KY
61-31-0001	H H BARLOW JR	04ROUTE 2	CAVE CITY	42127	KY
61-31-0057	WM S TERRY III	ROUTE 1	CAVE CITY	42127	KY
61-33-0012	GROVER GILPIN	05218 FAIR GROUND	COLUMBIA	42728	KY
61-34-0002	WAYLAND H WATKINS		EMINENCE	40019	KY
61-34-0013	WILSON & HASFURDER	RT 1	EMINENCE	40019	KY
61-34-0027	GEO JONISCHKIES	07	SULPHUR	40070	KY
61-34-0044	FRANK MCKEE & MCKEELAND	RT 2	EMINENCE	40019	KY
61-34-0057	WILLIS BARMORE & SON	BATES LANE	SMITHFIELD	40068	KY
61-38-0008	BOBBY SLAYDEN	01ROUTE 1	CLINTON	42031	KY
61-40-0017	ABBEY OF GETHSEMANI	06	TRAPPIST	40073	KY
61-41-0037	C L HIX & SONS		SCOTTSVILLE	42164	KY
61-42-0001	JAMES STEARMAN & SONS	ROUTE 3	GREENSBURG	42743	KY
61-42-0020	ROLLIN H SHUFFETT & SONS	42ROUTE 1 BOX 239	GREENSBURG	42743	KY
61-50-0002	EDWARD MULLINS & SON	35ROUTE 1	YOSEMITE	42566	KY
61-52-0505	TIM BARNES	ROUTE 3	BEAVER DAM	42320	KY
61-55-0009	CARL SHACKELFORD	02	TRENTON	42286	KY
61-55-0025	BEN J KANAGY	RT 2	GUTHRIE	42234	KY
61-59-0001	GEORGE DYE	11ROUTE 1	FLEMINGSBURG	41041	KY
61-60-0046	HERBERT & BILL RANSDELL	ROUTE 1	SALVISA	40372	KY
61-60-0084	C D RANSDELL JR	09ROUTE 1	SALVISA	40372	KY
61-62-0032	C E GIBSON	ROUTE 5	PARIS	40361	KY
61-63-0036	STUART P BERRYMAN	10ROUTE 2	NICHOLSVILLE	40356	KY
61-63-0057	ROBERT THOMPSON JR	10ROUTE 1	WILMORE	40390	KY
61-72-0022	MRS E C GAMBLE	09HAPPY VALLEY RT	HARRODSBURG	40330	KY
61-73-0065	ART'S DAIRY FARM	09JAMES & WAYNE AR	PAINT LICK	40461	KY
61-74-0010	JERRY FOLTZ	374 MARMIL CIRCLE	EDGEWOOD	41017	KY
61-76-0027	BOBBY POOL	01ROUTE 2	LACENTER	42056	KY
61-99-0001	U K HOL COLDSTREAM HERD	RT 6 GEORGETOWN RD	LEXINGTON	40505	KY
61-99-0003	UNIV KY JER COLDSTREAM H	RT 6 GEORGETOWN RD	LEXINGTON	40505	KY
63-01-0010	DR CYRUS KENDALL	ROUTE 1	HENDERSONVILLE	37075	TN
63-03-0003	R O DAVIS	ROUTE 1	WALLAND	37886	TN
63-03-0014	JAMES MESSLER	ROUTE 2	GREENBACK	37742	TN
63-03-0021	UNIV OF TENN NO 2	00DAIRY DEPARTMENT	KNOXVILLE	37916	TN
63-03-0022	UNIV OF TENN NO 1	00DAIRY DEPARTMENT	KNOXVILLE	37916	TN
63-03-1007	KYLE IRVIN	RT 1	HEISKELL	37754	TN
63-03-1011	NEAL SCARLETT	AND SON # 1	NEW MARKET	37820	TN
63-03-1017	E H BUTLER & SONS	ROUTE 17	KNOXVILLE	37921	TN
63-03-1024	FOREST HILL FARM	PLEASANT RIDGE R	KNOXVILLE 21	37912	TN
63-03-1120	HUBERT TREECE		CORRYTON	37721	TN
63-05-0001	W J ALLEN	ROUTE 1	ELIZABETHTON	37643	TN
63-05-0016	PINEMONT FARMS INC		BRISTOL	24201	VA
63-06-0012	PAUL BASKETT	ROUTE 6	JONESBORO	37659	TN
63-06-0017	H M & HENRY WALKER	00ROUTE 6	JONESBORO	37659	TN
63-06-0022	ROY L CHAPMAN	ROUTE 2	JONESBORO	37659	TN
63-06-0024	RAY CRAWFORD	ROUTE 4	LIMESTONE	37681	TN
63-06-0030	WASHINGTON COLLEGE ACADE	R4	WASHINGTON CLGE	37693	TN
63-06-1130	C D WILLIAMS JR	ROUTE 1	TELFORD	37690	TN
63-07-0006	JAMES TOMLINSON	R 4	JACKSON	38301	TN
63-07-0007	WEST TENN EXP STATION	00	JACKSON	38301	TN
63-08-0011	HOYT OWEN	ROUTE 7	MURFREESBORO	37130	TN
63-08-0015	GILMAC FARM	ROUTE 2	MURFREESBORO	37130	TN
63-08-0032	MIDDLE TENN ST UNIV	0% AGRICULTURE DE	MURFREESBORO	37130	TN
63-08-0045	C T & JOHN TILFORD	ROUTE 4	MURFREESBORO	37130	TN
63-08-0046	EDWIN TODD JR	ROUTE 1	MURFREESBORO	37130	TN
63-09-0005	CLEBURNE JERSEY FARM	00BOX 68	SPRING HILL	37174	TN
63-09-0007	MIDDLE TENN EXP STA	BOX 1	SPRING HILL	37174	TN
63-09-0010	H C ALEXANDER	ROUTE 1	WILLIAMSPORT	38487	TN
63-11-0003	GEORGE E SISKE & SON	ROUTE 3	CLARKSVILLE	37040	TN
63-11-0004	HENRY B WILLIAMS	00ROUTE 4	CLARKSVILLE	37040	TN
63-12-0016	J E WADDELL	ROUTE 4	GREENEVILLE	37743	TN
63-12-0017	JOHN W MASSENGILL	ROUTE 3	CHUCKEY	37641	TN
63-12-0058	TOMMY CAMPBELL	ROUTE 1	LIMESTONE	37681	TN
63-13-0007	J A HADLEY		RUTHERFORD	38369	TN
63-13-0010	MALCOLM BELL AND SON	ROUTE 2	FRIENDSHIP	38034	TN
63-13-0014	J S PUTMAN & SON	ROUTE 2	FRIENDSHIP	38034	TN
63-13-0017	CUNNINGHAM & WHITE	ROUTE 2	ATWOOD	38220	TN
63-13-0024	BEN P HAZLEWOOD	ROUTE 3	HUMBOLDT	38369	TN
63-14-1001	FRANK LANGFORD	R-3	GALLATIN	37066	TN
63-17-0002	BURNETTE & HIXSON	MRS C BURNETTE R	FULTON	42041	KY

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
63-17-0007	BURROW FARMS	RT 5	FULTON	42041	KY
63-17-0020	HAROLD GRIFFIN	ROUTE 4	FULTON	42021	KY
63-17-0026	ROBERTS DAIRY FM	RT 1	CLINTON	42031	KY
63-17-0027	PHARIZELL FARMS	RT 1	CLINTON	42031	KY
63-17-0029	BURROW FARM HOLSTEIN HER	ROUTE 5	FULTON	42041	KY
63-19-0011	MILTON HUMBERD	ROUTE 4	CLEVELAND	37311	TN
63-19-0031	JOE HARRIS	ROUTE 2	CLEVELAND	37311	TN
63-19-0048	CAROLINE MCKENZIE	BOX 158A RT 4	CLEVELAND	37311	TN
63-20-0001	MELVIN WHITE		COLLEGE GROVE	37046	TN
63-22-0005	UNIVERSITY OF TENN	OOMARTIN BRANCH NO	MARTIN	38237	TN
63-22-0006	UNIVERSITY OF TENN	OOMARTIN BRANCH #	MARTIN	38237	TN
63-22-0017	HAROLD LLOYD BELL	ROUTE 3	DRESDEN	38225	TN
63-22-0024	NIELSEN FARMS	R-1	MARTIN	38237	TN
63-23-0014	HAYFIELD FARMS		ATHENS	37303	TN
63-23-0015	HOLLY HILL FARM		RICEVILLE	37370	TN
63-23-0016	LEE HOUSLEY	RT 1	RICEVILLE	37370	TN
63-23-0018	MRS J R HATTENBARGER	ROUTE 1	DECATUR	37322	TN
63-23-0020	JACK M THOMAS	OMEADOWBROOK FARM	RICEVILLE	37370	TN
63-23-0024	HOMESTEAD FARMS	% C O BROWDER	SWEETWATER	37874	TN
63-23-0035	BOYD TREW	ROUTE 1	DELANO	37325	TN
63-23-0210	JUDSON DAUGHERTY	ROUTE 2	SWEETWATER	37874	TX
63-24-0012	DIXIE FROST FARMS	RT 2	PROSPECT	38477	TN
63-24-0017	THOMPSON BROTHERS	ROUTE 1	LYNNVILLE	38472	TN
63-25-0001	LEONARD BEASLEY	ROUTE 3	CHAPEL HILL	37034	TN
63-25-0005	VIRGIL BEASLEY	0	CHAPEL HILL	37034	TN
63-25-0018	JACK TAYLOR	ROUTE 1	UNIONVILLE	37180	TN
63-26-0008	CLYDE WILSON	RT 1 BOX 84	HOLLOW ROCK	38342	TN
63-26-0018	SIMON A YODER	OOROUTE 1	PARIS	38242	TN
63-26-0022	ROBERT L SMITH	ROUTE 2	COTTAGE GROVE	38224	TN
63-27-0004	ROBERT HALE JR	BENTVIEW FARM	RUSSELLVILLE	37860	TN
63-28-0001	JAMES CLAYTON	ROUTE 2	FAYETTEVILLE	37334	TN
63-28-0010	HEREFORD BROS #1	BOX 16	KELSO	37348	TN
63-28-0021	LOUISE F BROWN	ROUTE 3	PETERSBURG	37144	TN
63-32-0003	H T & JOE M HICKERSON	ROUTE 2	CORNERSVILLE	37047	TN
63-32-0013	J T TAYLOR	ROUTE 2	CHAPEL HILL	37034	TN
63-32-0022	TILDEN COLLINS		LEWISBURG	37091	TN
63-32-0027	TENN UNIV EXP STATION #1	ROUTE 3	LEWISBURG	37091	TN
63-32-1007	C M JONES & SON	OROUTE 4	LEWISBURG	37091	TN
63-32-1009	CLYDE JORDAN	ROUTE 4	LEWISBURG	37091	TN
63-32-1012	NOAH DEHUNBREUN	ROUTE 4	LEWISBURG	37091	TN
63-32-1015	GLENN WOODARD	RT 2	CORNERSVILLE	37047	TN
63-32-1120	TENNESSEE UNIVERSITY EXP	ROUTE 3	LEWISBURG	37091	TN
63-34-0010	DIBRELL BOYD	ROUTE 5	COOKEVILLE	38501	TN
63-36-0004	BOB GARNER	ROUTE 2	ETHRIDGE	38456	TN
63-37-0011	CIRCLE Z FARM	OOED ZIMMERMAN	WINCHESTER	37398	TN
63-37-0014	C E VINCENT	ROUTE 2	WINCHESTER	37398	TN
63-40-1101	ROY WHITE	ROUTE 4	LOUDON	37774	TN
63-41-0011	MELVIN FREEZE	ROUTE 4	MORRISON	37357	TN
63-43-1004	SHADOWLAND FARM	RT 2	BULLSGAP	37711	TN
63-44-0020	NICHOLSON DAIRY FARM	ROUTE 2	JEFFERSON CITY	37760	TN
63-45-0001	WILLIAM MCGIBONEY	ROUTE 1	ROCK ISLAND	38581	TN
63-45-0002	R Q GRANDEY	RT 5	MCMINNVILLE	37110	TN
63-45-0013	WOODEN BROS	RT 5	MCMINNVILLE	37110	TN
63-51-0003	ED & CLAUDE LANCE	ROUTE 2	SWEETWATER	37874	TN
63-51-0006	W B CLEVELAND	OWHITE OAK FM RT	SWEETWATER	37874	TN
63-51-0014	CHESTER & CHESTERS	RT 3	SWEETWATER	37874	TN
63-51-0028	WILLIAM K BRIGHT	ROUTE 1	PHILADELPHIA	37846	TN
63-51-0038	CHEROKEE FARMS INC	OOROUTE 2	SWEETWATER	37874	TN
63-51-1123	JOHN NORRIS	ROUTE 4	MADISONVILLE	37354	TN
63-60-0002	C H GILLEN	ROUTE 1	SPARTA	38583	TN
63-60-0003	VERNAL LAFEVER	RT 5	SPARTA	38583	TN
64-01-0126	J O NORRIS	RT 1	TRUSSVILLE	35173	AL
64-02-0108	JONATHAN WAHL	ROUTE 1	WILMER	36587	AL
64-05-0103	JOHN DILLON AND SONS	ROUTE 1 BOX 2C	FOLEY	36535	AL
64-05-0115	BARR HOFFREN DAIRY	ROUTE 1	FAIRHOPE	36532	AL
64-08-0103	GEORGE A HALLMAN JR	OOROUTE 1	REHLAP	35133	AL
64-08-0106	ORAN MAYNOR	BOX 164	GARDEN CITY	35070	AL
64-08-0112	VICK BROS DAIRY	ROUTE 2	ONEONTA	35121	AL
64-08-0115	J S HAZELRIG	RT 1	CLEVELAND	35049	AL
64-08-0117	R E BISHOP JR	RT 1 BOX 106A	CLEVELAND	35049	AL
64-08-9107	MAX SPIKE	OOROUTE 3	BLOUNTSVILLE	35031	AL
64-12-0102	DAWSON DAY		FIVE POINTS	36855	AL
64-19-0104	ROBERT PARRISH	RT 1	ENTERPRISE	36330	AL
64-25-0102	CARL A PEINHAROT	ROUTE 4	CULLMAN	35055	AL
64-25-0114	EDGAR W CROY	RT 8 BOX 54	CULLMAN	35055	AL
64-28-0105	W L HOWELL & SON	ROUTE 1	FORT PAYNE	35967	AL
64-29-0105	JOHN B NIXON	ROUTE 3	HEFLINPKA	36092	AL
64-29-0123	COUSINS BROS DAIRY	OO	HEFLINPKA	36092	AL
64-29-0134	ROBERT FUGATE & JOHN HUL	ROUTE 2 BOX 328	TALLASSEE	36078	AL
64-36-0123	P A TUTHILER	OO	GREENSBORO	36744	AL
64-38-0102	BUDDY SIMMONS	RT 3 ASHFORD RD	DOTHAN	36301	AL
64-44-0111	L E MCCONNELL	OOROUTE 1	ANDERSON	35610	AL
64-48-0110	CEDARCREST FARMS NO 1	OOATTN AKZI RANKIN	FAUNSDALE	36738	AL
64-48-0111	CEDAR CREST FARMS NO 2	OOATTN JOE RANKIN	FAUNSDALE	36738	AL
64-50-0103	SUNNYSIDE DAIRY FARM	ROUTE 1	BOAZ	35957	AL

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
64-50-0106	BAMA JERSEY FARM	RT 4 BOX 201	ARAB	35016	AL
64-51-0101	HIDDEN ACRES FARM INC	RT 2 BOX 182	ATHORE	36502	AL
64-53-0101	JAMES BRADY	RFD 2 BOX 166	MARION	36756	AL
64-55-0101	J C HARDEN & SONS	OOROUTE 1	BANKS	36005	AL
64-57-0105	JERSEY ISLAND FARM	BOX 800	PHENIX CITY	36867	AL
64-58-0102	J E BEARDEN	RFD 1	HELENA	35080	AL
64-58-0110	MILLER BIG M DAIRY	HAROLD MILLER	VINCENT	35178	AL
64-61-0107	C L COLLINS JR 1	OBOX 359	SYLACAUGA	35150	AL
64-61-0111	R B KENT & SONS NO 1	RT 2 BOX 184A	TALLADEGA	35160	AL
64-61-0112	R B KENT & SON NO 2	ROUTE 2 BOX 184A	TALLADEGA	35160	AL
64-63-0115	R W RYAN	ROUTE 1	COTTONDALE	35453	AL
64-67-0101	H E MCNUTT	ROUTE 1	HALEYVILLE	35565	AL
64-99-0101	DEPT OF DAIRY HUSBANDRY	AUBURN UNIVERSITY	AUBURN	36830	AL
65-02-0021	JOHN GARTRELL		LAKE CORMORANT	38641	MS
65-02-0051	ELMER MASSEY		HORN LAKE	38637	MS
65-03-0017	CUS-GEE GUERNSEY FARM	BOX 559	STATE COLLEGE	39762	MS
65-03-0049	R P HARTNESS	OROUTE 1	STARKVILLE	39759	MS
65-03-0050	BOSWELL KENNARD & SONS	ROUTE 1 BOX 106	STARKVILLE	39759	MS
65-03-0052	F W OAKLEY	OOROUTE 1	STARKVILLE	39759	MS
65-03-0231	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-03-0331	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-03-0431	MISS STATE UNIV	DRAWER DD	STATE COLLEGE	39762	MS
65-04-0010	NELSON WARDELL	STAR ROUTE	BROOKSVILLE	39739	MS
65-04-0013	R BRUCE HENDERSON	RT 2	MACON	39341	MS
65-04-0033	HENRY J YODER	ROUTE 1	MACON	39341	MS
65-05-0008	L D DAVIS	ROUTE 3	LUMBERTON	39455	MS
65-05-0035	FOSTER SMITH	ORT 3 BOX 382	PICAYUNE	39466	MS
65-07-0006	C O HERCHENHAHN & SON	ROUTE 5	HATTIESBURG	39401	MS
65-08-0022	DOUGLAS YELVERTON	0	ARTESIA	39736	MS
65-09-0011	JIM TODD	ROUTE 1	WEST POINT	39773	MS
65-11-0011	CHARLES SPEARS	OOROUTE 2	OSYKA	39657	MS
65-11-0017	JOHN N HONEA	ROUTE 2	OSYKA	39657	MS
65-11-0032	E F CHAPMAN	RT 2 BOX 59	MAGNOLIA	39652	MS
65-12-0007	BUFORD PIGOTT AND SON	ROUTE 2	TYLERTOWN	39667	MS
65-13-0008	E J KINABREW	DORT 1 BOX 237	SUMMIT	39666	MS
65-14-0004	JAMES E & JOHN T LAYTON	ROUTE 3	MAGEE	39111	MS
65-17-0002	JAMES ROWZEE		NEWTON	39345	MS
65-17-0003	E S MASON	OOROUTE 2	NEWTON	39345	MS
65-17-0017	FRANK RICHARDSON	OROUTE 4 BOX 181	UNION	39365	MS
65-17-0035	COASTAL PLAIN EXP STATIO	ROUTE 2	NEWTON	39345	MS
65-17-0036	COASTAL PLAIN EXP STATIO	OHOLSTEIN HERD	NEWTON	39345	MS
65-18-0001	W A BILBO	755 PINE ST	MAGNOLIA	39652	MS
65-18-0004	DOCK SLATON	RT 3	MAGNOLIA	39652	MS
65-18-0008	EUGENE L OTT JR	0	OSYKA	39657	MS
65-18-0014	MAJORIE MCMULLIN DAIRY	BOX 388	MAGNOLIA	39652	MS
65-18-0022	JIMMY TROUTMAN	OOQUAILES CREST FA	FERNWOOD	39635	MS
65-19-0007	EDWIN & GEORGE D SCOTT	ROUTE 2	COLDWATER	38618	MS
65-19-0106	DARNELL & BARHAM	OO% BOB BARHAM	COLDWATER	38618	MS
65-20-0002	JULIUS T CARROLL	RT 2	KILMICHAEL	39747	MS
65-21-0002	W P GARTH	HERD NO 1	BRANDON	39042	MS
65-21-0005	TROY KING		PELAHATCHIE	39145	MS
65-23-0027	EUGENE L HOWRY JR	P O BOX 356	SARDIS	38666	MS
65-24-0001	BURCHFIELD JERSEY FARM	BOX 123	ETHEL	39067	MS
65-24-0005	H L & DAVID DODD	0	SALLIS	39160	MS
65-24-0006	WILLIE E MYERS	RT 4 BOX 89	KOSCIUSKO	39090	MS
65-25-0003	G W SELF	ROUTE 2	NEW ALBANY	38652	MS
65-27-0001	DALTON GARNER	OOROUTE 2	BOONEVILLE	38829	MS
65-30-0002	MAX MILLER	ROUTE 2	GULFPORT	39501	MS
65-33-0001	G B WALKER AND SONS		STONEVILLE	38776	MS
65-41-0001	EDWARD L CLARK	BOX 238	MADISON	39110	MS
65-46-0004	RAYMOND COLLINS	ROUTE 5	LAUREL	39440	MS
65-46-0016	ELLISVILLE STATE SCH	ATTN DAIRY DEPT	ELLISVILLE	39437	MS
65-52-0048	F E WOODS	0	BYHALIA	38611	MS
65-53-0001	J F MCCARDLE	ROUTE 1	HASLEHURST	39083	MS
65-53-0005	WALTER SMITH JR	RT 3	WESSON	39191	MS
65-53-0009	TONY SMITH	RT 4 B 278	WESSON	39191	MS
65-57-0001	R B MOORE OR JAMES M HOO	ROUTE 5	PHILADELPHIA	39350	MS
71-02-0005	CRAWLEY, W C AND SON	R R 2 BOX 205	GRAVETTE	72736	AR
71-02-0008	HERSHBERGER, LEWIS	R R 3 BOX 220	BENTONVILLE	72712	AR
71-02-0057	LOCKHART, ROLLAND	R R 1 BOX 257	BENTONVILLE	72712	AR
71-02-0061	RONE, CLYDE RON & DON	R R 1	BENTONVILLE	72712	AR
71-02-0071	RAKES, JERRY	R R 2	BENTONVILLE	72712	AR
71-02-0083	MABRY, ROGER	R R 4 BOX 239	BENTONVILLE	72712	AR
71-02-0096	HUBER, V E AND EDNA F	R R 1 BOX 86	BENTONVILLE	72712	AR
71-04-0004	FULACRE DAIRY-D FULTZ	R R 1	ALPENA	72611	AR
71-04-0028	SNYDER, FRANK	R R 1	GREEN FOREST	72638	AR
71-04-0034	COLLINS, HOWARD	BOX 87	OSAGE	72664	AR
71-04-0035	WILLIAMS, CHARLES R	R R 3 BOX 232	BERRYVILLE	72616	AR
71-07-0003	WASSON FARM	530 S DONAGHEY	CONWAY	72032	AR
71-07-0006	MARTIN, R E	R R 2	DAMASCUS	72039	AR
71-07-0010	WIEDOWER, FLOYD	R R 3	GREENBRIER	72058	AR
71-07-0014	ROWLETT, W W	R R 3	GREENBRIER	72058	AR
71-08-0001	KING-BALLARD FARM	R R 2 BOX 132	CHARLESTON	72933	AR
71-10-0001	HUBER, GEORGE J	R R 1 BOX 168	SUBIACO	72865	AR
71-10-0009	HEFT, EDWIN	R R 3	PARIS	72855	AR

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
71-10-0014	WEISENFEL, CHARLES	R R 1	SCRANTON	72863	AR
71-18-0008	HALL, JACK	R R 2	DAMASCUS	72039	AR
71-18-0009	HALL, JERRY	R R 1	DAMASCUS	72039	AR
71-19-0010	BAYLEY, PAUL	R R 1	ELKINS	72727	AR
71-19-0023	HAWLEY AND BELL	% L HAWLEY R R 2	PRAIRIE GROVE	72753	AR
71-19-0027	GILBREATH, H L	R R 1	SUMMERS	72769	AR
71-19-0034	JOHNSON, J D	R R 4	FAYETTEVILLE	72701	AR
71-19-0035	HILL, MAURY	R R 4	FAYETTEVILLE	72701	AR
71-19-0037	BROOKS, D C AND DON	R R 5	SILOAM SPRINGS	72761	AR
71-19-0038	WEBB, DWAYNE		WESTVILLE	74965	OK
71-25-0014	CHEEK, ARNOLD		SALEM	72576	AR
71-26-0002	PAT CARROLL DAIRY	R R 1 BOX 319	PARAGOULD	72450	AR
71-47-0008	SINGLETARY, JOE JR	R R 4 BOX 537	TEXARKANA	75501	AR
71-73-0002	SMITH, JAMES M	R R 2 BOX 124	CARLISLE	72024	AR
71-80-0003	UNIV OF ARK ANI SCI	% DR J M RAKES	FAYETTEVILLE	72701	AR
72-07-0001	PHILIP C COOK	BOX 462	RINGGOLD	71068	LA
72-07-0005	L O TOWNS LEBANON FARM	ONT LEBANON ROAD	GIBSLAND	71028	LA
72-14-0002	N LA HILL FARM EXP STA	BOX 100	HOMER	71040	LA
72-14-0005	ROY E ODOM	RT 2 BOX 142-A	HAYNESVILLE	71038	LA
72-14-0009	KENNETH VOLENTINE	RT 1 BOX 84	ATHENS	71003	LA
72-16-0006	MR MAXCY HOWE	GENERAL DELIVERY	GLOSTER	71030	LA
72-17-0003	L S U DAIRY DEPT DR J B	UNIVERSITY STATON	BATON ROUGE	70803	LA
72-17-0006	KLEINPETER FARMS DAIRY I	BOX 50	BATON ROUGE	70815	LA
72-28-0014	THEODORE HEBERT	RT 3 BOX 259	LAFAYETTE	70501	LA
72-31-6101	LA POLYTECHNIC INST	DR G A STEWART	RUSTON	71270	LA
72-34-0126	LESLIE H MC KOIN	00	BONITA	71223	LA
72-37-0001	N L JOHNSON	PO BOX 5037	MONROE	71201	LA
72-37-0103	LOUISIANA STATE UNIVERSI	N LA EXP STATION	CALHOUN	71225	LA
72-37-0109	LOUISIANA STATE UNIVERSI	N LA EXP STATION	CALHOUN	71225	LA
72-40-0110	H W WALKER	P O BOX 1088	ALEXANDRIA	71301	LA
72-40-6126	INGLEWOOD DAIRY	ROUTE 2	ALEXANDRIA	71301	LA
72-43-0001	R & G JORDON	GERALD E JORDAN	FLORIEN	71429	LA
72-46-0001	THOMAS E MORGAN	OOROUTE 1 BOX 125	AMITE	70422	LA
72-46-0011	HARVIN L FLETCHER	ROUTE 1	HOLDEN	70744	LA
72-46-0028	RONNIE WARREN	OOR F D 3 BOX 392	AMITE	70422	LA
72-49-0103	JOSEPH CANNATELLA	OOP O BOX 267	MELVILLE	71353	LA
72-53-0051	DALLAS M STRICKLAND JR	RT 3 BOX 695	KENTWOOD	70444	LA
72-58-0018	HOLTON D VINCENT	ROUTE 3 BOX 227	DERIDDER	70634	LA
72-60-0101	R D HINTON	1501 GLADNEY ST	MINDEN	71055	LA
73-02-0007	PEFFLY JERSEY FARM	R R BOX 80	AMORITA	73719	OK
73-03-0003	HUNGLE, J JENE	R R 5	ATOKA	74525	OK
73-04-0005	BENSCH, GLENFORD H		LOGAN	73849	OK
73-04-0027	PARKER, RICHARD AND SONS		ELMWOOD	73935	OK
73-09-0004	KREMEIER, LESTER	R R 3	OKARCHE	73762	OK
73-09-0011	BAN VIEW FARMS	R R 2 BOX 119	ELRENO	73036	OK
73-09-0022	BALL, DICK	R R 3 BOX 63	YUKON	73099	OK
73-09-0035	GRIGGS, CHARLES		MUSTANG	73064	OK
73-14-0014	MCDANIEL DAIRY FARMS	R R 10 BOX 557	MOORE	73060	OK
73-20-0002	BAILEY, FRED	R R 2	WEATHERFORD	73096	OK
73-20-0010	PECK, BOBBY	R R 2	CANUTE	73626	OK
73-20-0011	MAST, JOHN B	R R 2 BOX 56	WEATHERFORD	73096	OK
73-23-0002	COMMUNITY JERSEY FARM	ELLIS A WOODS	GAGE	73843	OK
73-23-0006	BAYLESS, GLENN B	R R 1	GAGE	73843	OK
73-23-0033	PAY DAY FARM	R R 1	GAGE	73843	OK
73-24-0001	ENID STATE SCHOOL		ENID	73701	OK
73-24-0006	ANGLIN, ELMER	R R 3	ENID	73701	OK
73-24-0010	SEMRAD, ERNEST AND SONS	HACKBERRY FMS R IE	WAUKOMIS	73773	OK
73-24-0013	BRAINARD, DERALD	R R 1	ENID	73701	OK
73-25-0003	ARTHUR, JESSIE R	R R 2	PAULS VALLEY	73075	OK
73-26-0001	VON TUNGELN, ELMER	R R 2	VERDEN	73092	OK
73-26-0010	WEGENER, RAYMOND	R R	MINCO	73059	OK
73-26-0025	OWENS, JAMES JR	R R 3	CHICKASHA	73018	OK
73-26-0035	CAREL, ROBERT AND SON	R R 2	TUTTLE	73089	OK
73-26-0050	JONES, THERON	R R 2	TUTTLE	73089	OK
73-36-0015	HIATT, HAROLD	R R 1	BRAMAN	74632	OK
73-36-0027	HEADS CREST DAIRY	% DON HEAD	BRAMAN	74632	OK
73-36-0034	JIM - ROSS DAIRY	% JIMMY HIATT	BRAMAN	74632	OK
73-37-0003	YEOMAN, GEORGE L	R R 1	DOVER	73734	OK
73-37-0019	STAUDE, WILBUR	R R 2	LOYAL	73756	OK
73-37-0021	SCOTT, LOUIS		OMEGA	73764	OK
73-37-0023	STONE, ROBERT	R R 1	CASHION	73016	OK
73-37-0024	BUGG, WILLIAM E	R R 1	HENNESSEY	73742	OK
73-37-0026	ELMS CREEK FARM		OMEGA	73764	OK
73-37-0033	HAGER, NORMAN		HITCHCOCK	73744	OK
73-37-0038	RED HILL FARM		HITCHCOCK	73744	OK
73-41-0028	REEDY, GERALD	R R 2	CHANDLER	74834	OK
73-41-0030	HERRMANN, ALVA	R R 1	AGRA	74824	OK
73-41-0049	DAVIS, FRANCIS F NO 1	R R 1	AGRA	74824	OK
73-41-0075	ARMSTRONG, JIM	R R 3 BOX 90	CHANDLER	74834	OK
73-45-0027	KESTER, W L	R R 2 BOX 133	PRYOR	74361	OK
73-45-0042	BROWN, CARROLL	R R 1 BOX 125	ROSE	74364	OK
73-46-0035	SMITH, HERMAN	R R 2 BOX 100	RINGWOOD	73768	OK
73-47-0015	HOWE, STEVE R R 1	NEBO JERSEY FARM	SULPHUR	73086	OK
73-48-0019	SHEFFIELD, DICK	R R 2 BOX 123	FT GIBSON	74434	OK
73-49-0010	THOM-A-HAWK FARM	R R 2	BLANCHARD	73010	OK

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
73-55-0011	B AND R FARMS	R R 7	EDMOND	73034	OK
73-55-0016	STEWARD, JOHN	R R 3 BOX 161	EDMOND	73034	OK
73-55-0030	IDEAL DAIRY FARMS	R R 1 BOX 263	CHOCTAW	73020	OK
73-57-0039	JOHNSON, WILL R	STAR ROUTE	SKIATOOK	74070	OK
73-60-0019	OKLA STATE UNIV	DAIRY DEPT	STILLWATER	74074	OK
73-60-0020	OKLA STATE UNIV	DAIRY DEPT	STILLWATER	74074	OK
73-60-0050	BUNNEY, ROGER	R R 1	RIPLEY	74062	OK
73-60-0057	CABIN-CREEK-S FARM	R R 3	CUSHING	74023	OK
73-61-0001	OKLA STATE PENITENTIARY	DAIRY DEPARTMENT	MC ALESTER	74501	OK
73-66-0030	LACEY, N C	R R 1	DURHAM	73642	OK
73-69-0004	BURNS, J K	R R 1	DUNCAN	73533	OK
73-69-0005	BURNS, BOBBY	R R 1	DUNCAN	73533	OK
73-72-0032	SMITH, HAYWARD	R R 1 BOX 159	OWASSO	74055	OK
73-72-0044	KELLER, MELVIN	R R 3	BROKEN ARROW	74012	OK
73-73-0009	SPOON, JOHN	R R 3	BROKEN ARROW	74012	OK
73-76-0008	EGGLESTON, DONALD	R R 1 BOX 39	WAYNOKA	73860	OK
73-77-0003	HEDGES, BRIAN C	R R 2	VICI	73859	OK
73-77-0015	GUTHRIE, DAVID C	R R 1 BOX 243	WOODWARD	73801	OK
74-01-0033	TEXAS A & M HOLSTEINS	DAIRY SCIENCE DEPT	COLLEGE STATION	77843	TX
74-01-0034	TEXAS A&M UNIV JERSEYS	DAIRY SCIENCE DEPT	COLLEGE STATION	77843	TX
74-03-0129	TEXAS DEPT CORRECTION	RT 3	HUNTSVILLE	77340	TX
74-04-0109	LAVON FARMS	ROUTE 2	PLANO	75074	TX
74-04-0140	ROY L FERGUSON	ROUTE 1	PRINCETON	75077	TX
74-04-0143	FITCH DAIRY	ROUTE 1 BOX 189	BEDFORD	76021	TX
74-05-0013	JAMES KETTLER	ROUTE 2	BRENHAM	77833	TX
74-05-0029	DALCAN RANCH	ROUTE 2,BOX 159	BRENHAM	77833	TX
74-05-0032	DANIEL ENGELING	ROUTE 1 BOX 190	BRENHAM	77833	TX
74-05-0043	3 D JERSEY FARM	BOX 939	NAVASOTA	77868	TX
74-05-0044	ELROY HAASS	ROUTE 3 BOX 165	BRENHAM	77833	TX
74-05-0045	DELTON KOERTH	ROUTE 2	BURTON	77835	TX
74-05-0049	BILLY DEAN KOERTH	ROUTE 2	BURTON	77835	TX
74-07-0032	BOB STORM	P O BOX 302	PREMONT	78375	TX
74-10-0131	MURIEL E STEUBING	RT 4 BOX 121A	SAN ANTONIO	78228	TX
74-10-0139	JAMES DAVIDSON	ROUTE 4	GEORGETOWN	78626	TX
74-10-0159	JACK H KAY	ROUTE 1	BUDA	78610	TX
74-10-0179	WILDON PETTY	RT 2 BOX 31	GEORGETOWN	78626	TX
74-10-0190	COFFIN JERSEY FARM	BOX 157	MATHIS	78368	TX
74-10-0201	LARRY RICKS	RT 4 BOX 122-A	SAN ANTONIO	78228	TX
74-10-0217	5-H DAIRY	RT 1 BOX 105	COMFORT	78103	TX
74-10-0219	JIM KNOWLTON	RT 1 BOX 4	VON ORMY	78073	TX
74-10-0220	5-H DAIRY JERSEYS	RT 1 BOX 105	COMFORT	78013	TX
74-10-0221	JIM KNOWLTON	RT 1 BOX 4	VON ORMY	78073	TX
74-10-0225	G K NORRIS	RT 1 BOX 9-C	BOERNE	78006	TX
74-10-0229	ELGIN HARQUART-SWISS	RT 1 BOX 297	COMFORT	78013	TX
74-10-0230	DENISE NORRIS	BOX 9-C	BOERNE	78006	TX
74-11-0118	PETER PRESCHER	ROUTE 1	GAINESVILLE	76240	TX
74-11-0140	VERNON G FRIEDRICH	BOX 297	GAINESVILLE	76240	TX
74-12-0104	GROUND BROTHERS	ROUTE 1 BOX 294	DE SOTA	75115	TX
74-12-0111	DAVID G SHOKLER	RT 1 BOX525	LANCASTER	75146	TX
74-12-0113	JOHN F TUFTS	OOROUTE 1 BOX 1310	DALLAS	75216	TX
74-12-0124	H E REDDEN	ROUTE 3	MIDLOTHIAN	76065	TX
74-12-0125	W S COX	ROUTE 3	WAXAHACHIE	75165	TX
74-14-0122	JAMES KNANDEL		COST	78614	TX
74-14-0123	SCHENDEL JERSEYFARM	RT 2 BOX 75	RUNGE	78151	TX
74-15-0131	POSTON FARM INC	RT 2 BOX 163	STEPHENVILLE	76401	TX
74-15-0135	BOBBY J TRAWEEK	OOROUTE 3	DUBLIN	76446	TX
74-15-0137	DAVID GODFREY	BOX 1111	BLANKET	76432	TX
74-15-0150	BILLY S BRADLEY	RTE 1	DUBLIN	76446	TX
74-15-0151	DON EARLY	ROUTE 1	BANGS	76823	TX
74-15-0162	W L PAYTON		STEPHENVILLE	76401	TX
74-15-0170	JAMES TRAWEEK & SON DAIR	OOROUTE 1 BOX 163	STEPHENVILLE	76401	TX
74-15-0185	HILO DAIRY	ROUTE 4	STEPHENVILLE	76401	TX
74-15-0188	TARLETON STATE COLLEGE	OOJOEL HILLIN	STEPHENVILLE	76401	TX
74-15-0200	SELDEN DAIRY	2161 WOODLAND	STEPHENVILLE	76401	TX
74-15-0204	ROY L HUGHES	ROUTE 1	BLANKET	76432	TX
74-15-0212	JERREL HARRIS	ROUTE 2	RISING STAR	76471	TX
74-15-0223	G G & H DAIRY	P O BOX 1167	BLANKET	76432	TX
74-16-0104	DONALD L DOPSLAUF	RT 1 BOX 120	LA GRANGE	78945	TX
74-16-0116	ANTON TIETJEN JR		LA GRANGE	78945	TX
74-16-0147	HENRY H HAISLER	ROUTE 2 BOX 251	BASTROP	78602	TX
74-18-0128	C F TUCKER	149 FORE	SULPHUR SPRINGS	75482	TX
74-18-0133	T D HARNESS	ROUTE 3	SULPHUR SPRINGS	75482	TX
74-18-0143	BILLY JACK ALLEN	ROUTE 2	SULPHUR SPRINGS	75482	TX
74-18-0151	E H MOORE	ROUTE 4	SULPHUR SPRINGS	75482	TX
74-18-0181	HARVEY W MATHES	ROUTE 5	SULPHUR SPRINGS	75482	TX
74-18-0196	KENNETH HALLACE	OOROUTE 2	SULPHUR SPRINGS	75482	TX
74-25-0108	LOUIS G HINDERS	OOBOX 157	CANYON	79015	TX
74-25-0133	WEST TEXAS STATE UNIV	ROUTE 2 BOX 5	CANYON	79015	TX
74-25-0136	RIGLER BROTHERS	BOX 1950	PLAINVIEW	79072	TX
74-25-0173	VINCENT BRADDOCK	OOROUTE 2	DIMMITT	79027	TX
74-25-0186	N R JONES	0816 AVE K	HEREFORD	79045	TX
74-25-0192	BOB ZYBACH	OROUTE 1 BOX 18	BRISCOE	79011	TX
74-25-0199	J CHESTER ELLIFF	OOROUTE 1	TULIA	79088	TX
74-25-0202	WINSTON WAGGONER	OOROUTE 1	DIMMITT	79027	TX
74-25-0204	JONES HALES	OOROUTE 1 BOX 21A	CANYON	79015	TX

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
74-25-0209	MICHAEL HINDERS	OOBOX 157	CANYON	79015	TX
74-26-0117	MARTIN THEOFORD	OOROUTE 8	TYLER	75701	TX
74-31-0126	WILFRED A HOFF	00	WINDTHORST	76389	TX
74-31-0135	LEO A HOFF	ROUTE 1 BOX 20	WINDTHORST	76389	TX
74-31-0141	ROBERT STEINBERGER	0	WINDTHORST	76389	TX
74-31-0150	JAMES VIETH	STAR ROUTE	WINDTHORST	76389	TX
74-31-0151	JERRY VIETH	RT 1	WINDTHORST	76389	TX
74-31-0152	LLOYD A WOLF	OOROUTE 1	WINDTHORST	76389	TX
74-31-0157	CHARLES H VIETH	ROUTE 1	WINDTHORST	76389	TX
74-33-0174	C J CORDELL	BOX 468	NACOGDOCHES	75961	TX
74-33-0192	BUESNEL JERSEY FARM	RT 1 BOX 145A	CHIRENO	75937	TX
74-33-0193	JOHN F KIRK-HOLSTEINS	RT 1 BOX 447	NACOGDOCHES	75961	TX
74-35-0109	J FRED DAVIS JR	BOX 75	HASLET	76052	TX
74-35-0174	FRANK WILLINGHAM	ORT 1 BOX 179	GODLEY	76044	TX
74-35-0191	LON-FRAN FARM	RT 2	MIDLOTHIAN	76065	TX
74-35-0196	W J SHEPHERD	ROUTE 1	BOYD	76023	TX
74-35-0206	STOKES AND BOBBY ARMSTRO	RT 1	BARRY	75102	TX
74-36-0003	LOUIS SCHOENEMAN	ROUTE 1	CALDWELL	77836	TX
74-36-0019	ELM CREEK FARM JERSEYS	00	CAMERON	76520	TX
74-36-0022	ELM CREEK FARM	P O BOX 584	CAMERON	76520	TX
74-36-0024	JAMES D ASH	BOX 413 RT 2	BELTON	76513	TX
74-36-0027	MELVIN HRONEK	ROUTE 3 BOX 41	CALDWELL	77836	TX
74-36-0030	S R DONAHO JR	BOX 75	FLORESVILLE	78114	TX
74-39-0007	KENNETH LAMBERT	ROUTE 2	DECATUR	76234	TX
74-39-0014	DAN RHINE	P O BOX 364	DECATUR	76234	TX
74-39-0021	WAYNE ALEXANDER	RT 3 BOX 47	DECATUR	76234	TX
74-74-0002	J HARREL KNAPE	ROUTE 4 BOX 80	ALVIN	77511	TX
74-74-0012	BILL & JOHNNY STANSELL	OOROUTE 1	FLUVANNA	79517	TX
74-74-0018	ED C WINSTON	RT 1 BOX 349	ALVIN	77511	TX
81-07-0851	GEORGE HARNICK		FORT SHAW	59443	MT
81-07-9001	AYRSHIRE DAIRY	P. O. BOX 1807	GREAT FALLS	59401	MT
81-07-9622	PURVIS BROTHERS		VAUGHN	59487	MT
81-16-0031	BOSTANA RANCH	ROUTE 1 BOX 88	MANHATTAN	59741	MT
81-16-0185	JOE DYK	RT 1 BOX 313	MANHATTAN	59741	MT
81-16-0515	HAROLD F MOSS	RFD #1	BOZEMAN	59715	MT
81-16-0801	WILLIAM J TATARKA	ROUTE 1	BOZEMAN	59715	MT
81-16-9039	STEVEN & GARY BOS	RT 1 BOX 69	MANHATTAN	59741	MT
81-16-9113	GEORGE CHRISTIE	RT 2	BOZEMAN	59715	MT
81-16-9187	JOHN & DON DYKSTRA	RT 1 BOX 314	MANHATTAN	59741	MT
81-16-9512	HARVEY MOSS & SONS		BELGRADE	59714	MT
81-16-9513	DR B R MOSS	MONTANA STATE UNIV	BOZEMAN	59715	MT
81-16-9846	NELSON VAN DYKE	PO BOX 316 RT 1	MANHATTAN	59741	MT
81-24-0032	CHARLES BICK		CHARLO	59824	MT
81-24-0741	GENE SCHOCK	P. O. BOX 406	RONAN	59864	MT
81-41-7576	SUMMER LANE DAIRY	% KEITH NORDHEIM	CORVALLIS	59828	MT
81-56-9033	HERMAN & RUSSELL BECKER		BALYANTINE	59006	MT
82-11-0111	DICK BAKER	ROUTE 4	BOISE	83702	ID
82-11-0117	GEORGE E DAY	ROUTE 3	NAMPA	83651	ID
82-11-0218	EUGENE BALDWIN	ROUTE 1	MERIDIAN	83642	ID
82-11-0244	LARRY IRISH	ROUTE 1	EAGLE	83616	ID
82-12-0140	LARRYDALE FARMS INC	RT 6	NAMPA	83651	ID
82-12-5119	IDACREST FARMS INC		KUNA	83634	ID
82-12-5140	LARRYDALE FARMS INC	ROUTE 6	NAMPA	83651	ID
82-12-9122	ROY BODLEMON & SON	ROUTE 6	NAMPA	83651	ID
82-13-0113	RICHARD O BRASS	ROUTE 1	CALDWELL	83605	ID
82-13-0197	L L LINCOLN & SON	ROUTE 1	PARMA	83660	ID
82-14-0111	AGEE DAIRY FARMS	ROUTE 3	MERIDIAN	83642	ID
82-14-0153	WILLIAM T STEVENS	RT 3	MERIDIAN	83642	ID
82-14-0194	ROBERT DAY	ROUTE 2	KUNA	83634	ID
82-14-0225	FLOYD EDWARDS	ROUTE 6	NAMPA	83651	ID
82-14-0271	NORM-EL FARMS	% NORMAN L BRYANT	MERIDIAN	83642	ID
82-14-5187	W J WAGONER & SON	ROUTE 2	MERIDIAN	83642	ID
82-14-5260	J IRVIN HART	ROUTE 5	NAMPA	83651	ID
82-15-0198	WAYNE VASSAR	ROUTE 5	NAMPA	83651	ID
82-15-0269	PAUL W KORN	ROUTE 2	NAMPA	83651	ID
82-16-0167	ELDON F HARROLD	ROUTE 7	CALDWELL	83605	ID
82-17-0127	MERLE JENKINS	ROUTE 3	PARMA	83660	ID
82-17-5278	GERALD GROSS	ROUTE 1	KUNA	83634	ID
82-19-0193	PERRY KASEL	ROUTE 6	NAMPA	83651	ID
82-20-5124	KENNETH NIELSON	ROUTE 1	CALDWELL	83605	ID
82-25-0118	DONALD D HEFFNER	P O BOX 2	MONTOUR	83646	ID
82-26-0199	GLENDARAY DAIRY	D HANKINS & SON RT	EMMETT	83617	ID
82-26-0226	KEITH F CHADWICK	ROUTE 7	CALDWELL	83605	ID
82-29-0143	WILLIAM D WRIGHT	RURAL RTE	FRANKLIN	83237	ID
82-29-0174	ROBERT & HORACE HAWORTH	RURAL RTE	FRANKLIN	83237	ID
82-29-0213	HERMAN NIELSON		WESTON	83286	ID
82-29-0227	ELLIS & DOYLES DAIRY	RT 1	PRESTON	83263	ID
82-32-0119	CLARK A MICKELSON	P. O. BOX 362	GRACE	83241	ID
82-32-0122	HARRIS A MICKELSON		GRACE	83241	ID
82-32-0123	MELVIN MICKELSON		GRACE	83241	ID
82-32-0125	MARVIN PRESCOTT	STAR ROUTE BOX 346	GRACE	83241	ID
82-32-0128	GLENN V TURNER	STAR ROUTE	GRACE	83241	ID
82-32-0155	FLOYD TOONE		GRACE	83241	ID
82-32-0174	WILLARD HARRIS MICKELSON	P. O. BOX 362	GRACE	83241	ID
82-32-9141	RILEY L MICKELSON		GRACE	83241	ID

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
82-32-9154	LAWRENCE D. NICKELSON		GRACE	83241	ID
82-33-9111	WILLOWDALE FARM	% WILMER W BROWN	OVID	83260	ID
82-33-9119	WAYNE MATTHEWS		OVID	83260	ID
82-35-0261	BLAIR HALL	STAR RTE	BLISS	83314	ID
82-36-0140	ARCHIE MALONE	RURAL RTE 1	JEROME	83338	ID
82-36-0258	SCOTT GULICK	RURAL RTE	JEROME	83338	ID
82-36-0313	CLIFFORD IVERSON	ROUTE 1	JEROME	83338	ID
82-36-5261	FRANK W HOUSTON	RURAL RTE 3	JEROME	83338	ID
82-39-0118	LAVAR HUNTER	ROUTE 2	ST ANTHONY	83445	ID
82-39-0132	A KLINGLER & T STAKER	ROUTE 2	REXBURG	83440	ID
82-39-0143	W G STEWART	ROUTE 1	REXBURG	83440	ID
82-39-5120	IDAHO YOUTH TRAINING CTR	RURAL RTE	ST ANTHONY	83445	ID
82-39-5165	H R PARKER & SONS	RURAL RTE 2	ST ANTHONY	83445	ID
82-40-0164	JACK HILTERBRAND	ROUTE 5	RUPERT	83350	ID
82-40-0243	REED LEWIS	ROUTE 3	RUPERT	83350	ID
82-40-0273	MAGIC VUE DAIRY	% LA MONT SMITH RT	HEYBURN	83336	ID
82-40-0285	MOUNTAIN VIEW DAIRY	% ORLAND KOYLE RT	RUPERT	83350	ID
82-40-0296	ALEX MAC KENZIE	BOX 24	RUPERT	83350	ID
82-41-0019	GRANT RANDALL & SON	RT 2 BOX 172	BURLEY	83318	ID
82-41-0021	REX GERRATT	RTE 3 BOX 353A	BURLEY	83318	ID
82-41-0029	BURLIVIEW DAIRY	RT 3 BOX 161	BURLEY	83318	ID
82-45-0171	H K PAISLEY	STAR RTE	SPIRIT LAKE	83869	ID
82-48-0150	ROBERT A PRITZL	RT 2	NEW PLYMOUTH	83655	ID
82-48-5121	D H KOCHER	ROUTE 1	NEW PLYMOUTH	83655	ID
82-49-0115	LESTER MC COMB	ROUTE 1	NEW PLYMOUTH	83655	ID
82-49-0146	WILLIAM ROYSTON	RURAL RTE 1	PAYETTE	83661	ID
82-49-0207	RAYMOND SMITH	RTE 1	EMMETT	83617	ID
82-49-5160	C ALFORD RUSSELL & SONS	ROUTE 1	NEW PLYMOUTH	83655	ID
82-49-5171	WILLARD ASHTON	1915 7TH AVE N	PAYETTE	83661	ID
82-51-0191	JOHN & BARBARA COTHERN	ROUTE 1	BUHL	83316	ID
82-52-0119	IRVIN EHLERS	ROUTE 1	TWIN FALLS	83301	ID
82-52-0139	RUSSEL RIGGS	RURAL RTE	MURTAUGH	83344	ID
82-52-0169	WALTER MATTHIESEN	ROUTE 2	FILER	83328	ID
82-52-0173	DALE WILLIAMS	ROUTE 2	FILER	83328	ID
82-52-5155	GARY CUSTER	ROUTE 3	TWIN FALLS	83301	ID
82-56-0138	DEAN ESPLIN	ROUTE 1	SHELLEY	83274	ID
82-66-0037	UNIVERSITY OF IDAHO	R H ROSS DEPT ANIM	MOSCOW	83843	ID
82-66-5004	CHERRYLANE RANCHES INC	% DARRELL KERBY R	LENORE	83541	ID
82-66-5037	UNIVERSITY OF IDAHO	R H ROSS DEPT ANIM	MOSCOW	83843	ID
82-66-5038	UNIVERSITY OF IDAHO	R H ROSS DEPT ANIM	MOSCOW	83843	ID
82-71-0001	LYLE ANDERSEN	RT 2N BOX 96A	POCATELLO	83201	ID
82-71-0019	ORIS REED		DOWNEY	83234	ID
83-10-9110	LLOYD VERNON HOOPES	RFD 1	AFTON	83110	WY
83-15-9100	HAROLD RADLOFF	UNIV. OF WYOMING	LARAMIE	82070	WY
83-16-0138	GEORGE ABRAHAM	P O BOX 43	BYRON	82412	WY
84-02-0010	HILLSIDE DAIRY, INC	ROUTE 3 BOX 87	PUEBLO	81001	CO
84-02-0016	ROBERT WILEY JR	RT I BOX 71	BOONE	81025	CO
84-03-0018	PAUL NEWBY	ROUTE 4 BOX 166	LONGMONT	80501	CO
84-03-0025	WM WAILES	RT 1 BOX 104	KERSEN	80644	CO
84-03-0101	HAPPY OURS FARM	ROUTE 1 BOX 34-A	BERTHOUD	80513	CO
84-03-0102	RICK POCTBURG	HARDING STREET	JOHNSTOWN	80534	CO
84-03-0347	HERTZKE BROS	ROUTE 3	GREELEY	80631	CO
84-03-0358	OTTO SCHELLER	RT 2 BOX 86	EATON	80615	CO
84-03-0405	DERSHAN BROS.	ROUTE 1 BOX 340	BRIGHTON	80601	CO
84-03-0509	ROBUD FARMS	114 S COUNTY RD	FORT COLLINS,	80521	CO
84-03-0514	DELBERT HENRY	RT 1 BOX 100	AULT	80610	CO
84-03-0814	ROYAL JERSEY FARM		KEENESBURG	80643	CO
84-03-0902	MAR RU FARM	RT 4 BOX 233C	GREELEY	80631	CO
84-03-9100	HOWARD E BINDER JR.	ROUTE 2 BOX 156	FT. LUPTON	80621	CO
84-03-9142	ALLEN M LEE	700 SE FRONTAGE RD	FT COLLINS	80521	CO
84-03-9144	ALBERT FOOS	ROUTE 2 BOX 124	BRIGHTON	80601	CO
84-03-9210	CONRAD HERBST JR	RT 1 BOX 209	KERSEY	80644	CO
84-03-9224	HIROSHI TATEYAMA		AULT	80610	CO
84-03-9286	R AND R ARNBRECHT	ROUTE 2 BOX 192	GREELEY	80631	CO
84-03-9307	EDWIEN WIEDEMAN	ROUTE 3 BOX 436	GREELEY	80631	CO
84-03-9308	VIRGIL PODTBURG	RT 1 BOX 53	JOHNSTOWN	80534	CO
84-03-9422	MILLIS-AN FARMS	ROUTE 1 BOX 403	FT. LUPTON	80621	CO
84-03-9461	CARL-AYR FARM	RT 2 BOX 6	FT LUPTON	80621	CO
84-03-9480	JOSEPH J TROSTEL	RT 2 BOX 196	BRIGHTON	80601	CO
84-03-9807	HENRY FARM	ROUTE 4 BOX 223	GREELEY	80631	CO
84-03-9815	A J R FARMS	R R 4 BOX 195-F	GREELEY	80631	CO
84-04-0035	WILLIAM BRUCE MOUNT		ELIZABETH	80107	CO
84-04-9010	MYRON STRATTON HOME	HIWAY 115 SOUTH	COLO SPRGS	80909	CO
84-04-9038	E L CANON HOLSTEINS	1515 VINE	CANON CITY	81212	CO
84-04-9047	RICHARD P. CARLSON	ROUTE 1 BOX 22C	COLO SPRGS	80909	CO
84-06-0002	JOHN M ANDRIJESKA	RT 1 BOX 59	PIERCE	80650	CO
84-06-0085	S SCHMAGHTENBERGER	RT 2 BOX 330	LOVELAND	80537	CO
84-06-0093	MARVIN COONTS	ROUTE 1 BOX 79	BERTHOUD	80513	CO
84-06-0102	RICH SCHILD	ROUTE 2 BOX 177	FT COLLINS	80521	CO
84-06-0128	WILBUR & RICHARD SCHILD	ROUTE 4 BOX 80	FT COLLINS	80521	CO
84-06-9007	DR. VERL R. SMITH	COLO STATE UNIV	FT. COLLINS	80521	CO
84-06-9012	DUANE R FISHER	3220 SO. CO. RD. #	FT COLLINS	80521	CO
84-06-9089	CLYDE VAIR	ROUTE 2 BOX 118	EATON	80615	CO
84-06-9092	MIKE DICKINSON	2821 E. COUNTY RD.	FT COLLINS	80521	CO
84-06-9208	CLIFFORD WAAG	1113 NO. CO. RD. #	FT. COLLINS	80521	CO

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
84-07-9050	THAYERS FARM	ROUTE 2 BOX 659	BROOMFIELD	80020	CO
84-07-9068	PACLAMAR FARMS	RT 1 BOX 312	LOUISVILLE	80027	CO
84-07-9075	BOULDER VALY HOLSTEINS	1042 95 STREET	LAFAYETTE	80026	CO
84-08-0056	PEACH VALLEY SWISS FRM	ROUTE #1	NEW CASTLE	81652	CO
84-12-0001	JEAN WODDIE	RT. 1 BOX 106	ARVADA	80002	CO
84-15-0007	CEDAR ROSE FARM	ROUTE 3 BOX 67	BURLINGTON	80807	CO
84-15-9019	ROYLAINE JERSEYS INC	ROUTE 1 BOX 109	FORT MORGAN	80701	CO
84-16-9055	GRAND MESA VIEW RANCH	ROUTE 1 BOX 202	CEDAREDGE	81413	CO
84-20-0011	FRANCIS B SLADE		HESPERUS	81326	CO
84-30-9001	J H KNOOP AND F GRAY	ROUTE 1	ALAMOSA	81101	CO
84-37-9012	LLOYD HEIMER	WAGES ROUTE	HOLYOKE	80734	CO
85-01-9001	BJ ROMIG PUREBRED HERD	P. O. BOX 940	LAS CRUCES	88001	NM
85-01-9002	NEW MEXICO STATE UNIV.	BOX 3149	LAS CRUCES	88003	NM
85-02-9015	VALLEY GOLD DAIRY FARM	ROUTE 9 BOX 858-B	ALBUQUERQUE	87105	NM
85-03-0002	EDEAL DAIRY	STAR ROUTE 2 BOX 1	LOS LUNAS	87031	NM
85-03-0040	TIM SINGER	P. O. BOX 1038	LOS LUNAS,	87031	NM
85-03-0041	JORDAN PAREO	RT. 17 BOX 898 H	ALBUQUERQUE	87105	NM
85-03-9016	HANDLEYS GUERNSEY DAIRY	STAR RT 1 BOX 22-C	VEGUITA	87062	NM
85-03-9034	RAYMOND L JARRATT	ROUTE 1 BOX 79	LOS LUNAS	87031	NM
85-03-9047	RAYMOND L JARRATT	ROUTE 1 BOX 79	LOS LUNAS	87031	NM
85-06-9001	LILLYWHITE RANCH		AZTEC	87410	NM
85-07-9014	ROBERT M BARLEY	P. O. BOX 217	HOPE	88250	NM
85-20-9001	MURMUND JERSEY DAIRY	P. O. BOX U	ALAMOGORDO	88310	NM
85-21-9001	PRICE-BLACK FARM INC		ARREY	87930	NM
85-32-9005	PRICES EL PASO DAIRY	BOX 26339 RANCHLAN	EL PASO	79928	NM
85-32-9006	ISLAND DARIES	P O DRAWER 968	FABENS	79838	NM
86-01-0093	HARKWOOD ENTERPRISES	RT 2 BOX 89A	CHANDLER	85224	AZ
86-01-0322	RACREST DAIRY	P. O. BOX 175	HIGLEY	85236	AZ
86-01-0420	HOFFMAN DAIRY	RT 1 BOX 48	BUCKEYE	85326	AZ
86-01-0480	K & L FARMS	ROUTE 1 BOX 108-B	GILBERT	85234	AZ
86-01-0482	JOHN VAN HILL	R R 1 BOX 190-A	TOLLESON	85353	AZ
86-01-9005	ARIZONA STATE UNIVERSITY	ROUTE 1 BOX 531	TEMPE	85281	AZ
86-01-9022	BUTLER DAIRY	RT 1 BOX 227 C	BUCKEYE	85326	AZ
86-01-9039	JAMES COOPER & SONS	951 S LAZONA DR	MESA	85204	AZ
86-01-9078	EDENDALE RANCH	RT 4 BOX 349 C	PHOENIX	85031	AZ
86-01-9097	HAROLD RAWLINGS	RT 2 BOX 250	TEMPE	85281	AZ
86-01-9101	SUN VALLEY DAIRY	ROUTE 1 BOX 508	LAVEEN	85339	AZ
86-01-9153	C. T. SHARP & SONS	1816 E BROWN RD	MESA	85201	AZ
86-01-9165	ST JOHN DAIRY	14225 NO. 51ST. AV	GLENDALE	85301	AZ
86-01-9169	T A BURGESON JR	ROUTE 2 BOX 215	CHANDLER	85224	AZ
86-01-9173	PETE J. TREGUBOFF	P. O. BOX 306	TOLLESON	85353	AZ
86-01-9221	I. M. ULMER	RT 1 BOX 181-B	TOLLESON	85353	AZ
86-01-9323	ROBERT & SNEDIGAR	321 E CONCORDA	TEMPE	85281	AZ
86-01-9416	JEROME LASALVIA	RT 1 BOX 391	LAVEEN	85339	AZ
86-01-9447	MOUNTAIN SHADOW DAIRY	ROUTE 1 BOX 14	LITCHFIELD PK	85340	AZ
86-01-9472	B & W ENTERPRISE	14225 NO. 51ST. AV	GLENDALE	85301	AZ
86-01-9478	HENDERSON, STOCKTON	507 SECURITY BLDG	PHOENIX	85004	AZ
86-01-9500	SUN VALLEY DAIRY	RT 1 BOX 508	LAVEEN	85339	AZ
86-01-9501	MISTIC MANOR	ROUTE 1 BOX 508	LAVEEN	85339	AZ
86-02-0002	ARIZONA STATE PRISON	P. O. BOX B	FLORENCE	85232	AZ
86-02-0019	A BRUCE KNAPP	P. O. BOX 5544	TUCSON	85703	AZ
86-02-9012	SHAMROCK GUERNSEY FARM	P. O. BOX 5524	TUCSON	85702	AZ
86-02-9027	DAIRY SCIENCE DEPT	UNIVERSITY OF ARIZ	TUCSON 25	85721	AZ
87-01-0994	WALDO YARDLEY & SONS	P. O. BOX 161	BEAVER	84713	UT
87-02-0265	DOUBLE H DAIRY	BOX 254 RT 2A	TREMONTON	84337	UT
87-02-0344	LEON D & BOYD GARDNER		HONEYVILLE	84314	UT
87-02-0455	JOHN M HARDY	RFD #1	BRIGHAM CITY	84302	UT
87-02-0744	HOWARD C MAUGHAN	R F D	GARLAND	84312	UT
87-03-0003	SETH S ALLEN	RFD	RICHMOND	84333	UT
87-03-0015	ARTHUR ANDERSON	RFD	WELLSVILLE	84339	UT
87-03-0261	TINO FEDERICO		TRENTON	84338	UT
87-03-0273	CALVIN FUNK		RICHMOND	84333	UT
87-03-0286	GIBBONS BROTHER		LEWISTON	84320	UT
87-03-0287	H RAY & DON GIBBONS		LEWISTON	84320	UT
87-03-0341	W R HARRIS & SONS		RICHMOND	84333	UT
87-03-0735	CHARLES REESE	R.F.D.	SMITHFIELD	84335	UT
87-03-0794	WILLIS SHARP		LEWISTON	84320	UT
87-03-0819	RALPH B SORENSON	RFD BOX 308	LEWISTON	84320	UT
87-03-0848	F EDIS TAGGART		LEWISTON	84320	UT
87-03-0870	DON THORNLEY & SON		SMITHFIELD	84335	UT
87-03-9017	HOWARD G. ANDERSEN		RICHMOND	84333	UT
87-03-9071	LUDEAN BALLS		HYDE PARK	84318	UT
87-03-9223	U.S.U. DAIRY HERD	UTAH STATE UNIV.	LOGAN	84322	UT
87-03-9316	ROSS H GORDON		LEWISTON	84320	UT
87-03-9509	NORRIS L MICKELSON	R R	LEWISTON	84320	UT
87-03-9559	GEORGE R WANLASS		PARADISE	84328	UT
87-03-9566	NORMAN BROS	% WAYNE NORMAN	PARADISE	84328	UT
87-06-0058	JOHN & CHARLES BARNER	RFD BOX 23	KAYSVILLE	84037	UT
87-06-0389	JIM KNIGHT	299 E. 1300 NORTH	BOUNTIFUL	84010	UT
87-06-0700	RICHARDS JERSEY FARM	% AARON RICHARDS	FARMINGTON	84025	UT
87-06-0798	SMOOT JERSEY FARM	1697 N MAIN	CENTERVILLE	84014	UT
87-15-0911	JAN TURNER	P. O. BOX 205	MORGAN	84050	UT
87-18-0030	GRANT ANDRUS	675 E. 11800 S.	DRAPER	84020	UT
87-18-0175	ELIAS J OR HENRY M DAY	12300 S 609 EAST	DRAPER	84020	UT
87-18-0187	JAMES H DAY	485 EAST 13540 SOU	DRAPER	84020	UT

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
87-20-0455	R A JENSEN	RFD	NANTI	84642	UT
87-20-0683	CLAIR OTTEN		STERLING	84665	UT
87-20-0845	KURT N. & R. P. SORENSON	BOX 288	CENTERFIELD	84622	UT
87-20-0991	THOMAS & GENE YARDLEY		GUNNISON	84634	UT
87-22-0726	L & G PACE FARM	RFD	COALVILLE	84017	UT
87-22-0845	SORENSON SHADY LANE	% ED SORENSON	OAKLEY	84055	UT
87-22-0848	SPRING RUN DAIRY	% KENDALL ROCKHILL	KAMAS	84036	UT
87-22-0935	URE RANCHES		KAMAS	84036	UT
87-22-9061	BROWN KING HOLSTN	% GLEN BROWN	COALVILLE	84017	UT
87-22-9082	J. PARLEY BROWN	R F D	COALVILLE	84017	UT
87-25-0057	DEAN BLACKHURST	RFD 1 BOX 1-A	PLEASANT GROVE	84062	UT
87-25-0611	B. RICHARD ORTON	RT. 1 BOX 74-A	SPANISH FORK	84660	UT
87-25-0614	ERNEST PARTRIDGE	ROUTE 2 BOX 235	SPANISH FORK	84660	UT
87-25-9076	B.Y.U. DAIRY HERD	AN SCI DEPT RM. 36	PROVO	84601	UT
87-25-9084	WILLIAM GARRY BROWN	RFD 1 BOX 50-A GEN	SANTAQUIN	84655	UT
87-25-9487	DEXTER KENT	RT 1 BOX 374	PROVO	84601	UT
87-25-9924	CHARLES WARNICK	RFD BOX 417	PLEASANT GROVE	84062	UT
87-26-0160	DEAN BROWN	RFD BOX 260	HEBER	84032	UT
87-26-0658	CALVIN J PROBST	RFD BOX 258	HEBER	84032	UT
87-29-0074	HAROLD BUCK	R F D 1	OGDEN	84401	UT
87-29-0575	RIVERDALE STAKE FARM	R F D 2 BOX 798	FARR WEST	84404	UT
87-29-0590	ROPELATO BROTHERS	3993 WEST 1800 SOU	OGDEN	84401	UT
87-29-0595	JACKSON JERSEY FARM	2730 WEST 4800 SOU	ROY	84067	UT
87-29-0610	OWEN SHAW	160 W 2550 N	NORTH OGDEN	84404	UT
87-29-0946	OWEN WAYMENT	ROUTE 2	WARREN	84404	UT
87-29-0968	RUSSEL WAYMENT	RFD 2	OGDEN	84404	UT
87-29-9329	HOLY TRINITY ABBEY		HUNTSVILLE	84317	UT
87-29-9499	ALEX PAPAGEORGE	ROUTE 3	OGDEN	84404	UT
87-29-9712	LOWELL STALLINGS		EDEN	84310	UT
88-01-9002	NEWELL J MILLS	RT 1 BOX 153	FALLON	89406	NV
88-01-9004	THOMAS PFLUM	RT 1 BOX 206	FALLON	89406	NV
88-01-9020	CHARLES FREY	RT 1	FALLON	89406	NV
88-01-9023	RITTER GONZALES	ROUTE 1 BOX 128 A	FALLON	89406	NV
88-01-9025	VIRGIL GETTO	P O BOX 345	FALLON	89406	NV
88-01-9033	ELBERT L MILLS	RT 1 BOX 38C	FALLON	89406	NV
88-03-9003	JOHN HENNINGSEN		GARDNERVILLE	89410	NV
88-15-9001	FRANK AGUIAR JR	ROUTE 1 BOX 293	FERNLEY	89408	NV
88-16-9004	FRED WEAVER	ROUTE 1 BOX 366	FERNLEY	89408	NV
88-16-9005	UNIV OF NEVADA DAIRY	5300 MILL STREET	RENO	89507	NV
91-10-0005	FRED BOOTH	RT 5 BOX 235	SEQUIM	98382	WA
91-10-0022	HAROLD E HERRETT	RTE 3 BOX 862	SEQUIM	98382	WA
91-10-0069	MYRON LANCASTER	RTE 3 BOX 170	SEQUIM	98382	WA
91-10-0074	OLYMPIC VALLEY FARM INC	RT 3 BOX 595	SEQUIM	98382	WA
91-10-0083	JAY L LANCASTER	RT 5 BOX 573	SEQUIM	98382	WA
91-10-5020	JAY L LANCASTER	RT 2 BOX 125	SEQUIM	98382	WA
91-10-5022	HAROLD E HERRETT	RTE 3 BOX 862	SEQUIM	98382	WA
91-10-5034	C A ROBINSON & SON	RT 4 BOX 150	SEQUIM	98382	WA
91-10-5064	LAMAR MILLET	RTE 3 BOX 195	SEQUIM	98382	WA
91-10-5069	MYRON LANCASTER	RTE 3 BOX 170	SEQUIM	98382	WA
91-10-5083	JAY L LANCASTER	RT 2 BOX 125	SEQUIM	98382	WA
91-11-0001	W S U	TROY HALL	PULLMAN	99163	WA
91-11-5001	W S U	TROY HALL	PULLMAN	99163	WA
91-11-5003	W S U	TROY HALL	PULLMAN	99163	WA
91-12-0013	FRANK MESSNER	RTE 1 BOX 324	BRUSH PRAIRIE	98606	WA
91-12-0028	W F BENNETT & SONS	RTE 1 BOX 53	BRUSH PRAIRIE	98606	WA
91-12-0042	WALTER HUNTINGTON	RTE 1 BOX 89	BRUSH PRAIRIE	98606	WA
91-12-0045	KEN-MAC FARM	17308 NE 39TH ST	VANCOUVER	98662	WA
91-12-0094	EARL KREINBRING	RTE 1 BOX 51	BRUSH PRAIRIE	98606	WA
91-12-0095	BEN SCHULZ	RTE 2 BOX 103	BATTLE GROUND	98604	WA
91-12-0096	DICK DUDONSKY	215 SANDY BEND PLA	CASTLE ROCK	98611	WA
91-12-0100	RAY LAGLER	RTE2 13207NE 117TH	VANCOUVER	98662	WA
91-12-0104	MR AND MRS JOHN R RINTA	STAR RT BOX 80	YACOLT	98675	WA
91-12-0112	LLOYD DEL GROSSO	ROUTE 1	BRUSH PRAIRIE	98606	WA
91-12-0117	TOTEM POLE FARMS	6620 WILLOW GROVE	LONGVIEW	98632	WA
91-12-0130	MANOR FARMS INC	6112 NE 179TH ST	VANCOUVER	98665	WA
91-12-0131	ARWANA FARMS	RT 2 BOX 72	RIDGEFIELD	98642	WA
91-12-0143	SAMMAMISH FARMS	RTE 1 BOX 41	LA CENTER	98629	WA
91-12-0146	MEADOWCHARM FARM	8616 NE 63RD ST	VANCOUVER	98662	WA
91-12-5021	B V WARNER	RTE 1 BOX 213	RIDGEFIELD	98642	WA
91-12-5117	TOTEM POLE FARMS	6620 WILLOW GROVE	LONGVIEW	98632	WA
91-12-5146	MEADOWCHARM FARM	8616 NE 63RD ST	VANCOUVER	98662	WA
91-26-0002	GEORGE & JAY ROYLANCE	EAST STAR RTE	OTHELLO	99344	WA
91-26-0023	ALVIE P & LEELOYD PEARCE	RT 2 BOX 336	MOSES LAKE	98837	WA
91-26-0047	G M ELLIOT	RT 1 BOX 290	OTHELLO	99344	WA
91-26-5023	ALVIE P & LEELOYD PEARCE	RT 2 BOX 336	MOSES LAKE	98837	WA
91-28-0022	WHARTON BROS	STAR RTE BOX 87	MONTESANO	98563	WA
91-28-0072	DARIVILLA FRANK DECK JR	RTE 1 BOX 112	OAKVILLE	98568	WA
91-28-0073	WALTER CALLESEN & SON	P O BOX 424	ELMA	98541	WA
91-28-0082	RAY WILLIAM		MALONE	98559	WA
91-28-5072	DARIVILLA FRANK DECK JR	RTE 1 BOX 112	OAKVILLE	98568	WA
91-34-0002	MARTIN HOLDENER	RTE 3 BOX 681	ENUMCLAW	98022	WA
91-34-0006	LEON ANGERER	ROUTE 1	FALL CITY	98024	WA
91-34-0013	COY BROTHERS	ROUTE 1	MONROE	98272	WA
91-34-0067	EDWARD & STEVE SINNEMA	RT 1	CARNATION	98014	WA
91-34-0074	NORMAN BROOK DAIRY	RTE 1 BOX 374	NORTH BEND	98045	WA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER. STREET OR ROUTE	TOWN	ZIP-CODE	STATE
91-34-0117	WILLIAM H KNUTSEN	16005 115TH NE	BOTHELL	98011	WA
91-34-0181	CARNATION FARMS	ROUTE 1	CARNATION	98014	WA
91-34-0210	BEVERLY WICKS	RT 1 BOX 348	ENUMCLAW	98022	WA
91-34-5002	MARTIN HOLDENER	RTE 3 BOX 681	ENUMCLAW	98022	WA
91-34-5181	CARNATION FARMS	ROUTE 1	CARNATION	98014	WA
91-38-0027	GLEN FIELD	RT 3 BOX 372	ELLENSBURG	98926	WA
91-38-0041	NANUM-VUE DAIRY	RT 5 BOX 168	ELLENSBURG	98926	WA
91-38-5030	JACOB KOOY	RTE 3 BOX 147A	ELLENSBURG	98926	WA
91-38-5052	PETER LARSEN	RT 2 BOX 227	ELLENSBURG	98926	WA
91-38-5060	ROBERT SWEDBERG	RTE 3 BOX 90	ELLENSBURG	98926	WA
91-40-0003	BEEKS HOLSTEIN FARM	RURAL RT	TROUT LAKE	98650	WA
91-40-0005	ROBERT C MC NEEL	RURAL RTE	TROUT LAKE	98650	WA
91-40-0018	DELBERT DUKE & SONS	BOX 38A	TROUT LAKE	98650	WA
91-42-0004	BLASER BROS	BOX 97 AIRPORT WAY	CHEHALIS	98532	WA
91-42-0005	CLIFFORD BUTTS	RURAL RTE 1 BOX 32	MORTON	98356	WA
91-42-0006	SIDNEY BUTTS	STAR RTE 4 BOX 43	MORTON	98356	WA
91-42-0017	RASCHKE FARMS	ROUTE 1	CHEHALIS	98532	WA
91-42-0033	JAMES J RAUPP	RTE 1 BOX 1117	TOLEDO	98591	WA
91-42-0034	WALTER C & ELLEN E MOWER	RTE 2 BOX 13	WINLOCK	98596	WA
91-42-0050	LEPRECHAUN HOLSTEINS	RTE 1 BOX 800	CENTRALIA	98531	WA
91-42-0062	BILL WOOD	RTE 1 BOX 153	ONALASKA	98570	WA
91-42-0095	WESTLUND DAIRY	RT 4 BOX 63	CHEHALIS	98532	WA
91-42-5005	CLIFFORD BUTTS	RURAL RTE 1 BOX 32	MORTON	98356	WA
91-42-5034	WALTER C & ELLEN E MOWER	RTE 2 BOX 13	WINLOCK	98596	WA
91-42-5050	LEPRECHAUN HOLSTEINS	RTE 1 BOX 800	CENTRALIA	98531	WA
91-42-5058	ALLEN SCHMIT	ROUTE 3	CHEHALIS	98532	WA
91-42-5062	BILL WOOD	RTE 1 BOX 153	ONALASKA	98570	WA
91-50-0010	RICHARD W HAWLEY		MENLO	98561	WA
91-50-0021	LAWRENCE NEWMAN	RTE 1 BOX 214	RAYMOND	98577	WA
91-50-5007	JACK BURKHALTER	ROUTE 1	RAYMOND	98577	WA
91-54-0004	RAINIER STATE SCHOOL		BUCKLEY	98321	WA
91-54-0020	ELMER D LARSON	RTE 1 BOX 97 B	ROY	98580	WA
91-54-0063	PAUL I TOMCHICK	20902 WEBSTER RD E	GRAHAM	98338	WA
91-54-0072	WILCOX FARMS	RTE 1 BOX 71	ROY	98580	WA
91-54-0085	AUGUST SOLER	RT 1 BOX 178	ORTING	98360	WA
91-54-0120	CHARLES OCHSNER	RTE 3 BOX 2221	SUMNER	98390	WA
91-54-5004	RAINIER STATE SCHOOL		BUCKLEY	98321	WA
91-54-5072	WILCOX FARMS	RTE 1 BOX 71	ROY	98580	WA
91-54-5110	LOUIE DECK	RTE 1 BOX 63	CATONVILLE	98328	WA
91-58-0020	MARTIN BOON	1695 BOON RD	OAK HARBOR	98277	WA
91-58-0025	FAR WEST FARMS INC	12508 FIELD RD	BOW	98232	WA
91-58-0035	KEITH EGBERT	ROUTE 1	BOW	98232	WA
91-58-0042	ANN FERNIE	ROUTE 2	SEDRO WOOLLEY	98284	WA
91-58-0045	WESTERN GLOW FARM	RT 2	BOW	98232	WA
91-58-0046	GLADCO HOLSTEIN FARM	2034 MUD LAKE RD	MT VERNON	98273	WA
91-58-0054	ISLAND VIEW FARMS INC	1240 ALLEN WEST RD	BOW	98232	WA
91-58-0091	ISLAND GLOW FARM	RT 1 BOX 173	COUPEVILLE	98239	WA
91-58-0095	WILLIAM & JOHN SMALLEY	RTE 1 BOX 392	BOW	98232	WA
91-58-0110	TENNESON BROS	ROUTE 1	SEDRO WOOLLEY	98284	WA
91-58-0122	HAPPY HERD DAIRY	1240 W ARNOLD RD	OAK HARBOR	98277	WA
91-58-0132	JOHN M YOUNGQUIST	ROUTE 1	BOW	98232	WA
91-58-0145	MERLE MILLER	ROUTE 1	BURLINGTON	98233	WA
91-58-0193	IRVING HOE & SONS	RT 6 BOX 310	MT VERNON	98273	WA
91-58-0197	HENRY DYKSTRA	883 ERSHIG RD	BOW	98232	WA
91-58-0198	SHERMAN TURKEY FARM INC	RTE 1 BOX 111	COUPEVILLE	98239	WA
91-58-0212	VICTOR R JENSEN	RT 1 BOX 163A	BOW	98232	WA
91-58-0217	DUNWHEELIN FARM	RT 1 BOX 232	BURLINGTON	98233	WA
91-58-0221	JOHN OOSTERHOF	1104 MCLEAN RD	MT VERNON	98273	WA
91-58-0273	JOHN POSTMA	RTE 1 BOX 309	SEDRO WOOLLEY	98284	WA
91-58-5007	CHUKLUCK FARMS INC	ROUTE 1	BURLINGTON	98233	WA
91-58-5012	RUSSELL AXELSON	RTE 6 BOX 263	MT VERNON	98273	WA
91-58-5019	CORNIE P BOON	ROUTE 2	OAK HARBOR	98277	WA
91-58-5025	CHAS DAHON & SONS	RT 1	BOW	98232	WA
91-58-5037	BROCKWELL FARMS INC	ROUTE 1	BOW	98232	WA
91-58-5045	FRIEDRICHS BROS	ROUTE 2	BOW	98232	WA
91-58-5056	ALBERT JOHNSON	RTE 3 BOX 39	MT VERNON	98273	WA
91-58-5057	HUBERT JOHNSON	ROUTE 3	MT VERNON	98273	WA
91-58-5110	TENNESON BROS	ROUTE 1	SEDRO WOOLLEY	98284	WA
91-58-5132	JOHN M YOUNGQUIST	ROUTE 1	BOW	98232	WA
91-58-5159	HARVEY HOLDEN	2142 HANN RD	MT VERNON	98273	WA
91-58-5198	SHERMAN TURKEY FARM INC	RTE 1 BOX 111	COUPEVILLE	98239	WA
91-62-0001	BAILAND FARMS	RTE 3 BOX 23	SNOHOMISH	98290	WA
91-62-0002	FARM INDUSTRIES 153	P O BOX 90	MONROE	98272	WA
91-62-0009	BARTELHEIMER BROS	12224 HWY 2	SNOHOMISH	98290	WA
91-62-0010	EDWARD K BRETCHENOW	ROUTE 2	MONROE	98272	WA
91-62-0021	FRANK J BUELER	RTE 1 BOX 175	SNOHOMISH	98290	WA
91-62-0072	DUANE KUHLMAN	3300 MACHIAS RD	SNOHOMISH	98290	WA
91-62-0116	WILLIAM A TOIVONEN	RTE 2 BOX 169A	EVERETT	98201	WA
91-62-0187	JERRY SMALL	6525 300TH ST NW	STANWOOD	98292	WA
91-62-0220	JOHN J DECK	RTE 1 BOX 243	MONROE	98272	WA
91-62-0222	WILBUR EPPINGA	RTE 1 BOX 515	MONROE	98272	WA
91-62-5001	BAILAND FARMS	RTE 3 BOX 23	SNOHOMISH	98290	WA
91-62-5002	FARM INDUSTRIES 153	P O BOX 90	MONROE	98272	WA
91-62-5016	WILLIAM H BOYDEN	RTE 2 BOX 310	MONROE	98272	WA
91-62-5067	ARGYLE KNIGHT	RTE 3 BOX 1	SNOHOMISH	98290	WA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
91-62-5107	DON STEFFEN & SON	RTE 3 BOX 182	MONROE	98272	WA
91-62-5165	DARREL RICCI	RTE 3 BOX 62	SNOHOMISH	98290	WA
91-64-0025	J L & DAVID ECCLES	RURAL RTE	MEDICAL LAKE	99022	WA
91-64-0073	BETTYDON JERSEY	RURAL RTE	DEER PARK	99006	WA
91-64-0135	RANDE KUHMER	RURAL RTE	DEER PARK	99006	WA
91-64-0192	ANGEL ACRE FARMS	RT 1 BOX 140	COLBERT	99005	WA
91-64-5025	J L & DAVID ECCLES	RURAL RTE	MEDICAL LAKE	99022	WA
91-64-5073	BETTYDON JERSEY	RURAL RTE	DEER PARK	99006	WA
91-66-0008	E S FIELD	RURAL RTE	VALLEY	99181	WA
91-66-0015	MERLE LORENTZ	ROUTE 1	CHEWELAH	99109	WA
91-66-0102	DON BRASHLER	ROUTE 1	ADDY	99101	WA
91-68-0011	W J ELWANGER & SONS	RTE 5 BOX 505A	OLYMPIA	98502	WA
91-68-0024	EARL KEGLEY	RT 16 BOX 115B	OLYMPIA	98506	WA
91-68-0031	JOHN ALBERT MC MONIGLE	RT 1 BOX 1198	YELM	98597	WA
91-68-0124	CLARMAR JERSEY FARM	RT 1 BOX 1756	YELM	98597	WA
91-68-5031	JOHN ALBERT MC MONIGLE	RT 1 BOX 1198	YELM	98597	WA
91-68-5060	KENNETH LONGMIRE	RTE 4 BOX 385	OLYMPIA	98501	WA
91-68-5115	FAIRLEA JERSEYS	RTE 2 BOX 282	CENTRALIA	98531	WA
91-70-0002	FRANK WEBB	STAR RTE	SKAMOKAWA	98647	WA
91-70-0025	DON WAGES	BOX 157	CATHLAMET	98612	WA
91-70-0030	WALLACE A KASTE	PUGIS HOLSTEIN RTE	CATHLAMET	98612	WA
91-70-0042	RIVIERA JERSEY FARM	RTE 1 BOX 272	CATHLAMET	98612	WA
91-70-0043	CHAS EMERICK DVM	BOX 174	CATHLAMET	98612	WA
91-70-5027	ARTHUR VIK	ROUTE 1	CATHLAMET	98612	WA
91-72-0010	DONALD TOMLINSON	RTE 2 BOX 319	WALLA WALLA	98362	WA
91-72-0020	WALLA WALLA COLLEGE FARM	% WM KOENIG RTE 2	WALLA WALLA	99362	WA
91-72-0030	ROBERT H REUTER	RT 1 BOX 89	HERMISTON	97838	OR
91-72-0031	JERRY WATERS	RT 1 BOX 66	STANFIELD	97875	OR
91-72-0032	JERRY WATERS	RT 1 BOX 66	STANFIELD	97875	OR
91-72-5010	DONALD TOMLINSON	RTE 2 BOX 319	WALLA WALLA	98362	WA
91-72-5020	WALLA WALLA COLLEGE FARM	% WM KOENIG RTE 2	WALLA WALLA	99362	WA
91-72-5028	GORDON G ANDERSEN	RT 1 BOX 188	HERMISTON	97838	OR
91-72-5030	ROBERT H REUTER	RT 1 BOX 89	HERMISTON	97838	OR
91-72-5031	JERRY WATERS	RT 1 BOX 66	STANFIELD	97875	OR
91-74-0017	FRED POLINDER JR	1093 POLINDER RD	LYNDEN	98264	WA
91-74-0022	FRED REHM & SON	199 H ST RD	LYNDEN	98264	WA
91-74-0025	PAUL FORTHUN	3262 E BADGER RD	EVERSON	98247	WA
91-74-0035	BOON BROS	RT 1 BOX 12	SUMAS	98295	WA
91-74-0038	ALLEN DE GROOT	102 MEAD AVE	EVERSON	98247	WA
91-74-0039	CLARENCE EROMAN	5465 ALDRICH RD	BELLINGHM	98225	WA
91-74-0044	WILLIAM MANTHEY	1272 MANTHEY RD	BELLINGHAM	98225	WA
91-74-0070	J B WASCHKE	628 W SMITH RD	BELLINGHAM	98225	WA
91-74-0071	FLOYD SANDELL	2445 E BAKERVIEW R	BELLINGHAM	98225	WA
91-74-0078	GERALD MANTHEY	5643 ALDRICH RD	BELLINGHAM	98225	WA
91-74-0084	MARIUS R VANDER GRIEND	8759 GUIDE MERIDIA	LYNDEN	98264	WA
91-74-0118	ROZELYN FARM	9265 DOUBLE DITCH	LYNDEN	98264	WA
91-74-0144	GERALD DIGERNESS	VISTA LAND FARMS R	SUMAS	98295	WA
91-74-0146	GRANDVIEW FARMS	3185 GRANDVIEW RD	FERNDALE	98248	WA
91-74-0149	ARNOLD L OLSON	3418 E BADGER	EVERSON	98247	WA
91-74-0169	TED HEERINGA	8844 BENDER RD	LYNDEN	98264	WA
91-74-0175	ROD ERICKSON	6343 CHURCH RD	FERNDALE	98248	WA
91-74-0186	KULSHAN FARMS	6757 HANNEGAN	EVERSON	98247	WA
91-74-0190	HERVIN DYKSTRA	ROUTE 1	SUMAS	98295	WA
91-74-0212	ELTON VISSER	RTE 1	SUMAS	98295	WA
91-74-0219	GERRIT STERK	8740 VAN BUREN RD	EVERSON	98247	WA
91-74-0222	DAVID RICHNER	3805 HOFF RD	EVERSON	98247	WA
91-74-0253	PETE HEG	8346 DOUBLE DITCH	LYNDEN	98264	WA
91-74-0261	HILBERT VISSER	VIACRE FARM RT 1	SUMAS	98295	WA
91-74-5003	T J BAY	8526 BENSON RD	LYNDEN	98264	WA
91-74-5027	MARIE & ALVIN CALLENIUS	ROUTE 1	SUMAS	98295	WA
91-74-5045	LEWIS VAN MERSBERGEN	906 PANGBORN RD	LYNDEN	98264	WA
91-74-5047	RONELEE FARM	8075 BYLSMA RD	LYNDEN	98264	WA
91-74-5067	MARVIN VAN MERSBERGEN	1492 PANGBORN RD	LYNDEN	98264	WA
91-74-5071	FLOYD SANDELL	2445 E BAKERVIEW R	BELLINGHAM	98225	WA
91-74-5111	FRANS C VANDER GRIEND	401 W MAIN ST	LYNDEN	98264	WA
91-74-5118	ROZELYN FARM	9265 DOUBLE DITCH	LYNDEN	98264	WA
91-74-5212	ELTON VISSER	RTE 1	SUMAS	98295	WA
91-78-0131	KENNETH WINTERS	RT 1 BOX 366A	MABTON	98935	WA
91-78-0132	WILLARD WINTERS	RTE 1 BOX 366B	MABTON	98935	WA
91-78-0140	ROBERT A RASMUSSEN	RT 2 BOX 478	TOPPENISH	98948	WA
91-78-5002	ART WINTERS	ROUTE 3	WAPATO	98951	WA
91-78-5131	KENNETH WINTERS	RT 1 BOX366A	ABTON	98935	WA
92-02-5024	OREGON STATE COLLEGE	120 WITHYCOMBE HAL	CORVALLIS	97331	OR
92-03-0027	CARL L ASCHOFF	15555 SE 287 AVE	BORING	97009	OR
92-03-0039	MR & MRS RICHRD BOECKMAN	RTE 1 BOX 652	WILSONVILLE	97070	OR
92-03-0042	RUDOLPH LUSCHER	RTE 1 BOX 190	WEST LINN	97068	OR
92-03-0048	MEIER DAIRY FARMS	27055 SE HWY 212	BORING	97009	OR
92-03-0064	ARNOLD MOORE	30207 SE KELSO DR	BORING	97009	OR
92-03-0097	GERHARD LEWIS	RTE 1 BOX 188	MULINO	97042	OR
92-03-0120	HAROLD OTTA	RT 2 BOX 380	CANBY	97013	OR
92-03-0133	OTTO STRAUB	RTE 1 BOX 184	HUBBARD	97032	OR
92-03-0135	MAX SHERMAN	29011 S NEEDY RD	CANBY	97013	OR
92-03-0137	PAUL WEBER	RT 1 BOX 574	WESTLINN	97068	OR
92-03-0139	MR & MRS G HORNING JR	RTE 1 BOX 804	WILSONVILLE	97070	OR
92-03-5008	STAEHELY BROS	21301 S CENTRAL PT	OREGON CITY	97045	OR

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
92-03-5048	MEIER DAIRY FARMS	RURAL RT	BORING	97009	OR
92-03-5097	GERHARD LEWIS	RTE 1 BOX 188	MULINO	97042	OR
92-03-5137	PAUL WEBER	RT 1 BOX 574	WESTLINN	97068	OR
92-03-5138	JAMES MADSEN	RTE 2 BOX 203	WOODBURN	97071	OR
92-04-0050	DAVID SUTTER	RTE 4 BOX 389	ASTORIA	97103	OR
92-04-0056	MONTE KINSLEY	P O BOX 37	BROWNSMEAD	97012	OR
92-04-5038	OSU ASTOR BRANCH EXP STA	RTE 1 BOX 921	ASTORIA	97103	OR
92-05-0026	DONALD R MEIER	RTE 2 BOX 274	SCAPPOOSE	97056	OR
92-05-5026	DONALD R MEIER	RTE 2 BOX 274	SCAPPOOSE	97056	OR
92-06-0002	MYRTLECRST DAIRY G ROOD	ARAGO RT BOX 808	MYRTLE POINT	97458	OR
92-06-0035	KENNETH LAIRD	SITKUM RT BOX L28A	MYRTLE POINT	97458	OR
92-06-0050	B H FRANSSEN	RTE 1 BOX 1370	COQUILLE	97423	OR
92-06-0059	SUN VALLEY FARMS B SEALS	BOX 326	MYRTLE POINT	97458	OR
92-06-0093	DAROLD PETERSON	3040 SHUTTERS LAND	NORTH BEND	97459	OR
92-06-5049	LEONARD SCOLARI	BOX 5820 FAIRVIEW	COQUILLE	97423	OR
92-06-5068	MR & MRS ORVAL SYPHER	BOX 278 S COOS RIV	COOS BAY	97420	OR
92-08-0006	SWEET JERSEYS L KREUTZE	STAR RT BOX 80	LANGLOIS	97450	OR
92-08-5006	SWEET JERSEYS L KREUTZER	STAR RTE BOX 10A	SIXES	97476	OR
92-09-0059	MILANS FARM HERD 1	RTE 2 BOX 169	POWELL BUTTE	97753	OR
92-10-0003	AUER JERSEY FARM	RTE 1 BOX 374	MYRTLE CREEK	97457	OR
92-13-0026	FLOYD SMITH	9815 WILLIAMS HGWY	GRANTS PASS	97526	OR
92-13-0029	VAL ROGUE GUERNSEY FARM	P O BOX 1327	GRANTS PASS	97526	OR
92-13-0062	ILLIVALE FARMS	RTE 1 BOX 720	CAVE JUNCTION	97523	OR
92-13-0100	PINEY GLEN HOLSTEINS	SOUTH MYRTLE RT BO	MYRTLE CREEK	97457	OR
92-13-0102	JERRY NOBLE HERD #2	260 KUBIL RD	GRANTS PASS	97526	OR
92-13-0109	JAKE VANDER STOEL	15950 HIWAY 238	GRANTS PASS	97526	OR
92-14-5020	SHASTA VIEW DAIRY	RT 1 BOX 451	WEED	96094	CA
92-16-0016	GERALD FLANAGAN	550 MEADOW VIEW RD	JUNCTION CITY	97448	OR
92-16-0022	HAROLD CLARK	82025 N DAVISON RD	CRESWELL	97426	OR
92-16-0024	HEMEN WAY FARMS	RTE 1 BOX 746	COTTAGE GROVE	97424	OR
92-16-0027	FOSTER HARROLD & SONS	BOX 83647 DALE KUN	CRESWELL	97426	OR
92-16-0098	JOHN WINTER JR	1201 HOWARD LANE	JUNCTION CITY	97448	OR
92-16-0124	JAMES GETCHELL	83442 N ROGERS RD	CRESWELL	97426	OR
92-16-5024	HEMEN WAY FARMS	RTE 1 BOX 746	COTTAGE GROVE	97424	OR
92-16-5109	THE KJELDES	BOX 531 B B RT	COTTAGE GROVE	97424	OR
92-18-0008	RAY RUBY	RTE 3 BOX 16	SCIO	97374	OR
92-18-0027	JESSE GRIESER	4969 SE COLUMBUS S	ALBANY	97321	OR
92-18-0047	HUGHES DAIRY FARM	RTE 1 BOX 126	HALSEY	97348	OR
92-18-0051	LLOYD POUBLON	RURAL RTE 1 BOX 32	HARRISBURG	97446	OR
92-18-0094	SANTIAM DAIRY	RTE 2 BOX 416	LEBANON	97355	OR
92-18-0098	CLINTON BROWN	RT 1 BOX 54	SHEDD	97377	OR
92-18-5094	SANTIAM DAIRY	RTE 2 BOX 416	LEBANON	97355	OR
92-19-0128	MRS EARL FAW	RT 2 BOX 44	VALE	97918	OR
92-20-0012	HERBERT S COLEMAN	RTE 1 BOX 350	WOODBURN	97071	OR
92-20-0024	ORVILLE L BROWN	RTE 1 BOX 417	WOODBURN	97071	OR
92-20-0033	MT ANGEL ABBEY DAIRY		ST BENEDICT	97373	OR
92-20-0041	HOBSON BROS	RT 1 BOX 329	WOODBURN	97071	OR
92-20-0065	F L ZIELINSKI	P O BOX 114	ST PAUL	97137	OR
92-20-0100	SAR BEN FARMS INC	STAR RTE BOX 88	ST PAUL	97137	OR
92-20-0103	VANLORE FARMS	RT 1 BOX 40	JEFFERSON	97352	OR
92-20-0108	PAUL & DELORES MANN	RTE 1 BOX 305	SILVERTON	97381	OR
92-20-0126	SYTSMAS EVERGREEN DAIRY	10825 WY PRK DRNE	SALEM	97305	OR
92-20-5024	ORVILLE L BROWN	RTE 1 BOX 417	WOODBURN	97071	OR
92-20-5054	C J JORGENSON & SONS	RTE 1 BOX 201	JEFFERSON	97352	OR
92-20-5108	PAUL & DELORES MANN	RTE 1 BOX 305	SILVERTON	97381	OR
92-20-5120	KENNETH CHAFFEY & SONS	RTE 2 BOX 188	AURORA	97002	OR
92-22-0021	CAL-GON FARMS	RT 1 BOX 468	SALEM	97304	OR
92-22-0055	BARBERS JERSEY FARM	RTE 1 BOX 127	WILLAMINA	97396	OR
92-22-5045	HELEN M & HAROLD M CHERRY	RTE 1 BOX 447	SALEM	97304	OR
92-22-5055	BARBERS JERSEY FARM	RTE 1 BOX 127	WILLAMINA	97396	OR
92-22-5058	JOHN & CAROL LINDOW	RT 3 BOX 158	DALLAS	97388	OR
92-23-0004	DAVE & DONNA LEUTHOLD	8540 FAIRVIEW RD	TILLAMOOK	97141	OR
92-23-0024	NICKOLAS STEINER	3785 NEILSEN RD	TILLAMOOK	97141	OR
92-23-0027	MARTIN C BLASER	345 TONE RD	TILLAMOOK	97141	OR
92-23-0046	DURRER BROS	2845 MC CORMICK LO	TILLAMOOK	97141	OR
92-23-0047	TRASK VIEW FARMS INC	6255 BEELER RD	TILLAMOOK	97141	OR
92-23-0049	STANLEY JONES	RTE 2 BOX 241	CLOVERDALE	97112	OR
92-23-0089	ALDERVALE HOLSTEIN FARM	RTE 1 BOX 262	NEHALEM	97131	OR
92-23-0106	HARVEY WYSS	9600 TRASK RIVER R	TILLAMOOK	97141	OR
92-23-0108	JOHN LOVE	RTE 2 BOX 240	CLOVERDALE	97112	OR
92-23-0114	WIDMER FARMS	10115 FAIRVIEW RD	TILLAMOOK	97141	OR
92-23-0129	KENNETH TOHL	2020 MC CORMICK LO	TILLAMOOK	97141	OR
92-23-0150	THUN BROS FARMS	1814 MAROLF DR	TILLAMOOK	97141	OR
92-23-0154	DAN LEUTHOLD	2425 MC CORMICK LO	TILLAMOOK	97141	OR
92-23-0157	NES-TILL JERSEY FARM	STAR RT BOX 40	BEAVER	97108	OR
92-23-0163	RICHARD WOODWARD	RTE 1 BOX 236	NEHALEM	97131	OR
92-23-0172	GLEN JOHNSTON	325 ECKLOFF RD	TILLAMOOK	97141	OR
92-23-0175	TRASK VIEW FARMS INC	6255 BEELER ROAD	TILLAMOOK	97141	OR
92-23-0185	ROBERT M HOWARD	RT 1 BOX 500	BAY CITY	97107	OR
92-23-5002	ROBERT ATKINSON	RTE 2 BOX 159	CLOVERDALE	97112	OR
92-23-5024	STEINER & STEINER	3785 NEILSEN RD	TILLAMOOK	97141	OR
92-23-5150	THUN BROS FARMS	1814 MAROLF DR	TILLAMOOK	97141	OR
92-27-0025	FRANCIS HERTEL	RTE 1 BOX 71	CORNELIUS	97113	OR
92-27-0030	DAIRY FOLKS FARMS	RTE 2 BOX 396	FOREST GROVE	97116	OR
92-27-0108	JOHN M THOMAS	16575 SW 85TH	TIGARD	97223	OR

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
92-27-0131	WILBUR P JANSEN	RTE 2 BOX 224	FOREST GROVE	97116	OR
92-27-5025	FRANCIS HERTEL	RTE 1 BOX 71	CORNELIUS	97113	OR
92-27-5030	DAIRY FOLKS FARMS	RTE 2 BOX 396	FOREST GROVE	97116	OR
92-27-5037	WILLIAM E MARSH	MARSH FARMS RT 3 B	CORNELIUS	97113	OR
92-27-5129	JOE EVERS	ROUTE 1	BANKS	97106	OR
92-28-0047	GEORGE WARMINGTON	RTE 2 BOX 152	MC MINNVILLE	97128	OR
92-28-0076	D H BOERSMA	RTE 2 BOX 45A	MC MINNVILLE	97128	OR
92-28-0077	STANLEY BANSEN	RT 2 BOX 269	DAYTON	97114	OR
92-28-0088	ROBERT M HOWARD	RT 2 BOX 267	GASTON	97113	OR
92-28-0180	LLOYD C BANSEN	RT 1 BOX 157	YAMHILL	97148	OR
92-28-5077	STANLEY BANSEN	RT 2 BOX 269	DAYTON	97114	OR
93-04-9041	ARTHUR AVRIT	ROUTE 4 BOX 217	CHICO	95926	CA
93-04-9042	MR. MANUEL BORGES	DAIRY DEPT.	CHICO	95926	CA
93-07-0002	BURROUGHS BROS	RT. 2 BOX 486	OAKLEY	94561	CA
93-10-0027	DULESO GUERNSEY DAIRY	255 N. GRANTLAND	FRESNO	93715	CA
93-10-0036	FOGLIO BROS	9715 W CALIF AVE	FRESNO	93706	CA
93-10-0037	T P & GLEN KOLLER	5411 W CALIF AVE	FRESNO	93706	CA
93-10-0044	JOE SOUZA DAIRY	8415 SO VALENTINE	FRESNO	93706	CA
93-10-0094	KEN KUCKENBAKER	421 W MT WHITNEY A	RIVERDALE	93656	CA
93-10-0140	JOE E COX	5486 W FLORAL	CARUTHERS	93609	CA
93-10-0167	HARPAINS DAIRY FARM	3949 N BARTON	FRESNO	93726	CA
93-10-0207	ANDY ANDERSON	13542 S BLYTHE	CARUTHERS	93609	CA
93-10-0213	CANDY LANE DAIRY	4218 W MUSCAT	FRESNO	93721	CA
93-10-0266	RICHARD BALL	16508 S. CLOVIS AV	SELMA	93662	CA
93-10-0283	R A & DOUGLAS MADDOX	7285 W DAVIS AVE	RIVERDALE	93656	CA
93-10-9011	CALIF STATE UNIV FRESNO	DAIRY PROD DEPT	FRESNO	93706	CA
93-10-9018	MAUR-LIND HOLSTEINS	3040 S. RIVER BEND	SANGER	93657	CA
93-10-9032	J C ANDRESEN	10610 W WHITESBRID	FRESNO	93706	CA
93-10-9040	A J QUIST DAIRY	5500 W JENSEN	FRESNO	93706	CA
93-10-9058	NINO GROPPETTI & SON	P. O. BOX 646	SAN JOAQUIN	93660	CA
93-10-9156	HILLSPRIDE HOLSTEINS	18565 SOUTH MARKS	RIVERDALE	93656	CA
93-10-9175	RU ANN DAIRY	7285 W DAVIS AVE	RIVERDALE	93656	CA
93-10-9278	PRODUCERS HOLSTEIN	144 E BELMONT	FRESNO	93701	CA
93-11-0067	DANIEL A MILLER & SON	ROUTE 2 BOX 68	ORLAND	95963	CA
93-11-0189	DAVID LA GRONE	ROUTE 2 BOX 41 A	ORLAND	95963	CA
93-11-0200	FRANK VIERRA	P. O. BOX 367	MAXWELL	95955	CA
93-11-9001	BAILEY BROTHERS	RT 1 BOX 454	GLENN	95943	CA
93-11-9039	FARMCREST DAIRY	ROUTE 1 BOX 172	ORLAND	95963	CA
93-12-0002	JOHN GIACOMINI	RT 1 BOX 748	EUREKA	95501	CA
93-12-0011	JOSEPH M REGLI	RFD BOX 13	FERNDALE	95536	CA
93-12-0031	ERNEST BOYNTON	RFD BOX 253 A	FERNDALE	95536	CA
93-12-0057	GENE SENESTRARO	ROUTE 1 BOX 766	EUREKA	95501	CA
93-12-0089	HUNTS CREAMLIN DAIRY	RT 1 BOX 472	FORTUNA	95540	CA
93-12-0094	CARL RENNER	RT 1 BOX 341	FORTUNA	95540	CA
93-12-0113	PHIL NYBERG	ROUTE 1 BOX 521	FORTUNA	95540	CA
93-12-0118	LLOYD BANSON	P O BOX 372	FENDALE	95536	CA
93-12-0119	ERNEST GIACOMINI	R.F.D. BOX 9	FERNDALE	95536	CA
93-12-0146	PHIL REGLI	RFD BOX 11	FERNDALE	95536	CA
93-12-7072	RICHARD W BRYANT	RT 1 BOX 81A	FERNDALE	95536	CA
93-12-7136	HERMAN CHRISTIANSEN	1414 FISHER AVE	MCKINLEYVILLE	95521	CA
93-12-9005	DONALD F GIACOMINI	R F D BOX 56	FERNDALE	95536	CA
93-12-9010	A J REGLI	ROUTE 1 BOX 12	FERNDALE	95536	CA
93-12-9061	J W COPPINI ESTATE	P. O. BOX 535	FERNDALE	95536	CA
93-12-9075	DONALD W KEMPF	PO BOX 115	LOLETA	95551	CA
93-15-0046	HANK RODENBURG	ROUTE 2 BOX 657	BAKERSFIELD	93307	CA
93-15-0057	PALLA WAYNE	RT 3 BOX 517	BAKERSFIELD	93307	CA
93-15-0084	LAZY TEE CEE RANCH	RT 6 BOX 508	BAKERSFIELD	93307	CA
93-15-0089	DORADA VISTA DAIRY	ROUTE 6 BOX 534 G	BAKERSFIELD	93307	CA
93-16-0148	SOARES JOE M	11560 8TH AVE	HANFORD	93230	CA
93-16-0171	FRANK SANTOS	22419 ELDER AVE	RIVERDALE	93656	CA
93-16-9001	DIAMOND A REGISTRY	5484 13TH AVENUE	HANFORD	93230	CA
93-16-9010	CLARKHOME INC	14541 10TH AVENUE	HANFORD	93230	CA
93-16-9011	CAL CLARK FARMS	15964 10TH AVENUE	HANFORD	93230	CA
93-16-9050	PAULO BROS REG	13245 9TH AVENUE	HANFORD	93230	CA
93-16-9054	MILLS FARMS	12812 9TH AVENUE	HANFORD	93230	CA
93-16-9166	CELO BAR RANCH	7974 GRANGEVILLE	HANFORD	93230	CA
93-20-0061	SHERMAN THOMAS RANCH	25810 AVENUE 11	MADERA	93637	CA
93-20-9038	MASSARO HENRY	20691 ROAD 16	CHOWCHILLA	93610	CA
93-21-0009	ERNEST CORDA	833 CHILENO VALLEY	PETALUMA	94952	CA
93-21-0019	JAMES GROSSI	4025 NOVATO BLVD	NOVATO	94947	CA
93-21-0125	WILLIAM MOREDA	965 ANTONIO ROAD	PETATUMA	94952	CA
93-21-0130	JOE BRAZIL JR.	3375 SPRING HILL R	PETATUMA	94952	CA
93-21-9062	CHARLIE SPALETTA	6701 RED HILL RD	PETALUMA	94952	CA
93-24-0001	SILVA F J AND SONS	22120 CRANE AVENUE	HILMAR	95324	CA
93-24-0010	NELSON DENNIS	19427 GEER AVENUE	HILMAR	95324	CA
93-24-0029	R.H. DAIRY	631 NICKEL ST.	LOS BANOS	93635	CA
93-24-0031	H G FAWCETT FARMS	P O BOX 231	LOS BANOS	93635	CA
93-24-0074	FRANKLYN MATHERON	21859 CRANE RD	HILMAR	95324	CA
93-24-0079	EGLI JOE AND SONS	21889 AUGUST AVE	HILMAR	95324	CA
93-24-0084	O AND O DAHLQUIST	23570 GEER AVE	HILMAR	95324	CA
93-24-0094	DOUGLAS BOLUND	20816 WILLIAMS AVE	HILMAR	95324	CA
93-24-0233	ALBERT MANCEBO	43490 W HART	DOS PALOS	93620	CA
93-24-0313	F CODERNIZ AND SON	40762 W VALERIA	DOS PALOS	93620	CA
93-24-0353	HIGLIAZZO & SONS	3645 W. BRADSHAW R	MERCED	95340	CA
93-24-0411	WILBAR FARMS	PO BOX 6	GUSTINE	95322	CA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
93-24-0447	L REBELO & CO	6255 SO HALEY ROAD	GUSTINE	95322	CA
93-24-0500	G L COZZITORTO	995 JENSEN RD	GUSTINE	95322	CA
93-24-0534	HICKSTROM DUANE	20849 TURNER AVE	HILMAR	95324	CA
93-24-0552	GEORGE NUNES	3105 N TRINDADE RD	MERCED	95340	CA
93-24-0555	PHIL FANNELLI	7689 WASHINGTON	HILMAR	45324	CA
93-24-0559	JACK MC CLELLAN	20633 TURNER AVE	HILMAR	95324	CA
93-24-0568	MT VALLEY DAIRY	19254 AUGUST AVE	HILMAR	95324	CA
93-24-9062	FARNSWORTH BROS.	RT 2 BOX 260	LE GRAND	95333	CA
93-24-9099	JOHN G VIERRA	20755 WEST RIVER R	STEVINSON	95374	CA
93-24-9180	JOSEPH L. VIERRA & SON	CRESSEY RD.	LIVINGSTON	95334	CA
93-24-9454	VICTOR L GOUVEIA, JR	23561 TURNER AVE	HILMAR	95324	CA
93-24-9667	EVERETT HANNEYTE	2231 ZEERING ROAD	DENAIR	95316	CA
93-27-0007	MISSION DAIRY	P O BOX 226	GONZALES	93926	CA
93-27-0024	SOLEDAD C T F	BOX 700	SOLEDAD	93960	CA
93-27-0054	MOON GLOW DAIRY	P. O. BOX 62	MOSS LANDING	95039	CA
93-27-0070	SILVIO SALA & SON	220 HARRISON ROAD	SALINAS	93901	CA
93-27-0072	ALVES DAIRY	2205 S CABRILLO	HALF MOON BAY	94019	CA
93-27-7076	E H & H T FOSTER	38 PAULSON ROAD	WATSONVILLE	95076	CA
93-27-9002	RINCON DAIRY	P. O. BOX 616	GONZALES	93926	CA
93-27-9004	WES BRESCHINI	ROUTE 3 BOX 6-A	SOLEDAD	93960	CA
93-27-9029	BLANCO DAIRY	580 SAN JUAN ROAD	SALINAS	93901	CA
93-33-0056	*J F SAUNDERS*	RT 1 BOX 329A	CORONA	91720	CA
93-33-0125	GENE OOSTEN	8345 ARCHIBALD AVE	CORONA	91720	CA
93-33-0126	JAY EM BEE FARMS	5810 SUMNER AVENUE	CHINO	91710	CA
93-33-0134	BERNARD TEUNISSEN	RT 1 BOX 202	CORONA	91720	CA
93-33-0136	ARIE BREEDYK & SONS	4789 EDISON AVE	CHINO	91710	CA
93-33-0189	L.A. PIERCE COLLEGE	6201 WINNETKA AVEN	WOODLANDHILLS	91364	CA
93-33-0191	PAULS DAIRY	6170 PARAMOUNT BLV	LONG BEACH	90805	CA
93-33-0194	HENRY STERK	6683 CHINO AVE	CHINO	91710	CA
93-33-0195	RALPH TE VELDE	6828 ARCHIBALD AVE	CORONA	91720	CA
93-33-0197	WAYSIDE HONOR RANCHO	RT. 3 BOX 1000	SAUGUS	91350	CA
93-33-0205	SCHAAFSMA BROS. DAIRY	7233 CHINO AVENUE	ONTARIO	91761	CA
93-33-0206	PETE VANDERHAM	10613 LIGGETT AVEN	NORWALK	90650	CA
93-33-0234	ARTEVEL FARMS	7255 SCHAEFFER AVE	CHINO	91710	CA
93-33-9010	L D S WELFARE RANCH	6313 ARCHIBALD AVE	CORONA	91720	CA
93-33-9041	EXCELSIOR FARMS	RT 1 BOX 128	CORONA	91720	CA
93-33-9079	BOS DAIRY	6431 WINEVILLE	MIRA LOMA	91752	CA
93-34-0190	JOHN WIETSMA	ROUTE 1 BOX 117	WILTON	95693	CA
93-34-0228	CHARLES CABRAL	RT 1 BOX 350	GALT	95632	CA
93-34-0268	RAVEN & SOUZA	RT 2 BOX 740	GALT	95632	CA
93-34-0276	*LEROY HEURET*	P O BOX 23	WILTON	95693	CA
93-34-0282	WILBERT FAGUNDES	5942 RIO LINDA BLV	RIO LINDA	95673	CA
93-34-9076	BAY MEADOW FARM	RT 1 BOX 504	GALT	95632	CA
93-34-9154	JAMES LINDSAY	RT 2 BOX 2735	ELK GROVE	95624	CA
93-36-0004	DAIRY MANAGER	14901 CENTRAL AVEN	CHINO	91710	CA
93-36-0012	RAY GREYDANUS & SONS	16221 S EUCLID AVE	CHINO	91710	CA
93-36-0022	J N ALBERS & SON	8649 EAST MERRILL	CHINO	91710	CA
93-36-0040	CALIF. INSTITUTE FOR MEN	14901 CENTRAL AVE.	CHINO,	91710	CA
93-36-0236	JOHN TE VELDE #2	7275 SCHAEFER	CHINO	91710	CA
93-36-0280	ARTEVEL FARMS	7255 SCHAEFFER AVE	CHINO,	91710	CA
93-36-0281	GERRIT BOSMA	10469 EDISON AVENU	ONTARIO	91761	CA
93-36-0282	MARINUS OOSTEN	8911 EUCALYPTUS AV	CHINO	91710	CA
93-36-0347	HENRY STERK	6683 CHINO AVE.	CHINO	91710	CA
93-36-9024	SHADY GROVE # 1	P.O. BOX 840	ONTARIO	91761	CA
93-36-9042	SIMAS JOE AND SON	6160 HARRISON AVE	CORONA	91720	CA
93-36-9219	MAYNARD G ENGLE	7941 CHINO AVENUE	ONTARIO	91761	CA
93-36-9243	CHARLIE VAN DER KOOI	8331 EDISON AVENUE	CHINO	91710	CA
93-37-0062	FRANK KONYN	ROUTE 1 BOX 818	ESCONDIDO	92025	CA
93-37-0133	EARL BISHOP	ROUTE 1 BOX 932	ESCONDIDO	92025	CA
93-37-9014	WEARY RIVER RANCH	ROUTE 4 BOX 820	ESCONDIDO	92025	CA
93-37-9031	SWEET HAVEN DAIRY INC.	6135 SAN MIGUEL RD	BONITA	92002	CA
93-37-9036	JOSEPHINE L SCRIPPS	HI HOPE RANCH	SAN LUIS REY	92068	CA
93-39-0001	LOUIS AUFDERMAUR JR	17831 S MCKINLEY A	LATHROP	95330	CA
93-39-0004	FRANK FARIA	13182 SO ROBINSON	ESCALON	95320	CA
93-39-0005	WALTER BETSCHART	20675 SO AUSTIN RD	MANTECA	95336	CA
93-39-0014	CASTELANELLI BROS	623 PALM AVENUE	LODI	95240	CA
93-39-0025	DEUEL VOCATIONAL INST	PO BOX 400	TRACY	95376	CA
93-39-0028	MARCELL DICKENS	31277 E LONE TREE	OAKDALE	95361	CA
93-39-0077	FARM & CREAMRY	P. O. BOX 1020	FRENCH CAMP	95231	CA
93-39-0087	BOBIDEE HOLSTEINS	J27692 E OWENS RD	ESCALON	95320	CA
93-39-0129	FRANK M ALEGRE & SON	20246 SOUTH LAMMER	TRACY	95376	CA
93-39-0141	VANTILL BROS	20081 S AUSTIN RD	RIPON	95366	CA
93-39-0189	ANDREW COSTA	6540 WEST TURNER R	LODI	95240	CA
93-39-0207	ARIE WEEDA	16475 SO BRENNAN R	ESCALON	95320	CA
93-39-0209	TONY ROCHA JR	J 23243 E LONE TRE	ESCALON,	95320	CA
93-39-0217	JOHN LIMA RANCH	J13436 NO THORNTON	LODI	95240	CA
93-39-0233	TRIPLE OAKS	16630 NORTH TRETHE	LODI	95240	CA
93-39-0241	JOHN BORGES & SONS	10030 E LIBERTY RD	GALT	95632	CA
93-39-0349	JERRY DE KUYER	5573 W WOODRIDGE	LODI	95240	CA
93-39-0356	ENCEE JERSEY FARM	10806 LOWER SAC RD	STOCKTON	95207	CA
93-39-0365	JOHN BORGES & SONS	10030 E LIBERTY RD	GALT	95632	CA
93-39-7358	GORDON NICHOLSON	23733 E MARIPOSA R	ESCALON	95320	CA
93-39-9015	CLEVERLANDS	26524 SOUTH HIWAY	TRACY	95376	CA
93-40-0019	CALIF STATE POLY	% H RICKARD	SN LUIS OBISPO,	93401	CA
93-40-0020	E & MARVIN BASSI	P O BOX 47	HARMONY	93435	CA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
93-40-0050	CALIF STATE POLY	% H TOONE	SN LUIS OBISPO,	93401	CA
93-40-9002	CALIF STATE POLY	% H TOONE	SN LUS OBSPO	93401	CA
93-40-9029	HENDRIK DE BOER	5205 CARRIZO ROAD	ATASCADERO	93422	CA
93-40-9049	CALIF STATE POLY	% H TOONE	SN LUIS OBISPO,	93401	CA
93-42-9012	SUNSET LAGUNA DAIRY	629 SOUTH SIMAS RD	SANTA MARIA	93454	CA
93-48-0006	J O ROWE & SONS	ROUTE 1 BOX 2850	DAVIS	95616	CA
93-48-0014	LEONARDI SEQUEIRA	ROUTE 2 BOX 513	DIXON	95620	CA
93-49-0051	JAMES IELMORINI	2655 OLD ADOBE RD	PETALUMA	94952	CA
93-49-0067	MILLERS DAIRY	9501 MILLS STATION	SEBASTOPAL	95472	CA
93-49-0096	J E SCOTT	427 CORONA RD	PETALUMA	94952	CA
93-49-0098	WALTER & DAN SILACCI	4347 LAKEVILLE HIW	PETALUMA	94952	CA
93-49-0099	TRUMAN SILACCI	6155 LAKEVILLE HIW	PETALUMA	94952	CA
93-49-0165	W G DREW & SONS	761 CORONA ROAD	PETALUMA	94952	CA
93-49-0182	E J MARTIN SON	996 PEPPER ROAD	PETALUMA	94952	CA
93-49-0222	JOHN T SILVA	2402 MAGNOLIA AVEN	PETALUMA	94952	CA
93-49-0268	D J CARINALLI JR	4905 GRAVENSTEIN H	SEBASTOPOL	95472	CA
93-49-0271	GLENN HANSEN	3420 GUERNEVILLE R	SANTA ROSA	95401	CA
93-49-0276	TERRILINDA FARMS	5368 STONY POINT R	SANTA ROSA	95404	CA
93-49-0277	LEROY CHEDA	3272 OLD ADOBE RD	PETALUMA	94952	CA
93-49-0312	ROBERT MCCLELLAND	6475 BODEGA HIWAY	PETALUMA	94952	CA
93-49-0335	CLOVER PRAIRIE FARM	6033 BLANK ROAD	SEBASTOPAL	95472	CA
93-49-0339	MANUEL GONSALVES	4485 D EXTENSION	PETALUMA	94952	CA
93-49-0364	KENTON CALLAWAY	7461 WINDSOR RD.	WINDSOR	95492	CA
93-49-0373	MARVIN NUNES & CO.	3910 MARK WEST STA	WINDSOR	95492	CA
93-49-0377	REDDING & MALONEY	1455 GERICKE ROAD	PETALUMA	94952	CA
93-49-9065	NESLERGIM GUERNSEYS	2400 PEPPER ROAD	PETALUMA	94952	CA
93-49-9101	SLEEPY HOLLOW MILK	7689 LAKEVILLE HIW	PETALUMA	94952	CA
93-49-9124	LA FRANCHI BROS.	13520 HWY 128	CALISTOGA	94515	CA
93-49-9281	TOM A NUNES JR	4255 WOOLSEY ROAD	SANTA ROSA,	95401	CA
93-50-0008	WALTER C. PETERSON	536 N. PRAIRIE FLD	TURLOCK	95380	CA
93-50-0033	SAM BROUHARD & SONS	724 RUBLE ROAD	CROWS LANDING	95313	CA
93-50-0062	A VERNE CROWELL	1201 W MONTE VISTA	TURLOCK	95380	CA
93-50-0072	LOUIE DURRER	3731 DUNN ROAD	MODESTO	95351	CA
93-50-0084	MRS. J B FISCALINI & SON	7130 KIERNAN AVENU	MODESTO	95351	CA
93-50-0121	GREEN & CHRISTOFFERSEN	4200 E TUOLUMNE	TURLOCK	95380	CA
93-50-0152	JOHN E KIDD	1313 STONE AVENUE	MODESTO	95351	CA
93-50-0177	NORMAN E LUCAS	11204 FULKERTH ROA	TURLOCK	95380	CA
93-50-0207	W A MERRIAN & SONS	11737 BLUEGUM ROAD	HICKMAN	95323	CA
93-50-0213	L G MORASCI	1118 W KEYES RD	MODESTO	95351	CA
93-50-0255	EL KATRINA DAIRY	547 PEDROS RD	CERES	95307	CA
93-50-0264	SHERMAN BROS.	1125 MILLS FERRY R	NEWMAN	95360	CA
93-50-0271	DALE SINCLAIR	1001 WEST MONTE VI	CERES	95307	CA
93-50-0307	W-D RANCH	137 TEXAS ROAD	MODESTO	95351	CA
93-50-0324	MANUEL & BILL VIERRA	2613 SO MITCHELL R	TURLOCK	95380	CA
93-50-0349	MAURICE BRINDEIRO	5831 S TEGNER RD	TURLOCK	95380	CA
93-50-0354	DONALD FILIPPINI	1054 LUNDY ROAD	NEWMAN	95360	CA
93-50-0363	KANLO HOLSTEINS	3855 EAST KEYES RD	CERES	95307	CA
93-50-0403	YOUNG FARMS	2118 STANDIFORD	MODESTO	95350	CA
93-50-0404	BETTENCOURT & TEIXEIRA	1338 T STREET	NEWMAN	95360	CA
93-50-0409	JOE A OUARTE	8455 FAITH HOME RO	CERES	95307	CA
93-50-0421	KARANA HOLSTEINS	7713 MAZE BLDG.	MODESTO	95351	CA
93-50-0487	JOHN AZEVEDO, JR	1343 MAGNOLIA AVE	PATTERSON	95363	CA
93-50-0521	MANUEL C VIERRA	6960 CRANE RD	OAKDALE	95361	CA
93-50-0546	MEL-DELIN DAIRY	11412 W MAIN	TURLOCK	95380	CA
93-50-0567	HENRY GOMES JR. # 2	648 SO FAITH HOME	TURLOCK	95380	CA
93-50-0599	JO JON HOLSTEINS	3431 SO MOFFETT RD	TURLOCK	95380	CA
93-50-0605	GEORGE ESPINDULA	5725 EHRLICH ROAD	TURLOCK	95380	CA
93-50-0625	LLOYD E STARN	1518 N MITCHELL RD	TURLOCK	95380	CA
93-50-0647	MARVIN W HOLM	313 N PRAIRIE FLOW	TURLOCK	95380	CA
93-50-0667	HONNETTE HOLSTEINS	3445 KANSAS AVE.	MODESTO	95351	CA
93-50-0671	J WILLIAM DOERKSEN	9649 EAST KEYES RD	DENAIR	95316	CA
93-50-0674	CLOVER HILL DAIRY	8119 RODDEN ROAD	OAKDALE	95361	CA
93-50-0677	MANUEL SOARES	1707 SO MITCHEL RD	TURLOCK	95380	CA
93-50-0682	JAN DE BRUYN	6001 W ZEERING ROA	CERES	95307	CA
93-50-0692	STEVE HOFMAN	348 E MONTE VISTA	CERES	95307	CA
93-50-0696	KAY-HART DAIRY	567 KAISER ROAD	MODESTO	95351	CA
93-50-0699	CATON, LOPES & CATUNTO	25912 MCCLINTOCK R	NEWMAN	95360	CA
93-50-0735	FRANK BRACCO JR.	5324 OAKDALE ROAD	MODESTO	95351	CA
93-50-0758	WALTER H BROWN	5607 TULLY ROAD	HUGHSON	95326	CA
93-50-0775	J R THOMAS	6816 SO WASHINGTON	CERES	95307	CA
93-50-0801	EDWARD D KEARLEY	690 N QUINCY ROAD	TURLOCK	95380	CA
93-50-0807	BERNARD SOUZA JR	9118 CROWS LANDING	CROWS LANDING	95313	CA
93-50-0812	GENASCI BROS.	6555 BLUEGUM AVENU	MODESTO	95357	CA
93-50-0823	RAVEN & SOUZA	11112 SIERRA RD.	OAKDALE	95361	CA
93-50-9109	MIDLAND HOLSTEIN FARM	1940 KINSER ROAD	CERES	95307	CA
93-50-9149	KAY-HART DAIRY	567 KAISER ROAD	MODESTO	95351	CA
93-50-9162	LEWIS & LESLIE LEE	3230 VIVIAN ROAD	MODESTO	95351	CA
93-50-9165	ARLINDA HOLSTEINS	124 N FAITH HOME R	TURLOCK	95380	CA
93-50-9208	MICHEL INVESTMENT CO	744 MC EWEN ROAD	WATERFORD	95386	CA
93-50-9258	DIAMOND S RANCH	600 ROBERTS FERRY	WATERFORD	95386	CA
93-50-9396	JOE PIMENTEL	5943 GRIFFIN ROAD	HUGHSON	95326	CA
93-50-9419	JAMES PAPPAS	3749 SHILOH ROAD	MODESTO	95361	CA
93-50-9598	L F MASSINGILL JR	2306 YOUNG ROAD	MODESTO	95351	CA
93-51-9015	JOHN E. MILLER JR.	P. O. BOX 13	RIO OSO,	95674	CA
93-52-0094	WILLOMONTE HOLSTEINS	ROUTE 2 BOX 95	ORLAND	95963	CA

TABLE 7. LIST OF HERD-OWNERS (CONTINUED).

HERD CODE	NAME OF OWNER	ADDRESS OF OWNER			
		STREET OR ROUTE	TOWN	ZIP-CODE	STATE
93-52-0095	BIGNAMI ROBERT	ROUTE 2 BOX 189	ORLAND	95963	CA
93-52-9002	WAYNE EARLY & FAMILY	RT 1 BOX 188	LOS MOLINOS	96055	CA
93-52-9058	JOSEPH W EARLY	RT 1 BOX 172J	LOS MOLINOS	96055	CA
93-54-0014	BIXLER FARMS INC	2825 W PROSPERITY	TULARE	93274	CA
93-54-0029	EDGERLY A C	328 W SIERRA WAY	OINUBA	93618	CA
93-54-0040	CURTI H AND SONS	P O BOX 158	WAUKENA	93282	CA
93-54-0060	LONE PALM GUERNSEYS	2557 AVE 199	TULARE	93274	CA
93-54-0065	SEPEDA BROS	17576 ROAD 128	TULARE	93274	CA
93-54-0066	JAQUES DAIRY	22147 ROAD 28	TULARE	93274	CA
93-54-0081	SERAFIN BEN	19889 AVE 160	TULARE	93274	CA
93-54-0088	MANDRILLE JOE	7121 AVENUE 204	TULARE	93274	CA
93-54-0094	ROWLEY JIM	18356 AVE 304	VISALIA	93277	CA
93-54-0116	NEWSOME CHARLES	25199 ROAD 164	VISALIA	93277	CA
93-54-0182	CORREIA M G	13049 AVENUE 200	TULARE	93274	CA
93-54-0217	LIMAS LOUIS F AND SONS	14870 AVENUE 152	TIPTON	93272	CA
93-54-0264	RAVISCIONI FARMS	P O BOX 128	WAUKENA	93282	CA
93-54-0265	SERPA CARL	3592 WEST PINE ST	TULARE	93274	CA
93-54-0307	GOODREAU BERNARD	3200 HILL CREEK DR	VISALIA	93277	CA
93-54-0378	BAKKER ALLEN	29800 RD 60	VISALIA	93277	CA
93-54-0384	ERLING BROS	3779 AVENUE 384	KINGSBURG	93631	CA
93-54-9016	LECHE FARMS NO 2	P O BOX 132	TULARE	93274	CA
93-54-9021	COLLEGE OF SEQUOIAS	2245 S LINWOOD	VISALIA	93277	CA
93-54-9038	BONO JOE	6062 AVE 200	TULARE	93274	CA
93-54-9195	DAN-VER HOLSTEINS	20433 ROAD 28	TULARE	93274	CA
93-54-9296	AIROSO JOE	18829 ROAD 64	TULARE	93274	CA
93-54-9337	LECHE FARMS NO 1	P O BOX 132	TULARE	93274	CA
93-54-9367	VEEMAN AND SONS	18333 AVE 184	STRATHMORE	93267	CA
93-54-9369	GRUENSTEIN EDWARD A	25879 ROAD 108	TULARE	93274	CA
93-56-0015	ADOHR FARMS	P. O. BOX 88	CAMARILLO	93010	CA
93-56-0019	ADOHR FARMS	P. O. BOX 88	CAMARILLO	93010	CA
93-57-9005	F PLOCHER & SONS	RT 3 BOX 674	WOODLAND	95695	CA
93-58-0048	BOYD FARM CO	5383 SAWTELLE AVE	YUBA CITY	95991	CA
93-58-0058	CHARLES MC LAUGHIN	ROUTE 1 BOX 990	DURHAM	95938	CA

*U.S. GOVERNMENT PRINTING OFFICE:1974 720-996/420 1-3